

**REPORT FOR AN INITIAL PHASE II
ENVIRONMENTAL SITE ASSESSMENT**

FOR THE SOUTH BEND AREA A PROPERTIES

Located at:
**SOUTH OF SAMPLE STREET, EAST OF PRAIRIE AVENUE,
NORTH OF CONRAIL, AND WEST OF FRANKLIN STREET
SOUTH BEND, INDIANA**

Prepared for:
**THE CITY OF SOUTH BEND DEPARTMENT OF
COMMUNITY AND ECONOMIC DEVELOPMENT
1200 COUNTY-CITY BUILDING
SOUTH BEND, INDIANA 46601**

FEBRUARY 2002

VOLUME 2

Hull
& associates, inc.

APPENDIX B

Monitoring Well Development Field Data Sheets



HULL & ASSOCIATES, INC.
6161 COCHRAN ROAD, SUITE A
SOLON, OHIO 44139
TELEPHONE (440) 519-2555
FAX (440) 519-2560

FIELD DATA SHEET
WELL DEVELOPMENT

DATE: 9-14-01
WELL I.D. HMW-32D

CLIENT South Bend SITE LOCATION _____

SITE NO. _____ PROJECT NO. SBI001

TYPE OF WELL CONSTRUCTION 2" PVC

CONDITION OF WELL circle (GOOD / POOR) if poor, specify News

DEPTH TO WATER 23.56 FEET TOTAL DEPTH (INITIAL) 92.58 FEET

FREE PRODUCT circle (YES / NO) DEPTH TO PRODUCT _____ FEET

SBI001:HMW32D:6091401:444

| PURGE DATA | | FIELD TESTING / WELL VOLUME | | | |
|--------------------------------------|---------------------|-----------------------------|---------------|------------|---------------------------|
| VOLUME PURGED (GALLONS)/ WELL VOLUME | NO. OF WELL VOLUMES | DEVELOPMENT METHOD | TEMPERATURE C | pH AT 25 C | CONDUCTIVITY units AT 25C |
| N/A | INITIAL | Water Tube | 13.0 | 5.92 | 579 |
| 11.0 | 1 | " " | 13.6 | 6.64 | 344 |
| 22.0 | 2 | " " | 14.3 | 6.72 | 192.7 |
| 33.0 | 3 | " " | 14.3 | 6.78 | 186.0 |
| 44.0 | 4 | " " | 14.9 | 6.82 | 167.7 |
| 55.0 | 5 | " " | 15.1 | 6.81 | 154.8 |
| | 6 | | | | |
| | 7 | | | | |
| | 8 | | | | |

Time
Turbid 8:06
8:18
8:29
" " 8:42
Scan clear 8:52
" " 8:59

RECOVERY: good

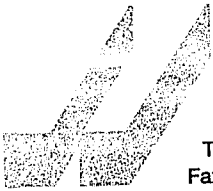
ONE WELL VOLUME EQUALS: 11.04 GALLONS

TOTAL DEPTH (FINAL): 92.78

COMMENTS: _____

VOLUME PER LINEAR FEET
2" - .16 gal. 8" - 2.61 gal.
4" - .65 gal. 12" - 5.89 gal.
6" - 1.47 gal.

INI/1000S003



Hull & Associates, Inc.
 3401 Glendale Avenue
 Suite 300
 Toledo, Ohio 43614
 Telephone (419) 385-2018
 Fax (419) 385-5487

PROJECT _____

SHEET ___ OF ___

CALC. BY _____ DATE _____

CHECKED BY _____ DATE _____

Watershed

| Time | Volume initial | STW | pH | Temp | Sec load | Turbid |
|-------|----------------|-------|-------------------------|------|----------|-------------|
| 16:20 | 9.25 | 21.10 | 7.37 7.43 | 17.7 | 191.9 | Semi clear |
| 16:27 | 9.25 | 21.16 | 7.41 | 15.8 | 174.9 | Very turbid |
| 16:34 | 18.50 | 21.15 | 7.33 | 15.2 | 163.6 | Very turbid |
| 16:42 | 27.75 | 21.15 | 7.34 | 14.7 | 172.4 | Turbid |
| 14:56 | 37.00 | 21.15 | 7.33 | 15.0 | 182.1 | Turbid |
| 17:03 | 36.25 | | 7.29 | 14.9 | 179.5 | Semi clear |
| 17:15 | 35.5 | 21.12 | 7.33 | 14.9 | 169.2 | Clear |

Final Test Report No. 10.10

9.00/Volume

No NADL, strong odor, spotty/sheen
 Overcast 75°

10.10 10 Initial



HULL & ASSOCIATES, INC.
6161 COCHRAN ROAD, SUITE A
SOLON, OHIO 44139
TELEPHONE (440) 519-2555
FAX (440) 519-2560

FIELD DATA SHEET
WELL DEVELOPMENT

DATE: 9-14-01

WELL I.D. HMW-301

CLIENT South Bend SITE LOCATION Police Station

SITE NO. _____ PROJECT NO. SBI001

TYPE OF WELL CONSTRUCTION 2" PVC

CONDITION OF WELL circle (GOOD) / POOR) if poor, specify _____

DEPTH TO WATER 22.47 FEET TOTAL DEPTH (INITIAL) 38.68 FEET

FREE PRODUCT circle (YES / NO) DEPTH TO PRODUCT _____ FEET

SBI001: HMW301: 6041301:444

| PURGE DATA | | FIELD TESTING / WELL VOLUME | | | |
|--------------------------------------|---------------------|-----------------------------|---------------|------------|---------------------------|
| VOLUME PURGED (GALLONS)/ WELL VOLUME | NO. OF WELL VOLUMES | DEVELOPMENT METHOD | TEMPERATURE C | pH AT 25 C | CONDUCTIVITY units AT 25C |
| N/A | INITIAL | balz | 16.6 | 8.54 | 152.3 |
| 2.75 | 1 | " | 16.4 | 7.25 | 173.3 |
| 5.5 | 2 | " | 16.7 | 6.52 | 178.9 |
| 8.25 | 3 | " " | 17.3 | 6.55 | 172.4 |
| 11.0 | 4 | " " | 17.3 | 6.55 | 170.3 |
| 13.75 | 5 | " " | 16.3 | 6.42 | 176.7 |
| | 6 | | | | |
| | 7 | | | | |
| | 8 | | | | |

bid. Time
FEAR 9:30
rbid 9:37
RWD 9:47
" 9:56
" 10:04
dudy 10:15

DTT.
22.4
22.4
22.4
22.4

RECOVERY: good

ONE WELL VOLUME EQUALS: 2.62 GALLONS

TOTAL DEPTH (FINAL): 38.74

COMMENTS: _____

VOLUME PER LINEAR FEET
2" - .16 gal. 8" - 2.61 gal.
4" - .65 gal. 12" - 5.89 gal.
6" - 1.47 gal.

INI/10005003

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

2257 1538

| Job Number | M. C. No. | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity ⁱ | Static Water Depth (ft TOC) ^b | Depth to NAPL ^b | Weather: ^{80° Sunny} | Comments |
|------------|-----------|------|--------------|--------------|----------------------------|------------------|-----------------|--------------------|--------------------------|------------------------|--|----------------------------|-------------------------------|----------|
| 9600 | 1603 | | Water | | 7.5 | 22.51 | 7.40 | 18.0 | 1034 | very turbid | | | | |
| 9601 | 1608 | | Water | | 15.0 | 22.51 | 7.12 | 15.7 | 959 | very turbid | | | | |
| 9601 | 1615 | | Water | | 22.5 | 22.51 | 7.37 | 14.7 | 970 | " | | | | |
| 9601 | 1620 | | Water | | 30.0 | 22.51 | 7.32 | 14.3 | 976 | very turbid | | | | |
| 9601 | 1629 | | Water | | 37.5 | 22.51 | 7.30 | 14.5 | 965 | very turbid | | | | |
| 9601 | 1635 | | Water | | | 22.51 | 7.29 | 14.8 | 943 | | | | | |

Well No. and Type: HMM-2AD
 Initial Total Depth (ft TOC): 67.4
 Final Total Depth (ft TOC): 67.5

IMHOFF CONE TEST
 Start Time: _____

Volume Water: _____

End Time: _____

Volume Sediment: _____

- a. Top of casing
- b. NAPL - nonaqueous phase liquid.
- c. Gallons per minute.

- d. Cumulative gallons
- e. Depth to water.

- f. Standard units
- g. °C, unless °F noted.

- h. Specific conductance, µmhos/cm (or µS/cm).
- i. Visual unless otherwise noted.

well vol = 7.3 gal.

| Time | Development method | Volume | Time | Time | Notes |
|-------|--------------------|--------|------|-------|--------------|
| 16:30 | purged | | 7.25 | 16.1 | 165.7 cloudy |
| 16:41 | INITIAL | | 7.29 | 14.8 | 161.8 OPA902 |
| 16:54 | 2.50 GAL. bALE | 21.05 | 7.29 | 14.6 | 174.3 OPA902 |
| 17:00 | 5.0 bALE | 21.00 | 7.29 | 14.6 | 173.5 OPA902 |
| 17:07 | 7.5 bALE | 21.02 | 7.25 | 14.4 | 175.7 " " |
| 17:22 | 10.0 bALE | 7.28 | 14.3 | 174.9 | " " |
| | 12.5 bALE | | | | |

21.00
21.00
21.00

Initial DTB: 20.97
 Initial DTB: 36.69
 Final DTB

11/11/11
 29.1

25-15 9:10

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

| Job Numbers <u>251007</u> | | Well No. and Type: <u>MW-115</u> | | Static Water Depth (ft TOC): at hrs. | | | | | | |
|---------------------------|-----------------------|--|--------------|--------------------------------------|------------------|-----------------|--------------------|--------------------------|------------------------|----------|
| Site: | | Initial Total Depth (ft TOC): <u>27.69</u> | | Depth to NAPL ^p at hrs. | | | | | | |
| Developers | | Final Total Depth (ft TOC): <u>28.69</u> | | Weather: <u>65° Sunny</u> | | | | | | |
| Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity ⁱ | Comments |
| 9-5-01 | 950 953 | Displacement | | initial 0.50 | 25.15 | 7.20 | 12.4 | 1095 | | |
| | 956 | | | 1.0 | 25.16 | 7.21 | 12.5 | 1111 | | |
| | 959 | | | 1.50 | 25.15 | 7.25 | 12.6 | 1120 | | |
| | 1007 | | | 2.0 | 25.16 | 7.25 | 12.6 | 1116 | | |
| | 1006 | | | 2.5 | 25.15 | 7.24 | 12.5 | 1127 | | |
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IMHOFF CONE TEST
Start Time: _____

Volume Water: _____

End Time: _____

Volume Sediment: _____

- a. Top of casing.
- b. NAPL - nonaqueous phase liquid.
- c. Gallons per minute.

- d. Cumulative gallons
- e. Depth to water.

- f. Standard units
- g. °C, unless °F noted.

- h. Specific conductance, µmhos/cm (or µS/cm).
- i. Visual unless otherwise noted.

1 well used - 0.41

46
27

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

| Job Number | Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH | Temp. ^g | Spec. Cond. ^h | Turbidity ⁱ | Comments | Static Water Depth (ft TOC ^a): | |
|------------|-------|------|--------------|--------------|----------------------------|------------------|------|--------------------|--------------------------|------------------------|-----------------------|--|-----------------------------|
| | | | | | | | | | | | | Initial Total Depth (ft TOC): | Final Total Depth (ft TOC): |
| 8-30-01 | 8:45 | | S.S. Bailer | | Initial | 46.30 | 6.99 | 19.2 | 985 | | | at hrs. 7:50 | |
| 8-30-01 | 9:02 | | under | | 5.0 | 46.27 | 7.40 | 18.8 | 1200 | | Extremely Silty Brown | at hrs. | |
| " | 9:20 | | " | | 10.0 | 46.90 | 7.37 | 20.1 | 1201 | | " | | |
| " | 9:30 | | " | | 15.0 | 55.0 | 7.43 | 19.0 | 1201 | | " | | |
| " | 9:43 | | " | | 20.0 | 55.0 | 7.17 | 21.8 | 1081 | | " | | |
| " | 10:00 | | " | | 25.0 | 55.2 | 7.20 | 20.1 | 1070 | | " | | |
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Well No. and Type: HMW 22.5
 Initial Total Depth (ft TOC): 75.98
 Final Total Depth (ft TOC): 80.11
 Weather: 70° PK

IMHOFF CONE TEST
 Start Time: _____

Volume Water: _____

End Time: _____

Volume Sediment: _____

- a. Top of casing.
- b. NAPL - nonaqueous phase liquid.
- c. Gallons per minute.
- d. Cumulative gallons
- e. Depth to water.
- f. Standard units
- g. °C, unless °F noted.
- h. Specific conductance, µmhos/cm (or µS/cm).
- i. Visual unless otherwise noted.

well vol. = 4.44 gal

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

| Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity | Comments |
|---|------|--------------|--------------|----------------------------|------------------|-----------------|--------------------|--------------------------|-----------|-------------|
| Job Number SP1002 Site: Area A Developers: MATH Young Well No. and Type: HMW-221 Initial Total Depth (ft TOC): 24.09 Final Total Depth (ft TOC): 54.62 Static Water Depth (ft TOC): Depth to NAPL: N/A Weather: Overcast 80° at 8:30 hrs. | | | | | | | | | | |
| 8-30-01 | 8:40 | | | Initial | | 7.11 | 20.2 | 904 | | Very turbid |
| | 8:50 | | | 3.0 | 24.12 | 7.12 | 18.5 | 885 | | |
| | 9:00 | | | 3.0 | 24.13 | 7.12 | 17.7 | 900 | | |
| | 9:10 | | | 5.0 | 24.12 | 7.20 | 17.4 | 918 | | |
| | 9:18 | | | 5.0 | 24.12 | 7.24 | 19.4 | 941 | | |
| | 9:27 | | | 5.0 | 24.12 | 7.24 | 18.1 | 900 | | |
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IMHOFF CONE TEST
 Start Time: _____ Volume Water: _____ End Time: _____
 Volume Sediment: _____

a. Top of casing.
 b. NAPL - nonaqueous phase liquid.
 c. Gallons per minute.
 d. Cumulative gallons
 e. Depth to water.
 f. Standard units
 g. °C, unless otherwise noted.
 h. Specific conductance, umhos/cm (or μS/cm).
 i. Visual unless otherwise noted.

★ MW 245 developed
MW 245 → not Corral

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

23.89'

| Job Number | Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity ⁱ | Comments | Static Water Depth (ft TOC): | |
|------------|------|------|--------------|--------------|----------------------------|------------------|-----------------|--------------------|--------------------------|------------------------|----------|------------------------------|---------------|
| | | | | | | | | | | | | Initial Total Depth (ft TOC) | Depth to NAPL |
| 8-29-01 | 1432 | | Waterfall | | Initial 23.90 | 6.50 | 24.4 | 306 | | Brown silt | | at hrs. 14/2 | |
| " | 1438 | | " | | 3.00 23.89 | 7.03 | 20.4 | 724 | | " | | at hrs. | |
| " | 1448 | | " | | 7.0 23.90 | 7.04 | 21.5 | 755 | | " | | | |
| " | 1455 | | " | | 10.50 23.90 | 7.10 | 20.8 | 772 | | " | | | |
| " | 1503 | | " | | 14.0 23.90 | 7.13 | 20.6 | 808 | | " | | | |
| " | 1510 | | " | | 17.50 23.90 | 7.11 | 20.6 | 780 | | " | | | |

Well No. and Type: MW 245/A
 Initial Total Depth (ft TOC): ~~23.90~~ 44.35
 Final Total Depth (ft TOC): ~~23.90~~ 44.50
 Weather: 75° Sunny

IMHOFF CONE TEST

Start Time: _____ Volume Water: _____ End Time: _____ Volume Sediment: _____

- a. Top of casing.
- b. NAPL - nonaqueous phase liquid.
- c. Gallons per minute.
- d. Cumulative gallons
- e. Depth to water.
- f. Standard units
- g. °C, unless °F noted.
- h. Specific conductance, umhos/cm (or µS/cm).
- i. Visual unless otherwise noted.

1 well = 3.33 gal
 vol.

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

2860 1533

| Job Number Site: Developers Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity ⁱ | Static Water Depth (ft TOC ^a): | | Comments |
|---|------|--------------|--------------|----------------------------|------------------|-----------------|--------------------|--------------------------|------------------------|--|------------------------------|----------|
| | | | | | | | | | | Initial Total Depth (ft TOC): | Final Total Depth (ft TOC): | |
| 8-79-01 | 1535 | wide open | | 1.0 | 28.60 | 7.55 | 24.3 | 745 | | | at hrs. 2860 1533 | |
| | 1545 | | | 1.0 | 27.88 | 7.64 | 20.5 | 634 | | | | |
| | 1555 | | | 1.0 | 48.30 | 7.68 | 21.5 | 786 | | | | |
| | 1608 | | | 24.0 | 55.50 | 7.51 | 19.7 | 626 | | | | |
| | 1620 | | | 20.0 | 59.0 | 7.61 | 19.9 | 695 | | | | |
| | 1637 | | | 40.0 | 51.70 | 7.63 | 19.8 | 685 | | | | |
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IMHOFF CONE TEST
Start Time: _____

Volume Water: _____

End Time: _____

Volume Sediment: _____

- a. Top of casing
- b. NAPL - nonaqueous phase liquid.
- c. Gallons per minute.

- d. Cumulative gallons
- e. Depth to water.

- f. Standard units
- g. °C, unless °F noted.

- h. Specific conductance, µmhos/cm (or µS/cm).
- i. Visual unless otherwise noted.

1 well vol = 7.93 gallons

HMW-11

3.0 gal purge vol.

sheet of 1

23.63

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

at hrs. 805

Depth to NAPL 23.60

Weather: Sun 80

Well No. and Type: HMW-11 F

Job Number SB 1002

Site: Allied Corp Property J. Makowski / S. Heath

Initial Total Depth (ft TOC): 38.0

Final Total Depth (ft TOC): 38.0

Temp. 24.4

pH 7.29

DTW 23.69

Volume Purged 1.0

Pumping Rate

Purge Method

Time

Date

8-29-01 1033 Waterra Black w/ globules & silt

8-29-01 1047 Waterra Black w/ globules & silt

8-29-01 1101 Waterra Brown w/ globules & silt

8-29-01 1140 Waterra Brown w/ globules & silt

8-29-01 1149 Waterra Brown w/ globules & silt

8-29-01 1205 Waterra Brown w/ globules & silt

8-29-01 1205 Waterra

8-29-01 1205 Waterra

8-29-01 1205 Waterra

8-29-01 1205 Waterra

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8-29-01 1205 Waterra

8-29-01 1205 Waterra

IMHOFF CONE TEST

Start Time: _____

Volume Water: _____

End Time: _____

Volume Sediment: _____

- a. Top of casing.
- b. NAPL - nonaqueous phase liquid.
- c. Gallons per minute.
- d. Cumulative gallons
- e. Depth to water.
- f. Standard units
- g. °C, unless °F noted.
- h. Specific conductance, umhos/cm (or µS/cm).
- i. Visual unless otherwise noted.

H.M.W.-11D

1.0 gal per g vol.

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

23.92

| Job Number SB1002 | Well No. and Type: HMW-11D | Initial Total Depth (ft TOC): 67.25 | Final Total Depth (ft TOC): 68.02 | Temp. ^g | Spec. Cond. ^h | Turbidity | Comments |
|----------------------|-------------------------------|--|--------------------------------------|--------------------|-----------------------------|-----------|-------------------|
| | | | | | | | |
| 8-29-01 | 1033 | Waterra | | | | | |
| 8-29-01 | 1044 | Waterra | initial | 24.09 | 7.57 | 22.2 | 965 Silt |
| 8-29-01 | 1055 | Waterra | 7.0 | 24.10 | 7.32 | 19.5 | 903 Brown Silt |
| 8-29-01 | 1106 | Waterra | 14.0 | 24.09 | 7.31 | 18.1 | 916 Brown Silt |
| 8-29-01 | 1113 | Waterra | 21.0 | 24.05 | 7.38 | 19.5 | 916 Brown Silt |
| 8-29-01 | 1126 | Waterra | 28.0 | 24.03 | 7.35 | 20.1 | 894 Brown Silt |
| | | | 35.0 | 24.03 | 7.36 | 19.2 | 846 Brown Silt |
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IMHOFF CONE TEST
Start Time: _____

Volume Water: _____

End Time: _____

Volume Sediment: _____

- a. Top of casing
- b. NAPL - nonaqueous phase liquid
- c. Gallons per minute
- d. Cumulative gallons
- e. Depth to water
- f. Standard units
- g. °C, unless °F noted
- h. Specific conductance, μmhos/cm (or μS/cm)
- i. Visual unless otherwise noted

1*1 VV <...> .44 gal purge vol

24.69

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

| Job Number SB1002 Site: Allied Corp Properties Developers: J. Makowski E. | Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity ⁱ | Static Water Depth (ft TOC): Depth to NAPL ^b | at hrs. |
|--|---------|------|--------------|--------------|----------------------------|------------------|-----------------|--------------------|--------------------------|------------------------|--|------------|
| | | | | | | | | | | | | |
| | 8-27-01 | 1405 | SS Bailer | | Initial | 24.70 | 7.11 | 17.3 | 873 | dk brown | same silt | |
| | 8-27-01 | 1410 | SS Bailer | | .50 | 24.70 | 7.12 | 16.6 | 880 | dk brown | same silt | |
| | 8-27-01 | 1420 | SS Bailer | | 1.00 | 24.75 | 7.20 | 17.3 | 892 | dk brown | same silt | |
| | 8-27-01 | 1430 | SS Bailer | | 1.50 | 24.71 | 7.13 | 17.5 | 879 | dk Brown | same silt | |
| | 8-27-01 | 1440 | SS Bailer | | 2.00 | 24.73 | 7.12 | 16.0 | 894 | dk Brown | same silt | |
| | 8-27-01 | 1455 | SS Bailer | | 2.50 | 24.71 | 7.16 | 17.2 | 890 | dk Brown | same silt | |
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IMHOFF CONE TEST
Start Time: _____

Volume Water: _____

End Time: _____

Volume Sediment: _____

- a. Top of casing.
- b. NAPL - nonaqueous phase liquid.
- c. Gallons per minute.
- d. Cumulative gallons
- e. Depth to water.
- f. Standard units & °C, unless °F noted.
- g. Standard units & °C, unless °F noted.
- h. Specific conductance, µmhos/cm (or µS/cm).
- i. Visual unless otherwise noted.

2.10 gpa 1.5 mg v/v

MW 283D

24.28

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

| Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity | Comments |
|---------|------|--------------|--------------|----------------------------|------------------|-----------------|--------------------|--------------------------|-----------|-----------|
| | | | | | | | | | | |
| | | | | Initial | 24.34 | 6.94 | 20.1 | 973 | dk brown | some silt |
| 8-27-01 | 1045 | Water | | 3.0 | 24.32 | 7.23 | 20.6 | 966 | dk brown | some silt |
| 8-27-01 | 1059 | Water | | 6.0 | 24.32 | 7.22 | 18.8 | 968 | dk brown | some silt |
| 8-27-01 | 1109 | Water | | 9.0 | 24.34 | 7.23 | 18.6 | 992 | dk brown | some silt |
| 8-27-01 | 1136 | Water | | 12.0 | 24.31 | 7.21 | 18.1 | 996 | dk brown | some silt |
| 8-27-01 | 1156 | Water | | 15.0 | 24.32 | 7.19 | 19.1 | 991 | dk brown | some silt |
| 8-27-01 | 1212 | Water | | 18.0 | 24.32 | 7.06 | 18.3 | 987 | brown | some silt |
| 8-27-01 | 1248 | Water | | 21.0 | 24.32 | 7.14 | 18.6 | 983 | brown | some silt |
| 8-27-01 | 1325 | Water | | | | | | | | |
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Job Number: SB1002
 Site: Allied Corp. Property
 Developers: J. Malowski / M. Youha

Initial Total Depth (ft TOC): 40.80
 Final Total Depth (ft TOC): 40.74

Static Water Depth (ft TOC^a): at hrs. 1000
 Depth to NAPL^b NMI
 Weather: 80 Sun

IMHOFF CONE TEST
 Start Time: _____

Volume Water: _____

End Time: _____

Volume Sediment: _____

- a. Top of casing
- b. NAPL - nonaqueous phase liquid
- c. Gallons per minute
- d. Cumulative gallons
- e. Depth to water
- f. Standard units
- g. °C, unless °F noted
- h. Specific conductance, µmhos/cm (or µS/cm)
- i. Visual unless otherwise noted

WAK Well Volume

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

| Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity ⁱ | Static Water Depth (ft TOC) ^a : Depth to NAPL ^b N/A Weather: Sunny 80°s | at hrs. | at hrs. | Comments |
|--------|-------|-----------------------|--------------|----------------------------|------------------|-----------------|--------------------|--------------------------|------------------------|---|---------|---------|----------|
| 9-4-01 | 18:38 | 7 isopole 28-liter | | initial | 23.80 | 7.27 | 12.5 | 1122 | Very turbid | | | | |
| | 18:42 | | | 2.00 | 23.80 | 7.28 | 12.5 | 1125 | | | | | |
| | 18:45 | | | 3.00 | 23.80 | 7.28 | 12.4 | 987 | | | | | |
| | 18:48 | | | 4.0 | | 7.29 | 12.4 | 1130 | | | | | |
| | 18:54 | | | 5.00 | 23.80 | 7.30 | 12.4 | 908 | | | | | |
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IMHOFF CONE TEST
Start Time: _____

Volume Water: _____

End Time: _____

Volume Sediment: _____

- a. Top of casing
- b. NAPL - nonaqueous phase liquid
- c. Gallons per minute
- d. Cumulative gallons
- e. Depth to water
- f. Standard units
- g. °C, unless °F noted
- h. Specific conductance, μmhos/cm (or μS/cm)
- i. Visual unless otherwise noted

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

| Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity ⁱ | Comments | |
|---|-------|-----------------------|--------------|----------------------------|------------------|-----------------|--------------------|--------------------------|------------------------|----------|--|
| Job Number 531002 Site Area Developers S. Haskin Well No. and Type: HMW-7S Initial Total Depth (ft TOC): 27.80 Final Total Depth (ft TOC): 27.85 Static Water Depth (ft TOC ^a): _____ at _____ hrs. Depth to NAPL ^b : _____ at _____ hrs. Weather: _____ | | | | | | | | | | | |
| 9-4-01 | 18:15 | st. steel pulsator | | initial | 22.91 | 7.43 | 13.8 | 844 | Sl. Turbid | | |
| | 18:19 | | | 1.0 | 22.96 | 7.30 | 12.7 | 842 | Very turbid | | |
| | 18:22 | | | 2.0 | 22.92 | 7.32 | 12.5 | 888 | Very turbid | | |
| | 18:25 | | | 3.0 | 22.94 | 7.36 | 12.4 | 885 | " " | | |
| | 18:29 | | | 4.0 | 22.94 | 7.29 | 12.2 | 890 | " " | | |
| | 18:33 | | | 5.0 | 22.94 | 7.29 | 12.4 | 888 | " " | | |
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IMHOFF CONE TEST
Start Time: _____

Volume Water: _____

End Time: _____

Volume Sediment: _____

- a. Top of casing.
- b. NAPL - nonaqueous phase liquid.
- c. Gallons per minute.
- d. Cumulative gallons
- e. Depth to water.
- f. Standard units
- g. °C, unless °F noted.
- h. Specific conductance, μmhos/cm (or μS/cm).
- i. Visual unless otherwise noted.

22.61 1625

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

| Job Number | Well No. and Type: | Static Water Depth (ft TOC): | at | hrs. | | | | | |
|------------|-------------------------------|------------------------------|----------------------------|------------------|-----------------|--------------------|--------------------------|-------------|----------|
| Site: | Initial Total Depth (ft TOC): | Depth to NAPL ^b : | at | hrs. | | | | | |
| Developers | Final Total Depth (ft TOC): | Weather: | | | | | | | |
| Date | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity | Comments |
| 9-4-01 | 16:55 | Water | 8.0 | 22.61 | 7.53 | 15.6 | 881 | sl. clear | |
| | 17:10 | | 16.0 | 25.90 | 7.42 | 14.5 | 853 | very turbid | |
| | 17:25 | | 24.0 | 29.05 | 7.28 | 13.1 | 982 | " | |
| | 17:35 | | 32.0 | 32.10 | 7.50 | 14.3 | 987 | " | |
| | 17:45 | | 40.0 | 29.0 | 7.48 | 13.5 | 891 | " | |
| | 17:53 | | | 23.65 | 7.52 | 13.1 | 1099 | " | |
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IMHOFF CONE TEST
 Start Time: _____ Volume Water: _____ End Time: _____
 Volume Sediment: _____

a. Top of casing.
 b. NAPL - nonaqueous phase liquid.
 c. Gallons per minute.
 d. Cumulative gallons
 e. Depth to water.
 f. Standard units
 g. °C, unless otherwise noted.
 h. Specific conductance, μmhos/cm (or μS/cm).
 i. Visual unless otherwise noted.

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

| Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity | Static Water Depth (ft TOC ^a): | | Comments |
|---|-------|--------------|--------------|----------------------------|------------------|-----------------|--------------------|--------------------------|-------------|--|-----------------|----------|
| | | | | | | | | | | Depth to NAPL ^b M/A | at hrs. at hrs. | |
| Job Number 935002 Site: Area A Developers M. Cherchol Well No. and Type: HMW-8I Initial Total Depth (ft TOC): 48.90 Final Total Depth (ft TOC): 48.90 Weather: Sunny 80's | | | | | | | | | | | | |
| 9-4-01 | 17:35 | Water | | initial | 22.6 | 7.48 | 16.3 | 928 | Very turbid | | | |
| 9-4-01 | 17:40 | | | 4.25 | 22.6 | 7.32 | 14.0 | 1131 | Very turbid | | | |
| | 17:47 | | | 8.50 | 22.60 | 7.48 | 14.6 | 1114 | | | | |
| | 17:50 | | | 12.75 | 22.60 | 7.32 | 13.1 | 1137 | Very turbid | | | |
| | 17:55 | | | 17.0 | 22.60 | 7.32 | 12.9 | 1141 | " | | | |
| | 18:00 | | | 21.25 | 22.60 | 7.32 | 12.9 | 1134 | Very turbid | | | |
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IMHOFF CONE TEST
 Start Time: _____ Volume Water: _____ End Time: _____ Volume Sediment: _____

a. Top of casing
 b. NAPL - nonaqueous phase liquid
 c. Gallons per minute
 d. Cumulative gallons
 e. Depth to water
 f. Standard units
 g. °C, unless °F noted
 h. Specific conductance, umhos/cm (or µS/cm)
 i. Visual unless otherwise noted.

24.30

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

| Job Number 531002 Site: Area A Developers M. Charcho | | Well No. and Type: HMU-85 | | Static Water Depth (ft TOC ^a): | | Depth to NAPL ^b X/A | | Weather: 80's Sunny | | at hrs. at hrs. | |
|--|-------|---------------------------|--------------|--|--------------------------|--------------------------------|--------------------------|---------------------|-------------|-----------------|--|
| Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DIV (MW) pH ⁱ | Temp. ^e | Spec. Cond. ^h | Turbidity | Comments | | |
| 9-4-01 | 17:10 | st steel baller | | initial | 22.42 | 7.37 | 878 | 110 | clear | | |
| | 17:12 | | | .3 | 22.50 | 7.29 | 879 | | sl. clear | | |
| | 17:14 | | | .6 | 22.49 | 7.22 | 895 | | turbid | | |
| | 17:16 | | | .9 | | 7.22 | 912 | | very turbid | | |
| | 17:18 | | | 1.2 | | 7.21 | 906 | | very turbid | | |
| | 17:20 | | | 1.5 | 22.49 | 7.24 | 900 | | very turbid | | |
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IMHOFF CONE TEST
Start Time: _____

Volume Water: _____

End Time: _____

Volume Sediment: _____

a. Top of casing.
b. NAPL - nonaqueous phase liquid.
c. Gallons per minute.
d. Cumulative gallons
e. Depth to water.
f. Standard units
& °C, unless °F noted.
g. Specific conductance, umhos/cm (or µS/cm).
h. Visual unless otherwise noted.
i. Very turbid

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

| Job Number 551002 | | Well No. and Type: MW-1D | | Static Water Depth (ft TOC): | | at hrs. | | | | |
|-----------------------|-------|-------------------------------------|--------------|------------------------------|------------------|---------|--------------------|--------------------------|------------------------|----------|
| Site: Area A | | Initial Total Depth (ft TOC): 77.50 | | Depth to NAPL ^b : | | at hrs. | | | | |
| Developers M. Charcho | | Final Total Depth (ft TOC): 77.50 | | Weather: | | | | | | |
| Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH | Temp. ^g | Spec. Cond. ^h | Turbidity ⁱ | Comments |
| 9-4-01 | 15:50 | Water | | Initial | 22.12 | 7.28 | 17.3 | 734 | Very turbid | |
| | 16:00 | | | 9.0 | 51.50 | 7.20 | 13.6 | 801 | Very turbid | |
| | 16:10 | | | 18.0 | 64.75 | 7.80 | 15.0 | 812 | Very turbid | |
| | 16:25 | | | 27.0 | 54.02 | 7.55 | 15.5 | 782 | Very turbid | |
| | 16:35 | | | 36.0 | 63.30 | 7.56 | 14.0 | 768 | Very turbid | |
| | 14:50 | | | 45.0 | 89.80 | 7.54 | 14.3 | 745 | Very turbid | |
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IMHOFF CONE TEST
 Start Time: _____

Volume Water: _____

End Time: _____

Volume Sediment: _____

a. Top of casing.
 b. NAPL - nonaqueous phase liquid.
 c. Gallons per minute.
 d. Cumulative gallons
 e. Depth to water.
 f. Standard units
 g. °C, unless °F noted.
 h. Specific conductance, μmhos/cm (or μS/cm).
 i. Visual unless otherwise noted.

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

| Job Number <u>21007</u> | | Well No. and Type: <u>NW-15</u> | | Static Water Depth (ft TOC ^c): | | at | | hrs. | | |
|-----------------------------|-------|--|--------------|--|------------------|-----------------|--------------------|--------------------------|------------|----------|
| Site: <u>Area A</u> | | Initial Total Depth (ft TOC): <u>24.20</u> | | Depth to NAPL ^b | | | | | | |
| Developers: <u>S. Heath</u> | | Final Total Depth (ft TOC): <u>24.20</u> | | Weather: | | | | | | |
| Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity | Comments |
| 9-4-01 | 15:45 | <u>5. 4 (20) / 10</u> | | Initial | 23.10 | 7.11 | 17.8 | 980 | clear | |
| | 15:46 | | | .2 | | 6.99 | 16.0 | 980 | sl. clear | |
| | 15:48 | | | .4 | 23.10 | 6.99 | 14.9 | 1016 | sl. clear | |
| | 15:50 | | | .6 | | 7.04 | 15.0 | 999 | sl. Turbid | |
| | 15:52 | | | .8 | | 6.95 | 14.8 | 955 | sl. clear | |
| | 15:54 | | | 1.0 | 23.09 | 6.97 | 14.3 | 1004 | sl. clear | |
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IMHOFF CONE TEST
Start Time: _____

Volume Water: _____

Volume Sediment: _____

a. Top of casing.
 b. NAPL - nonaqueous phase liquid.
 c. Gallons per minute.
 d. Cumulative gallons
 e. Depth to water.
 f. Standard units
 g. °C, unless noted.
 h. Specific conductance, μmhos/cm (or μS/cm).
 i. Visual unless otherwise noted.

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

| Job Number 521002 Site: Area A Developers S. H. [Signature] | | Well No. and Type: MW-6D Initial Total Depth (ft TOC): 43.55 Final Total Depth (ft TOC): 44.35 | | | Static Water Depth (ft TOC): at hrs. at hrs. Depth to NAPL: N/A Weather: Sunny 80°S | | | | | |
|---|-------|--|--------------|----------------------------|---|-----------------|--------------------|--------------------------|------------------------|-------------|
| Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DIW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity ⁱ | Comments |
| 8-4-01 | 15:00 | water | | Initial | 21.68 | 7.36 | 18.4 | 1079 | sl. turbid | |
| | 15:05 | | | 4.0 | 21.65 | 7.36 | 15.4 | 1083 | | Very turbid |
| | 15:09 | | | 8.0 | 21.65 | 7.34 | 14.2 | 1113 | | |
| | 15:13 | | | 12.0 | 21.65 | 7.30 | 13.4 | 943 | sl. turbid | |
| | 15:17 | | | 16.0 | 21.65 | 7.30 | 13.0 | 1122 | sl. clear | |
| | 15:21 | | | 20.0 | 21.65 | 7.26 | 12.9 | 1131 | sl. clear | |
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IMHOFF CONE TEST

Start Time: _____ Volume Water: _____ End Time: _____ Volume Sediment: _____

a. Top of casing.
b. NAPL - nonaqueous phase liquid.
c. Gallons per minute.
d. Cumulative gallons.
e. Depth to water.
f. Standard units.
g. °C, unless °F noted.
h. Specific conductance, µmhos/cm (or µS/cm).
i. Visual unless otherwise noted.

00700011 25.10.10

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

| Job Number <u>SBI002</u> | | Well No. and Type: <u>M1W-85</u> | | Static Water Depth (ft TOC): _____ at _____ hrs. | | | | | | |
|--------------------------------|-------|--|--------------|--|------------------|-----------------|--------------------|--------------------------|------------------------|----------|
| Site: <u>Area A</u> | | Initial Total Depth (ft TOC): <u>23.60</u> | | Depth to NAPL: <u>N/A</u> at _____ hrs. | | | | | | |
| Developers: <u>M. Charchol</u> | | Final Total Depth (ft TOC): <u>23.60</u> | | Weather: <u>Sunny 80's</u> | | | | | | |
| Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity ⁱ | Comments |
| 9-4-01 | 15:00 | 5x.5x2 done | | <u>1.4</u> | <u>23.60</u> | <u>7.73</u> | <u>17.4</u> | 826 | <u>Sl. Turbid</u> | |
| ↓ | 15:02 | ↓ | | <u>.4</u> | <u>21.60</u> | <u>7.43</u> | <u>16.3</u> | <u>892</u> | <u>Sl. Turbid</u> | |
| ↓ | 15:05 | ↓ | | <u>.8</u> | <u>21.65</u> | <u>7.44</u> | 15.4 | <u>850</u> | <u>Sl. Turbid</u> | |
| ↓ | 15:08 | ↓ | | <u>1.2</u> | <u>21.65</u> | <u>7.41</u> | <u>14.0</u> | <u>912</u> | <u>Sl. Turbid</u> | |
| ↓ | 15:12 | ↓ | | <u>1.6</u> | <u>21.65</u> | <u>7.35</u> | <u>13.3</u> | <u>919</u> | <u>"</u> | |
| ↓ | 15:15 | ↓ | | <u>2.0</u> | <u>21.65</u> | <u>7.36</u> | <u>13.0</u> | <u>921</u> | <u>"</u> | |
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IMHOFF CONE TEST
 Start Time: _____ Volume Water: _____ End Time: _____
 Volume Sediment: _____

a. Top of casing.
 b. NAPL - nonaqueous phase liquid.
 c. Gallons per minute.
 d. Cumulative gallons
 e. Depth to water.
 f. Standard units
 g. °C, unless noted.
 h. Specific conductance, µmhos/cm (or µS/cm).
 i. Visual unless otherwise noted.

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

25.65 1149

| Job Number SBI002 | Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^a | pH ⁱ | Temp. ^e | Spec. Cond. ^h | Turbidity ⁱ | Static Water Depth (ft TOC) ^b Depth to NAPL ^b | Weather: | at hrs. |
|----------------------|--------|------|--------------|--------------|----------------------------|------------------|-----------------|--------------------|--------------------------|------------------------|--|----------|---------|
| | | | | | | | | | | | | | |
| | 9-3-01 | 1155 | S.S. water | | washed | 25.65 | 7.70 | 18.7 | 843 | Brown silt | 75° Sunny | | |
| | | 1200 | | | 0.75 | 25.63 | 7.42 | 17.7 | 838 | " | | | |
| | | 1205 | | | 1.50 | 25.65 | 7.55 | 17.3 | 873 | | | | |
| | | 1208 | | | 0.225 | 25.65 | 7.39 | 17.5 | 838 | | | | |
| | | 1214 | | | 3.0 | 25.64 | 7.36 | 15.5 | 909 | | | | |
| | | 1217 | | | 3.75 | 25.65 | 7.35 | 15.4 | 891 | | | | |
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IMHOFF CONE TEST
Start Time: _____

Volume Water: _____

End Time: _____

Volume Sediment: _____

a. Top of casing
b. NAPL - nonaqueous phase liquid.
c. Gallons per minute.

d. Cumulative gallons
e. Depth to water.

f. Standard units
g. °C, unless °F noted.

h. Specific conductance, umhos/cm (or µS/cm).
i. Visual unless otherwise noted.

1 well vol. = 0.68 gallons

24.49 10.57

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

| Job Number: <u>SBF020</u> | | Well No. and Type: <u>HMW-205</u> | | | Static Water Depth (ft TOC): <u> </u> at <u> </u> hrs. | | | Depth to NAPL: <u> </u> at <u> </u> hrs. | | |
|---------------------------|-------|---|--------------|----------------------------|--|-----------------|--------------------|--|------------------------|----------|
| Site: <u>S. Heath</u> | | Initial Total Depth (ft TOC): <u>22.75'</u> | | | Weather: <u> </u> | | | | | |
| Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity ⁱ | Comments |
| 9-4-01 | 11:00 | SS. Bubbly | | initial | 24.49 | 6.90 | 22.33 | 726 | Clear | |
| | 11:05 | | | 0.75 | 24.50 | 6.98 | 22.1 | 725 | Burrsity | |
| | 11:10 | | | 1.50 | 24.49 | 7.12 | 22.2 | 766 | " | |
| | 11:13 | | | 2.25 | 24.50 | 7.22 | 20.5 | 770 | " | |
| | 11:17 | | | 3.0 | 24.50 | 7.41 | 19.1 | 788 | " | |
| | 11:21 | | | 3.75 | 24.50 | 7.30 | 18.3 | 782 | " | |
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IMHOFF CONE TEST

Start Time: _____

Volume Water: _____

Volume Sediment: _____

a. Top of casing.
 b. NAPL - nonaqueous phase liquid.
 c. Gallons per minute.
 d. Cumulative gallons
 e. Depth to water.
 f. Standard units
 g. °C, unless °F noted.
 h. Specific conductance, µmhos/cm (or µS/cm).
 i. Visual unless otherwise noted.

(well volume = 0.53)

(242) 1055

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

| Job Number | Developers | Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DIW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity ⁱ | Comments | Static Water Depth (ft TOC): / at hrs. | |
|------------|------------|------|-------|--------------|--------------|----------------------------|------------------|-----------------|--------------------|--------------------------|------------------------|----------|--|----------------------------|
| | | | | | | | | | | | | | Initial Total Depth (ft TOC): | Depth to NAPL ^b |
| 8-30-01 | S. Heath | | 11:00 | SS, P, SD | | und | 24.29 | 6.77 | 20.9 | 1048 | | | | |
| " | " | | 11:05 | " | | 0.75 | 24.30 | 6.86 | 20.3 | 1048 | | | | |
| " | " | | 11:09 | " | | 1.50 | 24.30 | 6.85 | 18.3 | 1038 | | | | |
| " | " | | 11:15 | " | | 2.25 | 24.29 | 6.89 | 18.4 | 1087 | | | | |
| " | " | | 11:20 | " | | 3.00 | 24.30 | 6.91 | 17.1 | 1095 | | | | |
| " | " | | 11:25 | " | | 3.75 | 24.30 | 6.88 | 18.4 | 1070 | | | | |
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Job Number S. Blood

Developers S. Heath

Well No. and Type: HMW-105

Initial Total Depth (ft TOC): 28.15'

Final Total Depth (ft TOC): 28.15'

Static Water Depth (ft TOC): / at hrs.

Depth to NAPL^b

Weather:

Spec. Cond.^h

Temp.^g

pH^f

DIW^e

Volume Purged^d

Pumping Rate

Purge Method

Time

Date

Developers

Job Number

Static Water Depth (ft TOC): / at hrs.

Depth to NAPL^b

Weather:

Temp.^g

Spec. Cond.^h

Turbidityⁱ

Comments

IMHOFF CONE TEST

Start Time: _____

Volume Water: _____

End Time: _____

Volume Sediment: _____

- a. Top of casing.
- b. NAPL - nonaqueous phase liquid.
- c. Gallons per minute.

- d. Cumulative gallons
- e. Depth to water.

- f. Standard units
- g. °C, unless otherwise noted.

- h. Specific conductance, μmhos/cm (or μS/cm).
- i. Visual unless otherwise noted.

1 well vol. = 0.63 gal

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

25.13 9:06

| Job Number Site: Developers | Well No. and Type: <u>HW-19</u> | | | Static Water Depth (ft TOC): _____ at _____ hrs. | | | Comments | |
|-----------------------------------|---------------------------------|----------------------------------|--|--|--------------------|--------------------------|------------------------|-----------|
| | Date | Time | Initial Total Depth (ft TOC): <u>65.93</u> | Final Total Depth (ft TOC): _____ | Temp. ^g | Spec. Cond. ^h | | |
| Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ^f | Turbidity ⁱ | |
| 9-5-01 | 9:19 | Whorls Proprietary | | 12.0 | 25.13 | 7.30 | 1089 | Clear |
| | 9:26 | | | 6.75 | 25.15 | 7.26 | 1083 | Brum Sity |
| | 9:35 | | | 13.5 | 25.18 | 7.26 | 1087 | " |
| | 9:44 | | | 20.25 | 25.19 | 7.27 | 1068 | " |
| | 9:51 | | | 27.0 | 25.18 | 7.26 | 1099 | " |
| | 10:02 | | | 33.75 | 25.20 | 7.25 | 1095 | " |
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IMHOFF CONE TEST
 Start Time: _____ Volume Water: _____ End Time: _____
 Volume Sediment: _____

- a. Top of casing.
- b. NAPL - nonaqueous phase liquid.
- c. Gallons per minute.
- d. Cumulative gallons
- e. Depth to water.
- f. Standard units
- g. °C, unless of noted.
- h. Specific conductance, umhos/cm (or μS/cm).
- i. Visual unless otherwise noted.

well vol = 6.65

25.08 9:10

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

| Job Number | Developers | Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity | Comments |
|------------|------------|-------|------|------------------|--------------|----------------------------|------------------|-----------------|--------------------|--------------------------|-------------|----------|
| 9-501 | | 09/15 | | Stainless Boiler | | 1.1 | 25.10 | 7.25 | 12.8 | 1034 | Very Turbid | |
| | | 09/25 | | Disp Boiler | | 3.0 | 25.10 | 7.23 | 12.2 | 1031 | Very Turbid | |
| | | 09/30 | | Disp Boiler | | 3.0 | 25.10 | 7.23 | 12.0 | 1031 | Very Turbid | |
| | | 09/35 | | Disp Boiler | | 3.0 | 25.10 | 7.25 | 12.6 | 1040 | Very Turbid | |
| | | 09/41 | | Disp Boiler | | 3.0 | 25.10 | 7.27 | 12.6 | 1040 | Very Turbid | |
| | | 09/46 | | Disp Boiler | | 3.0 | 25.10 | 7.27 | 12.5 | 1050 | Very Turbid | |
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Well No. and Type: MW-11D
 Initial Total Depth (ft TOC): 43.70
 Final Total Depth (ft TOC): 43.75
 Static Water Depth (ft TOC): at hrs.
 Depth to NAPL^b: at hrs.
 Weather: 65° Sunny

IMHOFF CONE TEST

Start Time: _____

Volume Water: _____

Volume Sediment: _____

End Time: _____

- a. Top of casing.
- b. NAPL - nonaqueous phase liquid.
- c. Gallons per minute.
- d. Cumulative gallons
- e. Depth to water.
- f. Standard units
- g. °C, unless °F noted.
- h. Specific conductance, µmhos/cm (or µS/cm).
- i. Visual unless otherwise noted.

1 well vol = 3.0

25.33 7:24

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

| Job Number | Developers | Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ⁱ | Temp. ^g | Spec. Cond. ^h | Turbidity | Static Water Depth (ft TOC) ^b ; at hrs. | Depth to NAPL ^b ; at hrs. | Weather: 65° Sunny |
|------------|------------|------|------|----------------------------|--------------|----------------------------|------------------|-----------------|--------------------|--------------------------|------------|--|--------------------------------------|--------------------|
| 521002 | | 9-01 | 7:37 | Hand Dip Net | unval | → | 25.33 | 6.71 | 14.2 | 959 | Very Brown | | | |
| | | | 7:59 | | 3.25 | | 25.65 | 7.18 | 12.9 | 1001 | | | | |
| | | | 8:08 | | 6.50 | | 25.64 | 7.30 | 12.8 | 1020 | | | | |
| | | | 8:19 | | 9.75 | | 25.65 | 7.37 | 12.7 | 1052 | | | | |
| | | | 8:28 | | 13.0 | | 25.65 | 7.30 | 12.7 | 1058 | | | | |
| | | | 8:37 | | 16.25 | | 25.64 | 7.30 | 12.7 | 1063 | | | | |
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Well No. and Type: MW-25 ~~01~~ Static Water Depth (ft TOC)^b; at hrs.

Initial Total Depth (ft TOC): 44.36 Final Total Depth (ft TOC):

IMHOFF CONE TEST
 Start Time: _____ Volume Water: _____ End Time: _____
 Volume Sediment: _____

a. Top of casing
 b. NAPL - nonaqueous phase liquid.
 c. Gallons per minute.
 d. Cumulative gallons
 e. Depth to water.
 f. Standard units
 g. °C, unless of noted.
 h. Specific conductance, µmhos/cm (or µS/cm).
 i. Visual unless otherwise noted.

1 well vol = 3.10 gal

6.60 gal 1 WZK VOX

24.82

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

| Job Number Date | Time | Purge Method | Pumping Rate | Well No. and Type: | | DTW ^a | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity ⁱ | Comments |
|--|------|--------------|--------------|------------------------------|----------------------------|------------------|-----------------|--------------------|--------------------------|------------------------|----------|
| | | | | Initial Total Depth (ft TOC) | Final Total Depth (ft TOC) | | | | | | |
| 8-27-01 8-27-01 8-27-01 8-27-01 8-27-01 8-27-01 | 1544 | Waterria | | Initial | 25.12 | 7.25 | 19.1 | 976 | | dk brown some silt | |
| | 1557 | Waterria | | 7.0 | 25.14 | 7.10 | 15.3 | 992 | | dk brown lot of silt | |
| | 1609 | Waterria | | 14.0 | 24.98 | 7.22 | 16.0 | 987 | | dk brown lot of silt | |
| | 1431 | Waterria | | 21.0 | 24.92 | 7.21 | 14.6 | 994 | | dk brown lots of silt | |
| | 1441 | Waterria | | 28.0 | 24.91 | 7.18 | 14.4 | 1010 | | dk brown lots of silt | |
| | 1453 | Waterria | | 35.0 | 24.92 | 7.21 | 14.3 | 1004 | | | |
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Static Water Depth (ft TOC): 1527 at hrs. 1527
 Depth to NAPL: N/A
 Weather: 85 Partly Cloudy

IMHOFF CONE TEST
 Start Time: _____

Volume Water: _____

End Time: _____

Volume Sediment: _____

- a. Top of casing
- b. NAPL - nonaqueous phase liquid
- c. Gallons per minute
- d. Cumulative gallons
- e. Depth to water
- f. Standard units
- g. °C, unless otherwise noted
- h. Specific conductance, umhos/cm (or µS/cm)
- i. Visual unless otherwise noted

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

250 1832

| Job Number 735002 Site: Area A Developers: David S. Heath <i>WNY</i> | | | Well No. and Type: <i>1 MW-132</i> | | | Static Water Depth (ft TOC ^a): _____ at _____ hrs. Depth to NAPL ^b / MWL _____ at _____ hrs. Weather: <i>in. 2000's</i> | | | | |
|---|------|--------------------|------------------------------------|----------------------------|------------------|--|--------------------|--------------------------|------------------------|----------|
| Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity ⁱ | Comments |
| 9/5/01 | 1850 | <i>Dup. Verben</i> | | <i>wt</i> | <i>25.0</i> | <i>7.35</i> | <i>14.0</i> | <i>969</i> | | |
| | 1856 | | | <i>3.25</i> | <i>25.0</i> | <i>7.31</i> | <i>14.1</i> | <i>965</i> | | |
| | 1900 | | | <i>6.50</i> | <i>25.0</i> | <i>7.29</i> | <i>13.3</i> | <i>972</i> | | |
| | 1906 | | | <i>9.75</i> | <i>24.90</i> | <i>7.30</i> | <i>13.5</i> | <i>900</i> | | |
| | 1910 | | | <i>13.0</i> | <i>25.0</i> | <i>7.31</i> | <i>13.5</i> | <i>950</i> | | |
| | 1915 | | | <i>19.25</i> | <i>24.99</i> | <i>7.39</i> | <i>14.2</i> | <i>986</i> | | |
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IMHOFF CONE TEST

Start Time: _____ Volume Water: _____ End Time: _____ Volume Sediment: _____

- a. Top of casing.
- b. NAPL - nonaqueous phase liquid.
- c. Gallons per minute.
- d. Cumulative gallons
- e. Depth to water.
- f. Standard units
- g. °C, unless °F noted.
- h. Specific conductance, μmhos/cm (or μS/cm).
- i. Visual unless otherwise noted.

1 MW-132 = 315 gal

22.98 7:00

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

| Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity ⁱ | Comments |
|--------|------|--------------|--------------|----------------------------|------------------|-----------------|--------------------|--------------------------|------------------------|----------|
| 9-7-01 | 0825 | water | | 10.0 | 22.98 | 7.30 | 15.0 | 891 | vert turbid | |
| 9-7-01 | 940 | water | | 20.0 | 22.98 | 7.22 | 14.0 | 931 | " | |
| 9-7-01 | 849 | water | | 30.0 | 22.99 | 7.31 | 15.1 | 880 | vert turbid | |
| 9-7-01 | 0556 | water | | 40.0 | 22.95 | 7.34 | 15.1 | 879 | vert turbid | |
| 9-7-01 | 910 | water | | 50.0 | | 7.33 | 15.1 | 901 | vert turbid | |

Job Number 555002
 Site: Area #
 Developers: M. Chardal / S. Neath
 Well No. and Type: MMW-917
 Initial Total Depth (ft TOC): 64.5
 Final Total Depth (ft TOC): 64.0
 Static Water Depth (ft TOC): N/A
 Depth to NAPL: N/A
 Weather: 05 P/C

IMHOFF CONE TEST

Start Time: _____ Volume Water: _____ End Time: _____
 Volume Sediment: _____

- a. Top of casing.
- b. NAPL - nonaqueous phase liquid.
- c. Gallons per minute.
- d. Cumulative gallons
- e. Depth to water.
- f. Standard units
- g. °C, unless otherwise noted.
- h. Specific conductance, μmhos/cm (or μS/cm).
- i. Visual unless otherwise noted.

1 well vol = 10.0 gal

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

24.79 724

| Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity | Static Water Depth (ft TOC): | |
|--------|------|--------------|--------------|----------------------------|------------------|-----------------|--------------------|--------------------------|-----------|------------------------------|---------|
| | | | | | | | | | | at hrs. | at hrs. |
| 9/5/01 | 0825 | Top Valve | | 0.75 | 24.80 | 7.31 | 13.0 | 1090 | | | |
| 9/5/01 | 0824 | Dip Bar | | 0.75 | 24.80 | 7.31 | 12.9 | 1014 | | | |
| 9/5/01 | 0830 | Dip Bar | | 0.75 | 24.80 | 7.28 | 12.8 | 1028 | | | |
| 9/5/01 | 0835 | Dip Bar | | 0.75 | 24.80 | 7.25 | 12.7 | 1031 | | | |
| 9/5/01 | 0837 | Dip Bar | | 0.75 | 24.80 | 7.26 | 12.7 | 1040 | | | |
| 9/5/01 | 0839 | Purge Bar | | 0.75 | 24.80 | 7.27 | 12.7 | 1032 | | | |
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Well No. and Type: **NW-255**
 Initial Total Depth (ft TOC): **28.10**
 Final Total Depth (ft TOC):
 Weather: **65° Sunny**

IMHOFF CONE TEST

Start Time: _____

Volume Water: _____

End Time: _____

Volume Sediment: _____

- a. Top of casing.
- b. NAPL - nonaqueous phase liquid.
- c. Gallons per minute.

- d. Cumulative gallons
- e. Depth to water.

- f. Standard units
- g. °C, unless °F noted.

- h. Specific conductance, umhos/cm (or μS/cm).
- i. Visual unless otherwise noted.

1 well vol = 0.54 gal

2382 7:00

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

| Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity ⁱ | Static Water Depth (ft TOC ^b): | | Comments |
|--------|------|--------------|--------------|----------------------------|------------------|-----------------|--------------------|--------------------------|------------------------|--|-----------------------------|----------|
| | | | | | | | | | | Initial Total Depth (ft TOC): | Final Total Depth (ft TOC): | |
| 9-7-01 | 8:18 | App/Leaky | | 1.0 | 23.82 | 7.14 | 12.8 | 853 | Very Dirty | NA | NA | |
| | 8:20 | ↓ | | 2.0 | 23.81 | 7.09 | 12.9 | 795 | " | | | |
| | 8:23 | ↓ | | 3.0 | 23.82 | 7.11 | 12.9 | 802 | " | | | |
| | 8:25 | ↓ | | 4.0 | 23.82 | 7.09 | 13.0 | 808 | " | | | |
| | 8:27 | ↓ | | 5.0 | 23.81 | 7.03 | 13.4 | 821 | " | | | |
| | 8:30 | ↓ | | | 23.81 | 7.06 | 13.1 | 807 | " | | | |
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Well No. and Type: 11M6-95
 Initial Total Depth (ft TOC): 29.78
 Final Total Depth (ft TOC): 29.96
 Static Water Depth (ft TOC^b): at hrs.
 Depth to NAPL^b: NA at hrs.
 Weather: 65° PK

Job Number 581007
 Site: Area # M. Charcoal
 Developers

IMHOFF CONE TEST
 Start Time: _____ Volume Water: _____ End Time: _____
 Volume Sediment: _____

a. Top of casing.
 b. NAPL - nonaqueous phase liquid.
 c. Gallons per minute.
 d. Cumulative gallons
 e. Depth to water.
 f. Standard units
 g. °C, unless of noted.
 h. Specific conductance, µmhos/cm (or µS/cm).
 i. Visual unless otherwise noted.

1 well vol = 1.0 gal

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

25.85 7:30

Job Number 5181002
Site: Area A
Developer M. Charchak

Well No. and Type: HMW-17A
Initial Total Depth (ft TOC): 65.56
Final Total Depth (ft TOC): 65.92
Weather: 65° Sunny

Static Water Depth (ft TOC): at hrs. at hrs.
Depth to NAPL: N/A
Spec. Cond.:
Turbidity

| Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity | Comments |
|--------|------|--------------|--------------|----------------------------|------------------|-----------------|--------------------|--------------------------|-------------|----------|
| 9-5-01 | 0740 | WATER | | 5.1 | 25.90 | 7.17 | 14.9 | 990 | very turbid | |
| 9-5-01 | 0748 | WATER | | 6.75 | 25.90 | 7.23 | 13.6 | 1035 | very turbid | |
| 9-5-01 | 0755 | WATER | | 6.75 | 25.90 | 7.18 | 13.1 | 1060 | very turbid | |
| 9-5-01 | 0803 | WATER | | 6.75 | 25.90 | 7.22 | 13.1 | 1059 | very turbid | |
| 9-5-01 | 0808 | WATER | | 6.75 | 25.89 | 7.33 | 13.3 | 1072 | very turbid | |
| 9-5-01 | 0811 | WATER | | 6.75 | 25.90 | 7.36 | 13.2 | 1069 | very turbid | |
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IMHOFF CONE TEST
 Start Time: _____ End Time: _____
 Volume Water: _____ Volume Sediment: _____
 a. Top of casing. f. Standard units
 b. NAPL - nonaqueous phase liquid. g. °C, unless °F noted.
 c. Gallons per minute. h. Specific conductance, μmhos/cm (or μS/cm).
 i. Visual unless otherwise noted.

1 well val = 6.64

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

25.00 1832

| Job Number <u>S61002</u> | | | Well No. and Type: <u>AMW-13D</u> | | | Static Water Depth (ft TOC): at hrs. | | | | |
|--------------------------|------|--------------|---|----------------------------|------------------|--------------------------------------|--------------------|--------------------------|------------------------|----------|
| Site: | | | Initial Total Depth (ft TOC): <u>86.0</u> | | | Depth to NAPL at hrs. | | | | |
| Developers | | | Final Total Depth (ft TOC): <u>86.72</u> | | | Weather: | | | | |
| Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity ⁱ | Comments |
| 9-5-01 | 1840 | DS Bailor | 7 | | 25.0 | 7.51 | 14.9 | 925 | very turbid | |
| 9-5-01 | 1850 | DS Bailor | | | 25.0 | 7.32 | 14.5 | 917 | very turbid | |
| 9-6-01 | 1855 | DS Bailor | | | 25.0 | 7.32 | 14.2 | 946 | very turbid | |
| 9-5-01 | 1903 | DS Bailor | | | 25.0 | 7.34 | 14.1 | 886 | very turbid | |
| 9-5-01 | 1910 | DS Bailor | | | 25.0 | 7.36 | 14.3 | 902 | very turbid | |
| 9-5-01 | 1916 | DS Bailor | | | 24.95 | 7.33 | 13.6 | 953 | very turbid | |
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IMHOFF CONE TEST

Start Time: _____ Volume Water: _____ End Time: _____ Volume Sediment: _____

a. Top of casing.
 b. NAPL - nonaqueous phase liquid.
 c. Gallons per minute.
 d. Cumulative gallons
 e. Depth to water.
 f. Standard units
 g. °C, unless °F noted.
 h. Specific conductance, μmhos/cm (or μS/cm).
 i. Visual unless otherwise noted.

WV = 9.0 cfd

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

2495 at hrs. 1835

| Job Number | | | Well No. and Type: | | | | Static Water Depth (ft TOC ^a): | | | | at hrs. | | |
|------------|------|--------------|-------------------------------|----------------------------|------------------|-----------------|--|--------------------------|------------------------|--|----------|--|--|
| Site: | | | Initial Total Depth (ft TOC): | | | | Depth to NAPL ^b : | | | | at hrs. | | |
| Developers | | | Final Total Depth (ft TOC): | | | | Weather: | | | | Comments | | |
| Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity ⁱ | | | | |
| 9-5-01 | 1921 | Dig. Bailer | | 0.5 | 24.95 | 7.00 | 13.1 | 1098 | | | | | |
| 9-5-01 | 1923 | Dig. Bailer | | 1.0 | 24.95 | 7.16 | 13.3 | 1034 | | | | | |
| 9-5-01 | 1925 | Dig. Bailer | | 1.5 | 24.95 | 7.07 | 13.0 | 1030 | | | | | |
| 9-5-01 | 1926 | Dig. Bailer | | 2.0 | 24.95 | 7.06 | 12.9 | 1025 | | | | | |
| 9-5-01 | 1927 | Dig. Bailer | | 2.5 | 24.95 | 7.06 | 12.8 | 1029 | | | | | |
| 9-5-01 | 1928 | Dig. Bailer | | | 24.95 | 7.07 | 12.1 | 1028 | | | | | |
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IMHOFF CONE TEST

Start Time: _____ Volume Water: _____ End Time: _____ Volume Sediment: _____

- a. Top of casing.
- b. NAPL - nonaqueous phase liquid.
- c. Gallons per minute.
- d. Cumulative gallons
- e. Depth to water.
- f. Standard units
- g. °C, unless °F noted.
- h. Specific conductance, μmhos/cm (or μS/cm).
- i. Visual unless otherwise noted.

1 ml = 0.47 gpd

24.51 1938

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

| Job Number Site: Developers | Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity ⁱ | Static Water Depth (ft TOC ^b): at hrs. | |
|-----------------------------------|------|------|--------------|--------------|----------------------------|------------------|-----------------|--------------------|--------------------------|------------------------|--|-----------------------------|
| | | | | | | | | | | | Initial Total Depth (ft TOC): | Final Total Depth (ft TOC): |
| | 9501 | 1990 | dump lead | | 4.8 | 24.51 | 7.60 | 13.2 | 1023 | very turbid | 29.30 | 29.30 |
| | | 1994 | | | 10. | 24.51 | 7.33 | 12.1 | 985 | | | |
| | | 1997 | | | 2.0 | 24.50 | 7.20 | 12.0 | 1002 | | | |
| | | 1951 | | | 3.0 | 24.51 | 7.15 | 12.4 | 994 | | | |
| | | 1954 | | | 4.0 | 24.50 | 7.15 | 11.8 | 1004 | | | |
| | | 1957 | | | 5.0 | 24.51 | 7.20 | 11.8 | 998 | | | |
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IMHOFF CONE TEST
 Start Time: _____ Volume Water: _____ End Time: _____ Volume Sediment: _____

a. Top of casing.
 b. NAPL - nonaqueous phase liquid.
 c. Gallons per minute.
 d. Cumulative gallons
 e. Depth to water.
 f. Standard units
 g. °C, unless °F noted.
 h. Specific conductance, µmhos/cm (or µS/cm).
 i. Visual unless otherwise noted.

1 well used = 0.78 gpd

1 D. 4 well volume

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

| Job Number 532002 Site: Area A Developers S. Heath | Well No. and Type: HMW-60 | | Static Water Depth (ft TOC): | | Spec. Cond. ^h | Turbidity ⁱ | Comments | | | |
|--|-------------------------------------|-----------------------------------|--------------------------------|----------------------------|--------------------------|------------------------|--------------------|-----|-----------|--|
| | Initial Total Depth (ft TOC): 83.48 | Final Total Depth (ft TOC): 85.80 | Depth to NAPL ^b N/A | at hrs. at hrs. | | | | | | |
| Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ^f | Temp. ^g | | | |
| 9-5-01 | 17:05 | Water | | initial | 20.07 | 7.44 | 18.1 | 708 | 51. Clear | |
| | 17:23 | | | 10.5 | 20.07 | 7.31 | 13.0 | 744 | turbid | |
| | 17:33 | | | 21.0 | 20.11 | 7.57 | 15.1 | 728 | " | |
| | 17:39 | | | 31.5 | 20.15 | 7.36 | 13.2 | 740 | " | |
| | 17:48 | | | 42.0 | 20.14 | 7.38 | 12.9 | 745 | | |
| | 17:58 | | | 52.5 | 20.10 | 7.41 | 13.1 | 740 | ↓ | |
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IMHOFF CONE TEST
Start Time: _____

Volume Water: _____

End Time: _____

Volume Sediment: _____

a. Top of casing.
b. NAPL - nonaqueous phase liquid.
c. Gallons per minute.

d. Cumulative gallons
e. Depth to water.

f. Standard units
g. °C, unless otherwise noted.

h. Specific conductance, μmhos/cm (or μS/cm).
i. Visual unless otherwise noted.

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

20.91 1731

| Job Number | Date | Site: | Developers | M. Chrg. No. | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity ⁱ | Comments | Static Water Depth (ft TOC ^a): | |
|------------|------|-------|--------------|--------------|------|--------------|--------------|----------------------------|------------------|-----------------|--------------------|--------------------------|------------------------|----------|--|---------|
| | | | | | | | | | | | | | | | at hrs. | at hrs. |
| 959 | 1735 | SEED | M. Chrg. No. | | 1735 | Depth | | | 20.91 | 7.31 | 14.8 | 732 | Very turbid | | | |
| | 1738 | | | | 1738 | | 0.75 | 20.91 | 7.31 | 14.6 | 862 | | | | | |
| | 1740 | | | | 1740 | | 1.50 | 20.91 | 7.30 | 13.4 | 864 | | | | | |
| | 1741 | | | | 1741 | | 2.25 | 20.91 | 7.22 | 13.5 | 832 | | | | | |
| | 1743 | | | | 1743 | | 3.0 | 20.91 | 7.23 | 13.3 | 859 | | | | | |
| | 1745 | | | | 1745 | | 3.75 | 20.91 | 7.26 | 13.3 | 862 | | | | | |
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IMHOFF CONE TEST

Start Time: _____ Volume Water: _____ End Time: _____ Volume Sediment: _____

- a. Top of casing.
- b. NAPL - nonaqueous phase liquid.
- c. Gallons per minute.

- d. Cumulative gallons
- e. Depth to water.

- f. Standard units
- g. °C, unless °F noted.

- h. Specific conductance, μmhos/cm (or μS/cm).
- i. Visual unless otherwise noted.

Well vol = 0.57 gal

20.35

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

| Job Number Site: Developers Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity ⁱ | Static Water Depth (ft TOC ^b): | | Comments |
|---|-------|--------------|--------------|----------------------------|------------------|-----------------|--------------------|--------------------------|------------------------|--|-----------------------------|-----------------|
| | | | | | | | | | | Initial Total Depth (ft TOC): | Final Total Depth (ft TOC): | |
| 9-5-01 | 17:20 | Perforator | | initial | 20.35 | 6.98 | 13.5 | 1007 | | | | Screen on water |
| | 17:22 | | | 0.5 | 20.35 | 6.96 | 13.4 | 982 | | | | |
| | 17:24 | | | 1.0 | | 7.04 | 13.3 | 964 | | | | |
| | 17:26 | | | 1.5 | | 7.04 | 13.4 | 940 | | | | |
| | 17:29 | | | 2.0 | | 7.05 | 13.1 | 932 | | | | |
| | 17:35 | | | 2.5 | 20.35 | 7.05 | 13.2 | 944 | | | | |
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IMHOFF CONE TEST

Start Time: _____

Volume Water: _____

End Time: _____

Volume Sediment: _____

a. Top of casing.

b. NAPL - nonaqueous phase liquid.

c. Gallons per minute.

d. Cumulative gallons

e. Depth to water.

f. Standard units

g. °C, unless otherwise noted.

h. Specific conductance, µmhos/cm (or µS/cm).

i. Visual unless otherwise noted.

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

| Job Number 531002 | | Well No. and Type: HMW/SB-1 | | Static Water Depth (ft TOC): at hrs. | | | | | | |
|-----------------------|-------|-------------------------------------|--------------|--------------------------------------|------------------|-----------------|--------------------|--------------------------|------------------------|----------------|
| Site: Area | | Initial Total Depth (ft TOC): 24.35 | | Depth to NAPL: N/A | | | | | | |
| Developers M. Chavich | | Final Total Depth (ft TOC): 24.35 | | Weather: Sunny 80°S | | | | | | |
| Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity ⁱ | Comments |
| 9-5-01 | 17:05 | Disposible Purifier | | initial | 19.65 | 7.15 | 14.9 | 959 | Very turbid | seen on sample |
| | 17:08 | | | 1.0 | 19.66 | 7.13 | 14.3 | 933 | | |
| | 17:09 | | | 2.0 | 19.66 | 7.12 | 14.0 | 981 | | |
| | 17:12 | | | 3.0 | 19.66 | 7.13 | 13.8 | 978 | | |
| | 17:14 | | | 4.0 | 19.66 | 7.25 | 14.5 | 961 | | |
| | 17:16 | | | 5.0 | 19.66 | 7.19 | 14.0 | 969 | | |
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IMHOFF CONE TEST

Start Time: _____ Volume Water: _____ End Time: _____ Volume Sediment: _____

a. Top of casing.
 b. NAPL - nonaqueous phase liquid.
 c. Gallons per minute.
 d. Cumulative gallons.
 e. Depth to water.
 f. Standard units.
 g. °C, unless °F noted.
 h. Specific conductance, µmhos/cm (or µS/cm).
 i. Visual unless otherwise noted.

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

| Job Number 5301002 | | Well No. and Type: HMMW-3s | | Static Water Depth (ft TOC): at hrs. | | | | | | |
|--------------------|-------|-------------------------------------|--------------|--------------------------------------|------------------|-----------------|--------------------|--------------------------|------------------------|----------|
| Site: Area A | | Initial Total Depth (ft TOC): 25.39 | | Depth to NAPL: N/A | | | | | | |
| Developers Health | | Final Total Depth (ft TOC): 25.39 | | Weather: Sunny 80°s | | | | | | |
| Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity ⁱ | Comments |
| 9-5-01 | 16:43 | Disposable boiler | | 1.4 gal | 20.96 | 7.51 | 14.1 | 796 | Very turbid | |
| | 16:45 | | | 1.75 | 20.94 | 7.36 | 13.9 | 865 | " | |
| | 16:46 | | | 1.5 | 20.95 | 7.35 | 13.5 | 865 | " | |
| | 16:48 | | | 2.25 | 20.95 | 7.34 | 13.5 | 844 | " | |
| | 16:51 | | | 3.0 | | 7.29 | 13.3 | 875 | " | |
| | 16:53 | | | 3.75 | 20.95 | 7.30 | 13.0 | 837 | " | |
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IMHOFF CONE TEST

Start Time: _____ Volume Water: _____ End Time: _____ Volume Sediment: _____

- a. Top of casing.
- b. NAPL - nonaqueous phase liquid.
- c. Gallons per minute.
- d. Cumulative gallons
- e. Depth to water.
- f. Standard units
- g. °C, unless °F noted.
- h. Specific conductance, μmhos/cm (or μS/cm).
- i. Visual unless otherwise noted.

60/well volume
24.67

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

| Job Number 583002 Site: Area A Developers M. Charschel | | | | Well No. and Type: HMW-45 Initial Total Depth (ft TOC): 24.67 Final Total Depth (ft TOC): 24.70 | | | | Static Water Depth (ft TOC): Depth to NAPL: N/A Weather: Sunny 80°S | | at hrs. at hrs. | |
|--|-------|----------------------|--------------|---|------------------|-----------------|--------------------|---|------------------------|--------------------|--|
| Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity ⁱ | Comments | |
| 9-5-01 | 16:41 | Dispersible Water | | Initial | 20.95 | 7.70 | 15.9 | 805 | Very Turbid | | |
| | 16:43 | ↓ | | .75 | 20.97 | 7.42 | 14.9 | 806 | " | | |
| | 16:44 | ↓ | | 1.5 | 20.97 | 7.36 | 14.6 | 830 | " | | |
| | 16:45 | ↓ | | 2.25 | 20.97 | 7.36 | 14.2 | 839 | " | | |
| | 16:46 | ↓ | | 3.0 | | 7.33 | 13.9 | 839 | " | | |
| | 16:47 | ↓ | | 3.75 | 20.97 | 7.33 | 13.9 | 852 | " | | |
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IMHOFF CONE TEST
Start Time: _____

Volume Water: _____

End Time: _____

Volume Sediment: _____

a. Top of casing.
 b. NAPL - nonaqueous phase liquid.
 c. Gallons per minute.
 d. Cumulative gallons
 e. Depth to water.
 f. Standard units
 g. °C, unless of noted.
 h. Specific conductance, μmhos/cm (or μS/cm).
 i. Visual unless otherwise noted.

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

25.17

| Job Number Site: Developers | Well No. and Type: HWW185 | | | Static Water Depth (ft TOC): at hrs. at hrs. | | | Weather: | | | |
|-----------------------------------|-------------------------------------|-----------------------------------|--------------------|--|------------------|-----------------|--------------------|--------------------------|-------------|----------|
| | Initial Total Depth (ft TOC): 31.95 | Final Total Depth (ft TOC): 31.55 | Temp. ^f | Spec. Cond. ^h | Turbidity | Comments | | | | |
| Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ⁱ | Temp. ^f | Spec. Cond. ^h | Turbidity | Comments |
| 9-5-01 | 1546 | Dsp Bg./er | | 1.07 | 25.50 | 7.50 | 14.1 | 979 | very Turbid | |
| 9-5-01 | 1549 | Dsp Bg./er | | 1.25 | 26.50 | 7.31 | 13.4 | 966 | very Turbid | |
| 9-5-01 | 1553 | Dsp Bg./er | | 2.5 | 25.50 | 7.23 | 13.0 | 993 | very Turbid | |
| 9-5-01 | 1556 | Dsp Bg./er | | 3.75 | 26.50 | 7.21 | 12.8 | 991 | very Turbid | |
| 9-5-01 | 1558 | Dsp Bg./er | | 5.0 | 26.50 | 7.21 | 12.8 | 973 | very Turbid | |
| 9-5-01 | | Dsp Bg./er | | 6.25 | 25.50 | 7.21 | 12.9 | 996 | very Turbid | |
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IMHOFF CONE TEST

Start Time: _____ Volume Water: _____ End Time: _____ Volume Sediment: _____

- a. Top of casing
- b. NAPL - nonaqueous phase liquid.
- c. Gallons per minute.
- d. Cumulative gallons
- e. Depth to water.
- f. Standard units
- g. °C, unless °F noted.
- h. Specific conductance, umhos/cm (or μS/cm).
- i. Visual unless otherwise noted.

1.06

25-70 1525

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

| Job Number 9-5-01 | Site: M. (Marche) | Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity | Comments | Static Water Depth (ft TOC ⁱ): | | |
|----------------------|----------------------|------|------|--------------|--------------|--|------------------|-----------------|--------------------|--------------------------|------------|----------|--|---------|--|
| | | | | | | | | | | | | | at hrs. | at hrs. | |
| | | | | | | Initial Total Depth (ft TOC): 30.73 Final Total Depth (ft TOC): 30.74 | | | | | | | | | |
| | | 1528 | | Duplicate | | 25.70 | 7.65 | 14.0 | 933 | | Brown silt | | | | |
| | | 1531 | | | | 25.76 | 7.32 | 13.3 | 914 | | " | | | | |
| | | 1534 | | | | 25.75 | 7.23 | 13.1 | 934 | | " | | | | |
| | | 1538 | | | | 25.75 | 7.22 | 12.9 | 933 | | " | | | | |
| | | 1542 | | | | 25.76 | 7.21 | 12.7 | 935 | | " | | | | |
| | | 1545 | | | | 25.74 | 7.23 | 12.6 | 938 | | " | | | | |
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IMHOFF CONE TEST

Start Time: _____ Volume Water: _____ End Time: _____ Volume Sediment: _____

- a. Top of casing.
- b. NAPL - nonaqueous phase liquid.
- c. Gallons per minute.
- d. Cumulative gallons
- e. Depth to water.
- f. Standard units
- g. °C, unless of noted.
- h. Specific conductance, µmhos/cm (or µS/cm).
- i. Visual unless otherwise noted.

well vol = 1.15 gpd

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

25.85 1455

| Job Number Date | Developers | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity | Static Water Depth (ft TOC ⁱ): | | Comments |
|--------------------|------------|------|--------------|--------------|----------------------------|------------------|-----------------|--------------------|--------------------------|-----------|--|----------------------------|------------|
| | | | | | | | | | | | Initial Total Depth (ft TOC) | Final Total Depth (ft TOC) | |
| 9-5-01 | | 1504 | Drop Casing | | 1.0 | 25.85 | 7.03 | 14.0 | 968 | | 80 Sunny | | |
| | | 1507 | | | .75 | 25.83 | 7.05 | 14.6 | 947 | | | | Began silt |
| | | 1510 | | | 1.50 | 25.84 | 7.17 | 14.7 | 911 | | | | " |
| | | 1513 | | | 2.25 | 25.83 | 7.11 | 15.3 | 930 | | | | " |
| | | 1516 | | | 3.0 | 25.84 | 7.08 | 15.5 | 960 | | | | " |
| | | | | | 3.75 | 25.83 | 7.06 | 14.4 | 960 | | | | " |
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IMHOFF CONE TEST

Start Time: _____ Volume Water: _____ End Time: _____ Volume Sediment: _____

a. Top of casing
 b. NAPL - nonaqueous phase liquid.
 c. Gallons per minute.
 d. Cumulative gallons
 e. Depth to water.
 f. Standard units
 g. °C, unless °F noted.
 h. Specific conductance, μmhos/cm (or μS/cm).
 i. Visual unless otherwise noted.

1 well vol - 0.56 gal

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

25.75 1455

| Job Number Developers Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity ⁱ | Static Water Depth (ft TOC) ^b : at hrs. Depth to NAPL ^b at hrs. | |
|----------------------------------|------|--------------|--------------|----------------------------|------------------|-----------------|--------------------|--------------------------|------------------------|--|--|
| | | | | | | | | | | Weather: 80° Sunny | |
| 9-5-01 | 1500 | Dip Bailer | | 1.01 | 25.75 | 7.09 | 14.9 | 924 | very turbid | | |
| 9-5-01 | 1502 | Dip Bailer | | 1.5 | 25.75 | 6.95 | 14.6 | 943 | very turbid | | |
| 9-5-01 | 1505 | Dip Bailer | | 1.0 | 25.75 | 6.99 | 15.0 | 928 | very turbid | | |
| 9-5-01 | 1509 | Dip Bailer | | 1.42 | 25.77 | 7.11 | 15.2 | 947 | very turbid | | |
| 9-5-01 | 1512 | Dip Bailer | | 1.25 | 25.77 | 7.01 | 14.7 | 962 | very turbid | | |
| 9-5-01 | 1515 | Dip Bailer | | 2.25 | 25.75 | 6.99 | 15.3 | 964 | very turbid | | |
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IMHOFF CONE TEST

Start Time: _____

Volume Water: _____

End Time: _____

Volume Sediment: _____

- a. Top of casing.
- b. NAPL - nonaqueous phase liquid.
- c. Gallons per minute.

- d. Cumulative gallons.
- e. Depth to water.

- f. Standard units.
- g. °C, unless °F noted.

- h. Specific conductance, µmhos/cm (or µS/cm).
- i. Visual unless otherwise noted.

1 well vol = 0.28 gal

24.95 1348

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

| Job Number Site: Developers | Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ⁱ | Temp. ^g | Spec. Cond. ^h | Turbidity | Static Water Depth (ft TOC): at hrs. | |
|-----------------------------------|------|------|-------------------|--------------|----------------------------|------------------|-----------------|--------------------|--------------------------|-------------|--------------------------------------|------------------------------------|
| | | | | | | | | | | | Initial Total Depth (ft TOC): | Depth to NAPL ^b at hrs. |
| | | | | | | | | | | | Weather: 80° Sunny | |
| | | | | | | | | | | | | |
| 9-5-01 | 1356 | | Disposable bailer | | 1.0 | 24.96 | 6.91 | 15.5 | 928 | Very Turbid | | |
| 9-8-01 | 1400 | | Disposable bailer | | 1.0 | 24.96 | 7.12 | 14.3 | 958 | Very Turbid | | |
| 9-5-01 | 1406 | | Disposable bailer | | 2.0 | 24.94 | 7.18 | 13.7 | 965 | Very Turbid | | |
| 9-5-01 | 1409 | | Disposable bailer | | 3.0 | 24.96 | 7.11 | 13.4 | 964 | Very Turbid | | |
| 9-5-01 | 1414 | | Disposable bailer | | 4.0 | 24.96 | 7.18 | 13.3 | 965 | Very Turbid | | |
| 9-5-01 | 1417 | | Disposable bailer | | 5.0 | 24.98 | 7.23 | 13.4 | 970 | Very Turbid | | |
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Well No. and Type: MW-215
Initial Total Depth (ft TOC): 21.68
Final Total Depth (ft TOC): 27.71

IMHOFF CONE TEST
Start Time: _____ End Time: _____
Volume Water: _____ Volume Sediment: _____

- a. Top of casing.
- b. NAPL - nonaqueous phase liquid.
- c. Gallons per minute.
- d. Cumulative gallons
- e. Depth to water.
- f. Standard units
- g. °C, unless °F noted.
- h. Specific conductance, umhos/cm (or µS/cm).
- i. Visual unless otherwise noted.

NE corner of Building 83
in parking lot along Franklin St.
1 well vol = 0.77 gal

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

2466 1210

| Job Number Site: Developers Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity ⁱ | Static Water Depth (ft TOC ^a): | |
|---|-------|----------------------|--------------|----------------------------|------------------|-----------------|--------------------|--------------------------|------------------------|--|-----|
| | | | | | | | | | | Depth to NAPL ^b | N/A |
| 954 | 12:21 | Disposible (3a. let) | | water | 24.66 | 7.14 | 13.8 | 882 | Brown silty | | |
| | 12:28 | | | 3.0 | 24.68 | 7.19 | 13.6 | 906 | Very turbid | | |
| | 12:34 | | | 6.0 | | 7.24 | 13.3 | 905 | " | | |
| | 12:37 | | | 9.0 | 24.68 | 7.14 | 13.1 | 889 | " | | |
| | 12:40 | | | 12.0 | | 7.19 | 13.1 | 894 | " | | |
| | 12:43 | | | 15.0 | 24.68 | 7.30 | 13.1 | 870 | " | | |
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Well No. and Type: MW-23D
 Initial Total Depth (ft TOC): 43.36
 Final Total Depth (ft TOC): 43.36
 Weather: Sunny

IMHOFF CONE TEST
 Start Time: _____

Volume Water: _____

End Time: _____

Volume Sediment: _____

- a. Top of casing.
- b. NAPL - nonaqueous phase liquid.
- c. Gallons per minute.
- d. Cumulative gallons
- e. Depth to water.
- f. Standard units
- g. °C, unless °F noted.
- h. Specific conductance, µmhos/cm (or µS/cm).
- i. Visual unless otherwise noted.

1 well vol - 3.0 gal

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

2502 1207

| Job Number <u>531007</u> Site: <u>Developers M. Sketched</u> | | Well No. and Type: <u>HMW-028</u> Initial Total Depth (ft TOC): <u>24.40</u> Final Total Depth (ft TOC): <u>29.91</u> | | | Static Water Depth (ft TOC ^b): _____ at _____ hrs. Depth to NAPL ^b : _____ at _____ hrs. Weather: <u>90° Sunny</u> | | | | | |
|---|-------|---|--------------|----------------------------|---|-----------------|--------------------|--------------------------|------------------------|----------|
| Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity ⁱ | Comments |
| 9-5-01 | 12:28 | D. S. Prostate Bailer | | Initial | 25.02 | 7.11 | 13.2 | 865 | sl. clear | |
| | 12:30 | " | | .8 | | 7.01 | 13.2 | 1057 | Very turbid | |
| | 12:32 | " | | 1.4 | 25.03 | 7.03 | 13.2 | 1058 | " | |
| | 12:34 | " | | 2.4 | | 7.09 | 13.2 | 1034 | " | |
| | 12:36 | " | | 3.2 | 25.03 | 7.03 | 13.3 | 1029 | " | |
| | 12:38 | " | | 4.0 | 25.03 | 7.07 | 13.2 | 1035 | " | |
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IMHOFF CONE TEST

Start Time: _____ Volume Water: _____ End Time: _____ Volume Sediment: _____

- a. Top of casing.
- b. NAPL - nonaqueous phase liquid.
- c. Gallons per minute.
- d. Cumulative gallons
- e. Depth to water.
- f. Standard units
- g. °C, unless °F noted.
- h. Specific conductance, umhos/cm (or μS/cm).
- i. Visual unless otherwise noted.

1 well vol = 0.80 gpd

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

25.38 / 207

| Job Number Developers | Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity ⁱ | Static Water Depth (ft TOC ^j): | |
|--|-------|------|--------------|--------------|----------------------------|------------------|-----------------|--------------------|--------------------------|------------------------|--|---------|
| | | | | | | | | | | | at hrs. | at hrs. |
| Well No. and Type: MW-235 Initial Total Depth (ft TOC): 27.83 Final Total Depth (ft TOC): 28.12 Weather: 80 Sunny | | | | | | | | | | | | |
| 9-5-01 | 12:18 | | Dir. Bailor | | .50 | 25.50 | 6.85 | 15.3 | 1150 | | Slight Turbidity | |
| 9-5-01 | 12:20 | | Disp Bailor | | .50 | 25.50 | 6.83 | 14.7 | 1163 | | Very Turbid | |
| 9-5-01 | 12:22 | | Disp Bailor | | .50 | 25.50 | 6.82 | 14.2 | 1209 | | " | |
| 9-5-01 | 12:24 | | Disp Bailor | | .50 | 25.50 | 6.85 | 13.8 | 1226 | | " | |
| 9-5-01 | 12:26 | | Disp Bailor | | .50 | | 6.86 | 13.5 | 1215 | | " | |
| 9-5-01 | 12:28 | | Disp Bailor | | .50 | 25.45 | 6.86 | 13.3 | 1234 | | " | |
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IMHOFF CONE TEST

Start Time: _____

Volume Water: _____

End Time: _____

Volume Sediment: _____

- a. Top of casing.
- b. NAPL - nonaqueous phase liquid.
- c. Gallons per minute.

- d. Cumulative gallons
- e. Depth to water.

- f. Standard units
- g. °C, unless °F noted.

- h. Specific conductance, μmhos/cm (or μS/cm).
- i. Visual unless otherwise noted.

1 well vol = 0.40 gal

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

25.87 / 035

| Job Number <u>SB1002</u> | | Well No. and Type: <u>4-1-1-170</u> | | | Static Water Depth (ft TOC): at hrs. | | | Depth to NAPL: at hrs. | | |
|--------------------------|------|--|--------------|----------------------------|--------------------------------------|------|--------------------|--------------------------|-------------|----------|
| Site: | | Initial Total Depth (ft TOC): <u>67.70</u> | | | Temp.: <u>7.70</u> | | | Weather: <u>70 Sunny</u> | | |
| Developers | | Final Total Depth (ft TOC): <u>67.55</u> | | | pH: <u>41</u> | | | Spec. Cond.: <u>917</u> | | |
| Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH | Temp. ^g | Spec. Cond. ^h | Turbidity | Comments |
| 9-5-01 | 1045 | WATER | | 7.0 | 25.87 | 7.40 | 13.2 | 917 | clear | |
| 9-5-01 | 1050 | WATER | | 7.0 | 25.91 | 7.49 | 13.3 | 897 | very turbid | |
| 9-5-01 | 1058 | WATER | | 7.0 | 25.91 | 7.37 | 13.1 | 853 | very turbid | |
| 9-5-01 | 1107 | WATER | | 7.0 | 25.91 | 7.37 | 13.3 | 919 | very turbid | |
| 9/15/01 | 1113 | WATER | | 7.0 | 25.91 | 7.37 | 13.2 | 864 | very turbid | |
| 9/15/01 | 1120 | WATER | | 7.0 | 25.88 | 7.51 | 13.2 | 952 | very turbid | |
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IMHOFF CONE TEST

Start Time: _____ Volume Water: _____ End Time: _____ Volume Sediment: _____

- a. Top of casing.
- b. NAPL - nonaqueous phase liquid.
- c. Gallons per minute.
- d. Cumulative gallons
- e. Depth to water.
- f. Standard units
- g. °C, unless °F noted.
- h. Specific conductance, μmhos/cm (or μS/cm).
- i. Visual unless otherwise noted.

1 well vol = 6.82

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

25.55 1035

Job Number *SB1002*

Well No. and Type: *MW-150*

Static Water Depth (ft TOC): _____ at _____ hrs.

Initial Total Depth (ft TOC): *37.48*

Depth to NAPL: _____ at _____ hrs.

Final Total Depth (ft TOC): *13.25*

Weather: *70° Sunny*

| Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity ⁱ | Comments |
|--------|------|--------------|--------------|----------------------------|------------------|-----------------|--------------------|--------------------------|------------------------|----------|
| 9-5-01 | 1045 | SS Grabber | | Initial | 25.55 | 7.35 | 13.2 | 927 | Clear | |
| | 1055 | " | | 7.50 | 25.54 | 7.35 | 12.8 | 965 | Black w/ product color | |
| | 1114 | Exp. Grabber | | 5.0 | 25.55 | 7.34 | 12.8 | 1120 | " | |
| | 1128 | " | | 7.50 | 25.53 | 7.47 | 12.9 | 1043 | " | |
| | 1132 | " | | 10.0 | 25.54 | 7.57 | 12.9 | 1138 | " | |
| | 1139 | " | | 12.50 | 25.61 | 7.43 | 13.0 | 1131 | " | |
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IMHOFF CONE TEST

Start Time: _____

Volume Water: _____

End Time: _____

Volume Sediment: _____

a. Top of casing.
 b. NAPL - nonaqueous phase liquid.
 c. Gallons per minute.

d. Cumulative gallons
 e. Depth to water.

f. Standard units
 g. °C, unless °F noted.

h. Specific conductance, umhos/cm (or µS/cm).
 i. Visual unless otherwise noted.

well vol = 7.27

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

20.76 9/10

Job Number 5851-02 Well No. and Type: HMW-280 Static Water Depth (ft TOC): _____ at _____ hrs.
 Site: _____ Initial Total Depth (ft TOC): 93.82 Depth to NAPL: N/A at _____ hrs.
 Developers: _____ Final Total Depth (ft TOC): 93.82 Weather: 70s Sunny

| Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity ⁱ | Comments |
|--------|------|--------------|--------------|----------------------------|------------------|-----------------|--------------------|--------------------------|------------------------|--------------------|
| 9-6-01 | 914 | water | | <u>12.0</u> | <u>20.76</u> | <u>7.56</u> | <u>16.8</u> | <u>750</u> | | <u>clean</u> |
| 9-6-01 | 922 | water | | <u>12.0</u> | <u>20.76</u> | <u>7.53</u> | <u>14.7</u> | <u>653</u> | | <u>very turbid</u> |
| 9-6-01 | 933 | water | | <u>24.0</u> | <u>20.74</u> | <u>7.52</u> | <u>14.8</u> | <u>674</u> | | <u>"</u> |
| 9-6-01 | 942 | water | | <u>36.0</u> | <u>20.75</u> | <u>7.56</u> | <u>15.5</u> | <u>640</u> | | <u>"</u> |
| 9-6-01 | 952 | water | | <u>48.0</u> | <u>20.75</u> | <u>7.49</u> | <u>14.2</u> | <u>665</u> | | <u>"</u> |
| 9-6-01 | 1002 | water | | <u>60.0</u> | <u>20.74</u> | <u>7.48</u> | <u>14.1</u> | <u>690</u> | | |
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IMHOFF CONE TEST
 Start Time: _____ Volume Water: _____ End Time: _____
 Volume Sediment: _____

a. Top of casing.
 b. NAPL - nonaqueous phase liquid.
 c. Gallons per minute.
 d. Cumulative gallons.
 e. Depth to water.
 f. Standard units
 g. °C, unless °F noted.
 h. Specific conductance, μmhos/cm (or μS/cm).
 i. Visual unless otherwise noted.

Total vol = 17.0 gal

| Time | Dosage method | Volume Burgeat | DTW | pH | Temp. | Cond. | Turbidity |
|------|---------------|----------------|-------|------|-------|--------|-----------------|
| 3:45 | boiler | Initial | 20.81 | 6.84 | 19.7 | 148.5p | opaque / cloudy |
| 3:48 | " " | 0.75 | 20.70 | 6.94 | 17.6 | 410 | Brown / cloudy |
| 3:50 | " " | 1.5 | 20.70 | 6.96 | 16.6 | 420 | Brown / cloudy |
| 3:52 | " " | 2.25 | 20.73 | 6.99 | 16.1 | 408 | " " |
| 3:55 | " " | 3.0 | 20.71 | 7.01 | 15.8 | 395 | " " |
| 3:59 | " " | 3.75 | 20.72 | 6.98 | 15.7 | 399 | " " |

9-13-01

Final DTB 24.72
Final DTBU 20.74

Final DTB: 24.73

HMW-285

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

24.45

| Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity ⁱ | Static Water Depth (ft TOC ^a): Depth to NAPL ^b Weather: 05° Sunny | at | hrs. | at | hrs. | Comments | |
|--------|------|--------------|--------------|----------------------------|------------------|-----------------|--------------------|--------------------------|------------------------|--|----|------|----|------|----------|--|
| 9-5-01 | 830 | Drop/Under | | | 24.45 | 7.37 | 13.8 | 813 | cloudy | | | | | | | |
| | 833 | | | | 24.44 | 7.25 | 13.9 | 819 | Brom Si + | | | | | | | |
| | 836 | | | | 24.45 | 7.24 | 13.6 | 840 | " | | | | | | | |
| | 839 | | | | 24.44 | 7.20 | 13.5 | 608 | " | | | | | | | |
| | 841 | | | | 24.45 | 7.35 | 13.1 | 873 | " | | | | | | | |
| | 844 | | | | 24.45 | 7.23 | 13.0 | 810 | " | | | | | | | |
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IMHOFF CONE TEST

Start Time: _____ Volume Water: _____ End Time: _____ Volume Sediment: _____

- a. Top of casing.
- b. NAPL - nonaqueous phase liquid.
- c. Gallons per minute.

- d. Cumulative gallons
- e. Depth to water.

- f. Standard units
- g. °C, unless °F noted.

- h. Specific conductance, umhos/cm (or µS/cm).
- i. Visual unless otherwise noted.

1 med val = 1 cgd

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

24.40 8:07

| Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity ⁱ | Comments | Static Water Depth (ft TOC): | |
|--------|------|--------------|--------------|----------------------------|------------------|-----------------|--------------------|--------------------------|------------------------|----------|------------------------------|------|
| | | | | | | | | | | | at | hrs. |
| 9-6-01 | 807 | Dup Well | | unt | 24.40 | 7.5 | 13.0 | 843 | clean | | | |
| | 812 | | | 1.50 | 24.40 | 6.99 | 13.3 | 786 | | | | |
| | 815 | | | 3.0 | 24.39 | 7.16 | 13.3 | 634 | Atom | | | |
| | 818 | | | 4.5 | 24.40 | 7.08 | 12.8 | 798 | | | | |
| | 821 | | | 6.0 | 24.40 | 7.15 | 12.9 | 844 | | | | |
| | 824 | | | 7.5 | 24.40 | 7.00 | 12.7 | 790 | | | | |
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Well No. and Type: HMW-145
 Initial Total Depth (ft IOC): 31.30
 Final Total Depth (ft TOC): 31.30
 Weather:

Static Water Depth (ft TOC): at hrs.
 Depth to NAPL: at hrs.

IMHOFF CONE TEST
 Start Time: _____ Volume Water: _____ End Time: _____ Volume Sediment: _____

a. Top of casing.
 b. NAPL - nonaqueous phase liquid.
 c. Gallons per minute.
 d. Cumulative gallons
 e. Depth to water.
 f. Standard units
 g. °C, unless °F noted.
 h. Specific conductance, µmhos/cm (or µS/cm).
 i. Visual unless otherwise noted.

Well vol = 1.17 gpd

24.71 6:36

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

| Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity ⁱ | Comments |
|--------|------|----------------------|--------------|----------------------------|------------------|-----------------|--------------------|--------------------------|------------------------|----------|
| 9-6-01 | 6:45 | disposable Bailey | | initial | 24.71 | 6.71 | 13.7 | 938 | Very turbid | |
| | 6:50 | | | 1.0 | 24.71 | 6.85 | 12.7 | 985 | " | |
| | 6:53 | | | 2.0 | 24.71 | 6.87 | 12.5 | 970 | " | |
| | 6:55 | | | 3.0 | | 6.90 | 12.4 | 970 | " | |
| | 6:56 | | | 4.0 | | 6.92 | 12.3 | 986 | " | |
| | 6:58 | | | 5.0 | 24.71 | 6.94 | 12.3 | 985 | " | |
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Well No. and Type: MW-155
 Initial Total Depth (ft TOC): 29.95
 Final Total Depth (ft TOC): 29.95
 Weather: 60° Sunny

Static Water Depth (ft TOC):
 Depth to NAPL: M/A
 at hrs. at hrs.

IMHOFF CONE TEST

Start Time: _____

Volume Water: _____

End Time: _____

Volume Sediment: _____

a. Top of casing.
 b. NAPL - nonaqueous phase liquid.
 c. Gallons per minute.

d. Cumulative gallons
 e. Depth to water.

f. Standard units
 g. °C, unless °F noted.

h. Specific conductance, μmhos/cm (or μS/cm).
 i. Visual unless otherwise noted.

1 well red = 0.85 gal

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

24.68 6:37

| Job Number Site: Developers | | Well No. and Type: <u>HMW-15D</u> | | | | Static Water Depth (ft TOC): | | Depth to NAPL | | Weather: <u>60° Sunny</u> | | at hrs. | |
|-----------------------------------|------|-----------------------------------|--------------|----------------------------|------------------|------------------------------|--------------------|--------------------------|------------------------|---------------------------|---------|---------|--|
| Date | Time | Purge Method | Pumping Rate | Volume Purged ^c | DTW ^a | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity ⁱ | Comments | at hrs. | at hrs. | |
| 9-6-01 | 6:49 | Water | | initial | 24.68 | 7.11 | 14.1 | 938 | clear | | | | |
| | 6:54 | | | 9.5 | 24.80 | 7.05 | 12.5 | 1111 | very turbid | | | | |
| | 7:10 | | | 19.0 | 24.79 | 7.26 | 13.5 | 975 | " | | | | |
| | 7:20 | | | 28.5 | 24.80 | 7.52 | 13.8 | 1030 | " | | | | |
| | 7:30 | | | 37.0 | 24.77 | 7.38 | 14.0 | 1001 | " | | | | |
| | 7:40 | | | 46.5 | 24.75 | 7.30 | 14.1 | 965 | | | | | |
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IMHOFF CONE TEST

Start Time: _____

Volume Water: _____

End Time: _____

Volume Sediment: _____

- a. Top of casing.
- b. NAPL - nonaqueous phase liquid.
- c. Gallons per minute.

- d. Cumulative gallons
- e. Depth to water.

- f. Standard units
- g. °C, unless °F noted.

- h. Specific conductance, umhos/cm (or µS/cm).
- i. Visual unless otherwise noted.

well vol - 9.35 gal

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

19.32 1900

| Job Number Site: Developers | Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH | Temp. ^g | Spec. Cond. ^h | Turbidity ⁱ | Comments | Static Water Depth (ft TOC ^b): | |
|-------------------------------------|------|------|--------------|--------------|----------------------------|------------------|------|--------------------|--------------------------|------------------------|----------|--|---------|
| | | | | | | | | | | | | at hrs. | at hrs. |
| Well No. and Type: Amw-25 | | | | | | | | | | | | | |
| Initial Total Depth (ft TOC): 24.36 | | | | | | | | | | | | | |
| Final Total Depth (ft TOC): 24.38 | | | | | | | | | | | | | |
| Weather: | | | | | | | | | | | | | |
| 96-01 | 1903 | 1406 | Drill string | | mix | 19.32 | 7.68 | 17.8 | 620 | Very dirty | | | |
| | | 1910 | | | 1.0 | 19.30 | 7.74 | 17.5 | 505 | | | | |
| | | 1914 | | | 2.0 | 19.31 | 7.55 | 17.8 | 619 | | | | |
| | | 1919 | | | 3.0 | 19.30 | 7.63 | 17.9 | 582 | | | | |
| | | 1923 | | | 4.0 | 19.31 | 7.49 | 16.5 | 645 | | | | |
| | | | | | 5.0 | 19.30 | 7.59 | 16.8 | 645 | | | | |
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IMHOFF CONE TEST
Start Time: _____

Volume Water: _____

End Time: _____

Volume Sediment: _____

a. Top of casing.
b. NAPL - nonaqueous phase liquid.
c. Gallons per minute.
d. Cumulative gallons
Depth to water.
e. °C, unless °F noted.
f. Standard units
g. °C, unless °F noted.
h. Specific conductance, µmhos/cm (or µS/cm).
i. Visual unless otherwise noted.

1 MW = 1.0 gal

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

22.42 / 341

| Job Numbers | Developers | Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DIW ^e | pH | Temp. ^f | Spec. Cond. ^h | Turbidity ⁱ | Static Water Depth (ft TOC ^a): | at | hrs. |
|-------------|------------|------|------|--------------|--------------|----------------------------|------------------|------|--------------------|--------------------------|------------------------|--|----------|------|
| | | | | | | | | | | | | Depth to NAPL ^b | Weather: | at |
| 9-6-01 | BIB002 | | 144 | | | end | 22.42 | 7.58 | 16.6 | 820 | Very Dirty | | | |
| | | | 146 | | | 1.0 | 22.42 | 7.47 | 15.8 | 864 | " | | | |
| | | | 149 | | | 2.0 | 22.41 | 7.41 | 16.4 | 798 | " | | | |
| | | | 153 | | | 3.0 | 22.42 | 7.52 | 17.6 | 750 | " | | | |
| | | | 156 | | | 4.0 | 22.41 | 7.44 | 16.6 | 833 | " | | | |
| | | | 159 | | | 5.0 | 22.40 | 7.56 | 16.5 | 852 | " | | | |

Well No. and Type: MW-135
Initial Total Depth (ft TOC): 27.45
Final Total Depth (ft TOC): 27.47

Static Water Depth (ft TOC^a): at hrs.
Depth to NAPL^b
Weather: 80° Sunny

IMHOFF CONE TEST
Start Time: _____

Volume Water: _____

End Time: _____

Volume Sediment: _____

- a. Top of casing.
- b. NAPL - nonaqueous phase liquid.
- c. Gallons per minute.

- d. Cumulative gallons
- e. Depth to water.

- f. Standard units
- g. °C, unless °F noted.

- h. Specific conductance, μmhos/cm (or μS/cm).
- i. Visual unless otherwise noted.

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

2183 1056

| Job Number Site: Developers | Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity ⁱ | Static Water Depth (ft TOC): | |
|-----------------------------------|------|------|--------------|--------------|----------------------------|------------------|-----------------|--------------------|--------------------------|------------------------|------------------------------|---------|
| | | | | | | | | | | | at hrs. | at hrs. |
| 9-6-01 | 1203 | | disp | | 1.0 | 21.83 | 7.62 | 13.8 | 413 | very turbid | 70 ⁶ Sunny | |
| 9-6-01 | 1205 | | disp | | 2.0 | 21.83 | 7.52 | 13.4 | 584 | very turbid | | |
| 9-6-01 | 1207 | | disp | | 3.0 | 21.83 | 7.50 | 13.3 | 599 | very turbid | | |
| 9-6-01 | 1208 | | disp | | 4.0 | 21.83 | 7.50 | 13.2 | 717 | very turbid | | |
| 9-6-01 | 1210 | | disp | | 5.0 | 21.83 | 7.51 | 13.1 | 703 | very turbid | | |
| 9-6-01 | 1212 | | disp | | | | | | | | | |
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Well No. and Type: H/MW-15
 Initial Total Depth (ft TOC): 27.95
 Final Total Depth (ft TOC): 27.95

IMHOFF CONE TEST
 Start Time: _____ Volume Water: _____ End Time: _____
 Volume Sediment: _____

1 well vol = 1.0 gal.

a. Top of casing.
 b. NAPL - nonaqueous phase liquid.
 c. Gallons per minute.
 d. Cumulative gallons
 e. Depth to water.
 f. Standard units
 g. °C, unless of noted.
 h. Specific conductance, µmhos/cm (or µS/cm).
 i. Visual unless otherwise noted.

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

| Job Number Site: Developers | Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH | Temp. ^g | Spec. Cond. ^h | Turbidity ⁱ | Comments | Static Water Depth (ft TOC ^b): | |
|-----------------------------------|------|------|--------------|--------------|----------------------------|------------------|------|--------------------|--------------------------|------------------------|----------|--|---------|
| | | | | | | | | | | | | at hrs. | at hrs. |
| 9.1-01 | 7:50 | | Walton | | 4.25 | 24.00 | 6.80 | 15.6 | 851 | Very turbid | | | |
| | 7:55 | | " | | 8.50 | 23.98 | 7.12 | 14.2 | 876 | " | | | |
| | 8:02 | | " | | 12.75 | 23.99 | 7.16 | 13.7 | 898 | " | | | |
| | 8:07 | | " | | 17.0 | 24.0 | 7.16 | 13.3 | 895 | " | | | |
| | 8:13 | | " | | 21.25 | 23.99 | 7.17 | 13.1 | 905 | | | | |
| | 8:17 | | " | | | 23.98 | 7.18 | 13.1 | 901 | | | | |
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Well No. and Type: HMW-97
 Initial Total Depth (ft TOC): 49.624
 Final Total Depth (ft TOC): 49.624
 Weather: 65° F

IMHOFF CONE TEST
 Start Time: _____ Volume Water: _____ End Time: _____
 Volume Sediment: _____

a. Top of casing.
 b. NAPL - nonaqueous phase liquid.
 c. Gallons per minute.
 d. Cumulative gallons
 e. Depth to water.
 f. Standard units
 g. °C, unless of F noted.
 h. Specific conductance, µmhos/cm (or µS/cm).
 i. Visual unless otherwise noted.

(well vol = 4.25 gal)

1700

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

| Job Number <u>5BE002</u> | | Well No. and Type: <u>HMW-33D</u> | | Static Water Depth (ft TOC ^a): _____ at _____ hrs. | | | | | | |
|--------------------------|------------------|--|--------------|--|------------------|-----------------|--------------------|--------------------------|------------------------|----------|
| Site: <u>Area B</u> | | Initial Total Depth (ft TOC): <u>58.60</u> | | Depth to NAPL ^b <u>N/A</u> | | | | | | |
| Developers <u>Skid</u> | | Final Total Depth (ft TOC): <u>57.50</u> | | Weather: <u>Indoors</u> | | | | | | |
| Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DIW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity ⁱ | Comments |
| 9-6-01 | 17:29 | DISPOSABLE | | 1.5 | 25.60 | 7.43 | 13.8 | 943 | clear | |
| | 17:37 | stainless steel bailer | | 3.75 | | 7.33 | 13.0 | 894 | very turbid | |
| | 17:44 | waters | | 7.5 | 27.1 | 7.28 | 13.2 | 885 | " | |
| | 17:50 | " | | 11.25 | 26.05 | 7.27 | 12.9 | 903 | " | |
| | 17:56 | " | | 15.0 | 25.94 | 7.26 | 12.9 | 904 | " | |
| | 18:01 | " | | 18.75 | 25.82 | 7.27 | 13.0 | 802 | " | |
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IMHOFF CONE TEST
Start Time: _____ Volume Water: _____ End Time: _____ Volume Sediment: _____

a. Top of casing.
 b. NAPL - nonaqueous phase liquid.
 c. Gallons per minute.
 d. Cumulative gallons
 e. Depth to water.
 f. Standard units
 g. °C, unless °F noted.
 h. Specific conductance, µmhos/cm (or µS/cm).
 i. Visual unless otherwise noted.

HULL & ASSOCIATES, INC. WELL DEVELOPMENT FORM

2440 17:00

| Date | Time | Purge Method | Pumping Rate | Volume Purged ^d | DTW ^e | pH ^f | Temp. ^g | Spec. Cond. ^h | Turbidity ⁱ | Comments |
|--------|-------|-----------------|--------------|----------------------------|------------------|-----------------|--------------------|--------------------------|------------------------|----------|
| | | | | | | | | | | |
| 9-5-01 | 17:27 | Pipeable Bailor | | 3.5 | 24.40 | 7.38 | 15.3 | 957 | sl. turbid | |
| | 17:31 | | | 7.0 | 24.41 | 7.24 | 13.6 | 906 | very turbid | |
| | 17:36 | | | 10.5 | | 7.28 | 13.3 | 916 | " | |
| | 17:42 | | | 14.0 | | 7.26 | 12.9 | 913 | " | |
| | 17:47 | | | 17.5 | | 7.25 | 13.0 | 906 | " | |
| | 17:52 | | | | 24.41 | | 12.8 | 924 | " | |
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Job Number SB 200
 Site: Area A
 Developers M. Cherche
 Well No. and Type: HMV-21D
 Initial Total Depth (ft TOC): 44.95
 Final Total Depth (ft TOC): 44.60
 Static Water Depth (ft TOC): at hrs.
 Depth to NAPL^b: 11/4 at hrs.
 Weather: In Cloud

IMHOFF CONE TEST
 Start Time: _____ Volume Water: _____ End Time: _____ Volume Sediment: _____

a. Top of casing.
 b. NAPL - nonaqueous phase liquid.
 c. Gallons per minute.
 d. Cumulative gallons
 e. Depth to water.
 f. Standard units
 g. °C, unless °F noted.
 h. Specific conductance, µmhos/cm (or µS/cm).
 i. Visual unless otherwise noted.

APPENDIX C

Monitoring Well Groundwater Sampling Field Data Sheets

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. SB-1
 Site No. _____ Site Location Huckins
 Project No. & Phase SB1002
 Weather Conditions & Approx. Air Temperature Cloudy 70's
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 17.81 feet Total Depth of Well 24.66 feet
 LNAPL (Yes / No), Depth to LNAPL NIL feet
 LNAPL Thickness _____ feet SB1002:SB1: 6 of Dec. 1: 50?
 Sample Date 9-20-01 @ 7:30 Sample No. _____
 Purging Method bailer

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|-------------------------|-------------------|-----------------------|-----------------|-------|-------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units L at 25°C | Turbidity Units | Units | Units |
| 10:31 | NA | Static Conditions | 10.9 7.11 | 7.11 | 1082 | sl. clear | | |
| 10:33 | 1.0 | 1 | 10.9 | 7.05 | 1107 | Turbid | | |
| 10:35 | 2.0 | 2 | 10.9 7.09 | 7.09 | 1119 | " | | |
| 10:37 | 3.0 | 3 | 10.9 | 7.04 | 1127 | " | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals .80 Gallons

Comments little slown

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____



Hull & Associates, Inc.
6130 Wilcox Road
Dublin, Ohio 43016

**GROUNDWATER SAMPLING
FIELD DATA SHEET**

Client South Bend Well I.D. Hmw-1D
 Site No. _____ Site Location underground pipe & cables
 Project No. & Phase _____
 Weather Conditions & Approx. Air Temperature 60° foggy
 Type of Well Construction 2" PVC
 Condition of Well (Good / Poor); if poor, specify _____
 Cap Locked (Yes / No) _____ Lock No. _____
 Depth to Water 21.16 feet Total Depth of Well 80.15 feet
 NAPL (Yes / No), Depth to NAPL _____ feet
 NAPL Thickness _____ feet
 Sample Date 9-14-01 @ 1720 Sample No. SB1000: Hmw1D: 091801: 52
 Purging Method 2" bender

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|---|---------------------|------------|-------------------|-------------------------------|-------------|-------------|-------------|
| TIME | APPROX. VOLUME PURGED (GALLONS) / WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units <u>45</u> at 25°C | Units _____ | Units _____ | Units _____ |
| 736 | NA | Static Conditions | 14.5 | 7.77 | 544 | | | |
| 803 | 10.0 | 1 | 13.1 | 7.83 | 533 | | | |
| 837 | 20.0 | 2 | 13.2 | 7.89 | 518 | | | |
| 9:04 | 30.0 | 3 | 13.4 | 7.91 | 527 | | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 9.6 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ NAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Beach Well I.D. HMW-1I
 Site No. _____ Site Location W&Y
 Project No. & Phase SB1002
 Weather Conditions & Approx. Air Temperature ~~5~~ overcast 75°s
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 22.08 feet Total Depth of Well 48.22 feet
 LNAPL (Yes / No), Depth to LNAPL NIL feet
 LNAPL Thickness _____ feet
 Sample Date 9-18-01 @ 1710 Sample No. SB1002: HMW1I: G0984:
 Purging Method bailer 523

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|------------|-------------------|------------------------------|-----------------------|-------------|-------------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units <u>µ</u> at 25°C | Turbidity Units _____ | Units _____ | Units _____ |
| 15:31 | NA | Static Conditions | 12.4 | 7.13 | 691 | clear | | |
| 15:37 | 4.5 | 1 | 11.1 | 7.29 | 689 | sl. clear | | |
| 15:43 | 9.0 | 2 | 11.1 | 7.37 | 690 | Turbid | | |
| | 13.5 | 3 | 10.8 | 7.34 | 696 | | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 4.26 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. HMMW-15
 Site No. _____ Site Location W7#4
 Project No. & Phase SB1002
 Weather Conditions & Approx. Air Temperature Overcast 75°s
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 21.95 feet Total Depth of Well 2428 feet
 LNAPL (Yes / No), Depth to LNAPL NIL feet
 LNAPL Thickness _____ feet
 Sample Date 9-18-01 @ 1700 Sample No. SB1002:Hmws:G091801:523
 Purging Method Bailer

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|------------|-------------------|---|-----------------------|-------------|-------------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units <input checked="" type="checkbox"/> at 25°C | Turbidity Units _____ | Units _____ | Units _____ |
| 15:49 | NA | Static Conditions | 10.5 | 7.52 | 394 | Clear | | |
| 15:50 | .5 | 1 | 10.4 | 7.50 | 431 | sl. clear | | |
| 15:51 | 1.0 <u>(TURBID)</u> | 2 | 10.2 | 7.48 | 489 | Turbid | | |
| 15:52 | 1.5 <u>(TURBID)</u> | 3 | 10.2 | 7.45 | 507 | Turbid | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 138 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. MW-15
 Site No. _____ Site Location Allied
 Project No. & Phase SBI002
 Weather Conditions & Approx. Air Temperature cloudy 80°s
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 23.27 feet Total Depth of Well 24.24 feet
 LNAPL (Yes / No), Depth to LNAPL NIL feet
 LNAPL Thickness _____ feet
 Sample Date 9-17-01 @ 1555 Sample No. SBI002: MW15: G09174: 523
 Purging Method bailer

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|------------|-------------------|---------------------------|-----------------|-------|-------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units μ at 25°C | Turbidity Units | Units | Units |
| 13:31 | NA | Static Conditions | 12.2 | 6.82 | 753 | clear | | |
| 13:32 | .25 | 1 | 11.4 | 6.82 | 715 | sl. clear | | |
| 13:33 | .50 | 2 | 10.9 | 6.82 | 748 | " | | |
| 13:34 | .75 | 3 | 10.7 | 6.84 | 759 | Clear | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals .15 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. MW-17
 Site No. _____ Site Location Alfred
 Project No. & Phase SBI002
 Weather Conditions & Approx. Air Temperature cloudy 80's
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify good
 Cap Locked (Yes / No) yes Lock No. 3476
 Depth to Water 23.12 feet Total Depth of Well 78.15 feet
 LNAPL (Yes / No), Depth to LNAPL NIL feet
 LNAPL Thickness _____ feet
 Sample Date 9-17-01 @ 1540 Sample No. SBI002: MW17: 6091701: 523
 Purging Method Sailer

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|------------|-------------------|---------------------------|-----------------------|-------------|-------------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units μ at 25°C | Turbidity Units _____ | Units _____ | Units _____ |
| 13:30 | NA | Static Conditions | 14.0 | 7.14 | 589 | clear | | |
| 13:36 | 9.0 | 1 | 10.6 | 7.10 | 539 | " | | |
| 13:45 | 18.0 | 2 | 11.1 | 7.36 | 552 | sl. turbid | | |
| 13:59 | 27.0 | 3 | 11.7 | 7.45 | 486 | clear | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 8.97 Gallons

Comments Slow to Recharge

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. HMW-23
 Site Location ~~Atterd UG&Y~~
 Site No. _____ Project No. & Phase SBI002
 Weather Conditions & Approx. Air Temperature sunny 75°S
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes / No) _____ Lock No. _____
 Depth to Water 19.50 feet Total Depth of Well 24.70 feet
 LNAPL (Yes / No), Depth to LNAPL NIL feet
 LNAPL Thickness _____ feet
 Sample Date 9-18-01 @ 1620 Sample No. SBI002:HM25:G091801:538
 Purging Method Sailer

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|------------|-------------------|---------------------------|-----------------|-------|-------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units μ at 25°C | Turbidity Units | Units | Units |
| 14:55 | NA | Static Conditions | 14.1 | 6.93 | 586 | Clear | | |
| 14:57 | 1.0 | 1 | 12.6 | 7.11 | 587 | Turbid | | |
| 14:59 | 2.0 | 2 | 11.7 | 7.16 | 594 | Turbid | | |
| 15:01 | 3.0 | 3 | 11.6 | 7.21 | 595 | Turbid | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 85 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. HMW-35
 Site No. _____ Site Location Huckins
 Project No. & Phase S15002
 Weather Conditions & Approx. Air Temperature Cloudy
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 21.13 feet Total Depth of Well 25.70 feet
 LNAPL (Yes / No), Depth to LNAPL Nil feet
 LNAPL Thickness _____ feet
 Sample Date 9-20-01 @ 8:30 Sample No. S15002; HMW35; G092001:32
 Purging Method Bailed

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|------------|-------------------|------------------------------|-----------------------|-------------|-------------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units <u>u</u> at 25°C | Turbidity Units _____ | Units _____ | Units _____ |
| 11:15 | NA | Static Conditions | 11.2 | 7.17 | 974 | sl. Turbid | | |
| 11:16 | 0.75 | 1 | 10.6 | 7.18 | 987 | Very Turbid | | |
| 11:17 | 1.50 | 2 | 10.2 | 7.19 | 977 | " " | | |
| 11:18 | 2.25 | 3 | 10.0 | 7.19 | 1011 | " " | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 0.74 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. HMW-45
 Site No. _____ Site Location Huckins
 Project No. & Phase SB1002
 Weather Conditions & Approx. Air Temperature Cloudy 65°s
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 21.06 feet Total Depth of Well 24.71 feet
 LNAPL (Yes / No), Depth to LNAPL Nil feet
 LNAPL Thickness _____ feet
 Sample Date 9-20-01 @ 815 Sample No. SB1002: HMW45: G092001:527
 Purging Method bailed

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|-------------------------|-------------------|---------------------------|-----------------|-------|-------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units μ at 25°C | Turbidity Units | Units | Units |
| 11:04 | NA | Static Conditions | 12.8 12.8 | 7.23 | 546 | sl clear | | |
| 11:06 | 0.75 | 1 | 12.8 | 7.25 | 565 | Very turbid | | |
| 11:08 | 1.50 | 2 | 12.8 | 7.25 | 564 | " " | | |
| 11:09 | 2.25 | 3 | 12.8 | 7.24 | 546 | " " | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals .59 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. HMW5 S
 Site No. _____ Site Location Hackins
 Project No. & Phase SBT002
 Weather Conditions & Approx. Air Temperature Cloudy 65°s
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 21.05 feet Total Depth of Well 24.68 feet
 LNAPL (Yes / No), Depth to LNAPL NEL feet
 LNAPL Thickness _____ feet
 Sample Date 9-20-01 @ 8:05 Sample No. SBT002:HMW5:6092001:1523
 Purging Method bauler

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|------------|-------------------|---------------------------|-----------------|-------|-------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units μ at 25°C | Turbidity Units | Units | Units |
| 10:52 | NA | Static Conditions | 11.1 | 7.04 | 1051 | 5/clear | | |
| 10:54 | 0.75 | 1 | 10.6 | 7.13 | 1034 | very turbid | | |
| 10:55 | 1.50 | 2 | 10.3 | 7.12 | 1038 | " " | | |
| 10:57 | 2.25 | 3 | 10.2 | 7.12 | 1035 | " " | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals .59 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. HMW 6D
 Site No. _____ Site Location Huckins
 Project No. & Phase 531002
 Weather Conditions & Approx. Air Temperature Cloudy 40's
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 20.20 feet Total Depth of Well 84.93 feet
 LNAPL (Yes / No), Depth to LNAPL Nil feet
 LNAPL Thickness _____ feet
 Sample Date 9-20-01 @ 7:55 Sample No. SB1002; HMW6D: G 092001. 523
 Purging Method kick

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|------------|-------------------|---------------------------|-----------------------|-------------|-------------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units μ at 25°C | Turbidity Units _____ | Units _____ | Units _____ |
| 10:20 | NA | Static Conditions | 13.0 | 7.29 | 823 | clear | | |
| 10:24 | 10.75 | 1 | 10.5 | 7.30 | 871 | " | | |
| 10:33 | 21.5 | 2 | 10.3 | 7.27 | 755 | " | | |
| 10:41 | 32.25 | 3 | 10.2 | 7.27 | 872 | " | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 10.55 Gallons

Comments File Sheer

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. HMMW-65
 Site Location Huckins
 Site No. _____ Project No. & Phase SB1002
 Weather Conditions & Approx. Air Temperature Cloudy 70's
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 20.50 feet Total Depth of Well 23.76 feet
 LNAPL (Yes / No), Depth to LNAPL NEL feet
 LNAPL Thickness _____ feet
 Sample Date 9-20-01 @ 7:40 Sample No. SB1002: HMMW-65: 6092001A: 503
 Purging Method bailer

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|------------|-------------------|---------------------------|-----------------|-------|-------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units μ at 25°C | Turbidity Units | Units | Units |
| 10:20 | NA | Static Conditions | 12.5 | 6.87 | 1124 | sl clear | | |
| 10:22 | 0.75 | 1 | 11.5 | 6.94 | 1076 | turbid | | |
| 10:24 | 1.5 | 2 | 11.5 | 6.95 | 969 | very turbid | | |
| 10:26 | 2.25 | 3 | 11.0 | 6.96 | 1079 | turbid | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 153 Gallons

Comments little sheen

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. HMW-75
 Site No. _____ Site Location Allied
 Project No. & Phase SBI002
 Weather Conditions & Approx. Air Temperature Cloudy 80's
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 23.12 feet Total Depth of Well 27.88 feet
 LNAPL (Yes / No), Depth to LNAPL NIL feet
 LNAPL Thickness _____ feet
 Sample Date 9-17-01 @ 17:45 Sample No. SBI002:HMW75:G091701.523
 Purging Method _____

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|------------|-------------------|---------------------------|-----------------------|-------------|-------------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units μ at 25°C | Turbidity Units _____ | Units _____ | Units _____ |
| 15:08 | NA | Static Conditions | 11.0 | 6.81 | 666 | Turbid | | |
| 15:11 | 1.0 | 1 | 10.4 | 6.97 | 665 | Very turbid | | |
| 15:13 | 2.0 | 2 | 9.8 | 7.00 | 670 | " " | | |
| 15:14 | 3.0 | 3 | 9.7 | 7.02 | 679 | " " | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals .78 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. Hmw-8D
 Site Location Allied
 Site No. _____ Project No. & Phase SBI002
 Weather Conditions & Approx. Air Temperature Cloudy 80's
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 22.88 feet Total Depth of Well 71.34 feet
 LNAPL (Yes / No), Depth to LNAPL NIL feet
 LNAPL Thickness _____ feet
 Sample Date 9-17-91 @ 16:30 Sample No. SBI002:Hmw8S:G091701:523
 Purging Method Leck Pump

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|------------|-------------------|---------------------------|----------------------|-------|-------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units μ at 25°C | Turbidity Units | Units | Units |
| 14:32 | NA | Static Conditions | 14.4 | 7.51 | 465 | clear | | |
| 14:39 | 8 | 1 | 11.6 | 7.39 | 629 | sl. clear | | |
| 14:44 | 110 | 2 | 10.7 | 7.23 | 813 | sl. clear | | |
| 14:48 | 24 | 3 | 10.4 | 7.21 | 825 | sl. clear | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 7.80 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. HMW-8I
 Site Location Allied
 Site No. _____ Project No. & Phase SBI002
 Weather Conditions & Approx. Air Temperature Cloudy 80's
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 22.82 feet Total Depth of Well 49.32 feet
 LNAPL (Yes / No), Depth to LNAPL NEL feet
 LNAPL Thickness _____ feet
 Sample Date 9-17-01 @ 1640 Sample No. SBI002:HMW8I:G0917d:523
 Purging Method _____

| WELL PURGING | | | PARAMETERS | | | | | |
|------------------|--|---------------------|-------------------------|------------------------|---------------------------|-----------------|-------|-------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units μ at 25°C | Turbidity Units | Units | Units |
| 14:34 | NA | Static Conditions | 12.5 11.4 | 7.37 7.5 | 760 425 | Clear | | |
| 14:42 | 4.5 | 1 | 10.8 | 7.22 | 835 | sl. clear | | |
| 14:47 | 9.0 | 2 | 10.5 | 7.22 | 836 | Turbid | | |
| 14:51 | 13.5 | 3 | 10.1 | 7.21 | 854 | sl. clear | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 4.32 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. Hmw-85
 Site No. _____ Site Location Allied
 Project No. & Phase SBI002
 Weather Conditions & Approx. Air Temperature cloudy 80's
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water ~~22.85~~ 22.69 feet Total Depth of Well 24.67 feet
 LNAPL (Yes / No), Depth to LNAPL NEL feet
 LNAPL Thickness _____ feet
 Sample Date 9-17-01 @ 1650 Sample No. SBI002 Hmw85:6091701:52P
 Purging Method _____

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|------------|-------------------|---------------------------|-----------------|-------|-------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units μ at 25°C | Turbidity Units | Units | Units |
| 14:53 | NA | Static Conditions | 10.8 | 7.05 | 693 | clear | | |
| 14:56 | .50 | 1 | 10.7 | 7.03 | 697 | very turbid | | |
| 14:57 | 1.0 | 2 | 10.4 | 7.04 | 692 | " " | | |
| 14:59 | 1.5 | 3 | 10.3 | 7.06 | 674 | | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals ~~1.32~~ .33 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bay Well I.D. MW-8D
 Site No. _____ Site Location Allieel
 Project No. & Phase SB1002
 Weather Conditions & Approx. Air Temperature cloudy 80's
 Type of Well Construction 2" well
 Condition of Well (Good / Poor); if poor, specify good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 21.88 feet Total Depth of Well 44.64 feet
 LNAPL (Yes / No), Depth to LNAPL NIL; feet
 LNAPL Thickness _____ feet
 Sample Date 7-17-01 @ 1515 Sample No. SB1002: MW8D: 6091761: 523
 Purging Method tailer

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|------------|-------------------|---------------------------|-----------------|-------|-------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units μ at 25°C | turbidity Units | Units | Units |
| 13:00 | NA | Static Conditions | 13.6 | 6.94 | 824 | clear | | |
| 13:03 | 3.75 | 1 | 11.8 | 7.08 | 803 | clear | | |
| 13:07 | 7.50 | 2 | 11.2 | 7.14 | 780 | clear | | |
| 13:12 | 11.25 | 3 | 10.9 | 7.15 | 848 | clear | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 3.71 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. MW-85
 Site No. _____ Site Location Allied
 Project No. & Phase SBI002
 Weather Conditions & Approx. Air Temperature Cloudy 80's
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 2185 feet Total Depth of Well 23.67 feet
 LNAPL (Yes / No), Depth to LNAPL NIL feet
 LNAPL Thickness _____ feet
 Sample Date 9-17-01 @ 1530 Sample No. SBI002:MW85:609701:533
 Purging Method bailer

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|------------|-------------------|------------------------------|-----------------------|-------------|-------------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units <u>µ</u> at 25°C | Turbidity Units _____ | Units _____ | Units _____ |
| 13:15 | NA | Static Conditions | 10.9 | 7.08 | 662 | SI Clear | | |
| 13:16 | 0.50 | 1 | 10.4 | 7.18 | 661 | SI. Clear | | |
| 13:17 | 1.0 | 2 | 10.0 | 7.17 | 681 | " | | |
| 13:18 | 1.5 | 3 | 10.0 | 7.18 | 646 | " | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 0.30 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

HMW-9D

Client South Bend Well I.D. _____
 Site No. _____ Site Location _____
 Project No. & Phase _____

Weather Conditions & Approx. Air Temperature ?

Type of Well Construction 2"

Condition of Well (Good / Poor); if poor, specify Good

Cap Locked (Yes / No) Yes Lock No. 3476

Depth to Water 23.16 feet Total Depth of Well 64.81 feet

LNAPL (Yes / No), Depth to LNAPL NIL feet

LNAPL Thickness _____ feet

Sample Date 9-19-01 @ 1620 Sample No. SBI00:HMW9D:G091901:523

Purging Method keel

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|------------|-------------------|---------------------|-------|-------|-------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units at 25°C | Units | Units | Units |
| | NA | Static Conditions | 11.4 | 7.12 | 1185 | | | |
| | 7.0 | 1 | 10.4 | 7.19 | 1183 | | | |
| | 14.0 | 2 | 10.1 | 7.18 | 1184 | | | |
| | 21.0 | 3 | 10.1 | 7.17 | 1188 | | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 6.79 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. HMW-98T
 Site No. _____ Site Location Allied MAY
 Project No. & Phase SBI002
 Weather Conditions & Approx. Air Temperature Indoors
 Type of Well Construction _____
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 24.17 feet Total Depth of Well 30.06 feet
 LNAPL (Yes / No), Depth to LNAPL NIL feet
 LNAPL Thickness _____ feet
 Sample Date 9-19-01 @ 1540 Sample No. SBI002: HMW9T:G09190
 Purging Method bailer 521

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|-----------------|-------------------|----------------------------------|-----------------|-------|-------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units µ at 25°C | Turbidity Units | Units | Units |
| | NA | Static Conditions | 11.0 | 6.94 | 1002 | Clear | | |
| | | 1 | 11.0 | 7.27 | 1008 | Clear | | |
| | | 2 | 10.2 | 7.24 | 1128 | sl/clear | | |
| | | 3 | 10.0 | 7.21 | 1140 | | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 4.22 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

Hull & Associates, Inc.

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. HMW-9
 Site No. _____ Site Location Allied
 Project No. & Phase SBI002

Weather Conditions & Approx. Air Temperature Inches

Type of Well Construction 2"

Condition of Well (Good / Poor); if poor, specify Good

Cap Locked (Yes / No) Yes Lock No. 3476

Depth to Water 24.00 feet Total Depth of Well 34.04 feet

LNAPL (Yes / No), Depth to LNAPL NL feet

LNAPL Thickness _____ feet

Sample Date 9-19-01 @ 1530 Sample No. _____

Purging Method bailer

SBI002:HMW9S:G091901152

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|------------|-------------------|---------------------|-------|-------|-------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units at 25°C | Units | Units | Units |
| | NA | Static Conditions | 10.4 | 7.12 | 972 | | | |
| | 1.75 | 1 | 10.1 | 7.06 | 965 | | | |
| | 3.50 | 2 | 10.0 | 7.06 | 971 | | | |
| | 5.25 | 3 | 9.9 | 7.08 | 1002 | | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 1.03 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. HMW-105
 Site No. _____ Site Location Allied
 Project No. & Phase SB1002
 Weather Conditions & Approx. Air Temperature Sunny 75°s
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 24.55 feet Total Depth of Well 28.20 feet
 LNAPL (Yes / No), Depth to LNAPL NFL feet
 LNAPL Thickness _____ feet
 Sample Date 11/40 Sample No. SB1002:HMW105
 Purging Method _____

| WELL PURGING | | | PARAMETERS | | | | | |
|------------------|--|---------------------|------------|-------------------|---------------------------|-----------------------|-------------|-------------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units μ at 25°C | Turbidity Units _____ | Units _____ | Units _____ |
| 11:20 | NA | Static Conditions | 14.2 | 6.80 | 919 | sl. Turbid | | |
| 11:22 | .75 | 1 | 12.5 | 6.83 | 941 | Turbid | | |
| 11:24 | 1.5 | 2 | 11.8 | 6.84 | 953 | " | | |
| 11:26 | 2.25 | 3 | 11.4 | 6.85 | 951 | " | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals .59 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. HMW-11D
 Site Location Allied
 Site No. _____ Project No. & Phase SB2002

Weather Conditions & Approx. Air Temperature Sunny 75°s

Type of Well Construction 2"

Condition of Well (Good / Poor); if poor, specify Good

Cap Locked (Yes / No) Yes Lock No. _____

Depth to Water 24.20 feet Total Depth of Well 68.65 feet

LNAPL (Yes / No), Depth to LNAPL NIL feet

LNAPL Thickness _____ feet

Sample Date 9-18-01 9:50 Sample No. SB2002: HMW-11D: 1091801.5

Purging Method keck

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|------------|-------------------|------------------------------|-----------------------|-------------|-------------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units <u>µ</u> at 25°C | Turbidity Units _____ | Units _____ | Units _____ |
| 9:00 | NA | Static Conditions | 13.9 | 7.07 | 805 | clear | | |
| 9:05 | 7.25 | 1 | 11.7 | 7.15 | 793 | sl. clear | | |
| 9:10 | 14.50 | 2 | 10.9 | 7.18 | 803 | clear | | |
| 9:15 | 21.75 | 3 | 10.8 | 7.18 | 803 | clear | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 7.25 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. HMW-11I
 Site No. _____ Site Location Allied
 Project No. & Phase SB1002
 Weather Conditions & Approx. Air Temperature Sunny 75°s
 Type of Well Construction _____
 Condition of Well (Good / Poor); if poor, specify _____
 Cap Locked (Yes / No) _____ Lock No. _____
 Depth to Water 23.93 feet Total Depth of Well 38.00 feet
 LNAPL (Yes / No), Depth to LNAPL NIC feet
 LNAPL Thickness _____ feet
 Sample Date 9-18-09 10:00 Sample No. SB1002: HMW11I: G091801: S05
HMW11I: G091801: S05
SB1002: ~~G091801: S05~~
 Purging Method Sailer

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|---|---------------------|------------|-------------------|---------------------------|-----------------|-------|-------|
| TIME | APPROX. VOLUME PURGED (GALLONS) / WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units μ at 25°C | Turbidity Units | Units | Units |
| 9:03 | NA | Static Conditions | 13.1 | 7.13 | 629 | Clear | | |
| 9:06 | 2.5 | 1 | 11.0 | 7.23 | 688 | sl. Turbid | | |
| 9:09 | 5.0 | 2 | 10.4 | 7.22 | 731 | sl. Clear | | |
| 9:12 | 7.5 | 3 | 10.6 | 7.23 | 736 | Clear | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 2.29 Gallons

Comments Sheen on surface, few oil spots on surface, strong odor

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. MW-115
 Site No. _____ Site Location Allied
 Project No. & Phase SB002
 Weather Conditions & Approx. Air Temperature Cloudy / H. Rainy 75° S
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 25.38 feet Total Depth of Well 29.04 feet
 LNAPL (Yes / No), Depth to LNAPL NIL feet
 LNAPL Thickness _____ feet
 Sample Date 9-18-01 6:00 Sample No. SB002:MW115:G091801:505
 Purging Method bauler

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|---|---------------------|------------|-------------------|---------------------------|---------------|-------|-------|
| TIME | APPROX. VOLUME PURGED (GALLONS) / WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units μ at 25°C | Turbid. Units | Units | Units |
| 17:10 | NA | Static Conditions | 10.4 | 7.15 | 797 | clear | | |
| 17:12 | .75 | 1 | 10.5 | 7.12 | 923 | sl. turbid | | |
| 17:13 | 1.5 | 2 | 10.3 | 7.14 | 908 | " " | | |
| 17:14 | 2.25 | 3 | 10.3 | 7.16 | 897 | " " | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 160 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

MW-11D

Client Sout Bend Well I.D. MW-11D
 Site Location Allied
 Site No. _____ Project No. & Phase SB1002
 Weather Conditions & Approx. Air Temperature cloudy / lt. Rain
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify good
 Cap Locked (Yes / No) Yes Lock No. 3479
 Depth to Water 25.30 feet Total Depth of Well 44.11 feet
 LNAPL (Yes / No), Depth to LNAPL N/L feet
 LNAPL Thickness _____ feet
 Sample Date 9-18-01 6:25 Sample No. SB1002:MW11D:4091801:505
 Purging Method bailer

9-18-01

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|---|---------------------|------------|-------------------|---------------------|-----------------|-------|-------|
| TIME | APPROX. VOLUME PURGED (GALLONS) / WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units at 25°C | Turbidity Units | Units | Units |
| 16:55 | NA | Static Conditions | 12.3 | 7.07 | 816 | clear | | |
| 16:59 | 3.75 | 1 | 10.4 | 7.12 | 839 | clear | | |
| 17:03 | 7.50 | 2 | 10.2 | 7.17 | 805 | clear | | |
| 17:07 | 10.75 | 3 | 9.9 | 7.17 | 790 | clear | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 3.06 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. HMW12S
 Site No. _____ Site Location Allied
 Project No. & Phase SBT002
 Weather Conditions & Approx. Air Temperature Fine drizzle
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 24.69 feet Total Depth of Well 29.60 feet
 LNAPL (Yes / No), Depth to LNAPL NIL feet
 LNAPL Thickness _____ feet
 Sample Date 9-19-01 @ 1330 Sample No. SBT002: HMW12S: G091901
 Purging Method bailer

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|---|---------------------|------------|-------------------|---------------------------|-----------------------|-------------|-------------|
| TIME | APPROX. VOLUME PURGED (GALLONS) / WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units μ at 25°C | Turbidity Units _____ | Units _____ | Units _____ |
| 8:47 | NA | Static Conditions | 11.0 | 6.89 | 1183 | sl. Tur. | | |
| 8:49 | 1.0 | 1 | 10.0 | 6.97 | 1168 | Very Tur. | | |
| 8:51 | 1.0 | 2 | 9.6 | 7.02 | 1183 | " " | | |
| 8:53 | 1.0 | 3 | 9.3 | 7.02 | 1182 | " " | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals .80 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. HMW-12D
 Site No. _____ Site Location Allied
 Project No. & Phase SBI002
 Weather Conditions & Approx. Air Temperature Sunny 70°s
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 25.17 feet Total Depth of Well 66.25 feet
 LNAPL (Yes / No), Depth to LNAPL NIL feet
 LNAPL Thickness _____ feet
 Sample Date 9-18-01 8:30 Sample No. SBI002:HMW12D:4091801:5
 Purging Method keck

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|---|---------------------|------------|-------------------|---------------------------|-----------------------|-------------|-------------|
| TIME | APPROX. VOLUME PURGED (GALLONS) / WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units μ at 25°C | Turbidity Units _____ | Units _____ | Units _____ |
| 7:35 | NA | Static Conditions | 14.3 | 6.99 | 767 | Clear | | |
| 7:40 | 6.75 | 1 | 10.9 | 7.07 | 844 | Clear | | |
| 7:45 | 13.5 | 2 | 10.5 | 7.10 | 846 | " | | |
| 7:50 | 20.25 | 3 | 10.5 | 7.11 | 855 | clear | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 6.69 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. HMW-133
 Site No. _____ Site Location UG #4
 Project No. & Phase SBI002
 Weather Conditions & Approx. Air Temperature Overcast 75°s
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 22.60 feet Total Depth of Well 27.77 feet
 LNAPL (Yes / No), Depth to LNAPL NEC feet
 LNAPL Thickness _____ feet
 Sample Date 9-18-01 @ 1545 Sample No. SBI002; HMW133; G091801.520
 Purging Method barrier

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|---|---------------------|------------|-------------------|---------------------------|-----------------------|-------------|-------------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/ WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units μ at 25°C | Turbidity Units _____ | Units _____ | Units _____ |
| 5:08 | NA | Static Conditions | 12.3 | 7.02 | 797 | turbid | | |
| 15:10 | 1.0 | 1 | 11.5 | 7.14 | 659 | Very Turbid | | |
| 15:12 | 2.0 | 2 | 11.0 | 7.21 | 780 | Very Turbid | | |
| 15:14 | 3.0 | 3 | 10.6 | 7.20 | 804 | " " | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals .84 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. HGW-13D
 Site No. _____ Site Location Allied
 Project No. & Phase SBI002
 Weather Conditions & Approx. Air Temperature Indoor
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 25.10 feet Total Depth of Well 66.05 feet
 LNAPL (Yes / No), Depth to LNAPL NIL feet
 LNAPL Thickness _____ feet
 Sample Date 9-19-01 @ 1250 Sample No. SBI002-HGW13D:G091901:52
 Purging Method KECK

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|------------|-------------------|---------------------------|-----------------------|-------------|-------------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units μ at 25°C | Turbidity Units _____ | Units _____ | Units _____ |
| 9:14 | NA | Static Conditions | 13.4 | 7.12 | 1110 | Clear | | |
| 9:17 | 6.75 | 1 | 11.0 | 7.20 | 1117 | " | | |
| 9:22 | 13.5 | 2 | 10.3 | 7.22 | 1128 | " | | |
| 9:27 | 20.25 | 3 | 10.2 | 7.22 | 1125 | " | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 6.67 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. MW-135
 Site No. _____ Site Location Allied
 Project No. & Phase SBI002
 Weather Conditions & Approx. Air Temperature Indoors
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 25.11 feet Total Depth of Well 28.12 feet
 LNAPL (Yes / No), Depth to LNAPL NIL feet
 LNAPL Thickness _____ feet
 Sample Date 9-9-01 @ 1240 Sample No. SBI002:mw135:G091901:52
 Purging Method bailey

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|------------|-------------------|------------------------------|-----------------------|-------------|-------------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units <u>u</u> at 25°C | Turbidity Units _____ | Units _____ | Units _____ |
| 9:28 | NA | Static Conditions | 10.3 | 7.02 | 1218 | St. Clear | | |
| 9:29 | 0.50 | 1 | 10.1 | 6.97 | 1204 | Turbid | | |
| 9:30 | 1.0 | 2 | 10.0 | 6.98 | 1205 | " | | |
| 9:31 | 1.5 | 3 | 10.0 | 6.98 | 1202 | " | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals .49 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. MW-13D
 Site No. _____ Site Location Allied
 Project No. & Phase SBI002

Weather Conditions & Approx. Air Temperature Indoors

Type of Well Construction 2"

Condition of Well (Good / Poor); if poor, specify Good

Cap Locked (Yes / No) Yes Lock No. 3476

Depth to Water 25.20 feet Total Depth of Well 44.53 feet

LNAPL (Yes / No), Depth to LNAPL NIL feet

LNAPL Thickness _____ feet

Sample Date 9-19-01 @ 1300 Sample No. SBI002:MW13D:G0990:52

Purging Method bailer

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|------------|-------------------|------------------------------|-----------------------|-------------|-------------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units <u>µ</u> at 25°C | Turbidity Units _____ | Units _____ | Units _____ |
| 9:15 | NA | Static Conditions | 12.0 | 7.18 | 1134 | sl. Clear | | |
| 9:18 | 3.25 | 1 | 10.5 | 7.21 | 1141 | " " | | |
| 9:21 | 6.50 | 2 | 10.2 | 7.25 | 1146 | " " | | |
| 9:24 | 9.75 | 3 | 10.1 | 7.25 | 1160 | " " | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 3.15 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. MW-14
 Site No. _____ Site Location Allied
 Project No. & Phase SB1002
 Weather Conditions & Approx. Air Temperature Cloudy / lt. Rain 60's
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes/No) (No) Lock No. _____
 Depth to Water (NA) 25.14 feet Total Depth of Well (NA) 30.04 feet
 LNAPL (Yes / No), Depth to LNAPL Nil feet
 LNAPL Thickness _____ feet
 Sample Date 9-20-01 @ 845 Sample No. SB1002:MW14:G049
 Purging Method bailed

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|------------|-------------------|---------------------------|-----------------|-------|-------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units μ at 25°C | Turbidity Units | Units | Units |
| 14:26 | NA | Static Conditions | 11.3 | 6.94 | 1123 | Clear | | |
| 14:29 | 1.0 | 1 | 10.8 | 6.98 | 1096 | Turbid | | |
| 14:30 | 2.0 | 2 | 10.6 | 7.04 | 1135 | " | | |
| 14:32 | 3.0 | 3 | 10.4 | 7.03 | 1132 | " | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals .80 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. HMW-145
 Site No. _____ Site Location SBL
 Project No. & Phase SBI002
 Weather Conditions & Approx. Air Temperature cloudy 65°s
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 24.53 feet Total Depth of Well 31.26 feet
 LNAPL (Yes / No); Depth to LNAPL NIL feet
 LNAPL Thickness _____ feet
 Sample Date 9-19-01 @ 1145 Sample No. SBI002: HMW145: G091901 D: 523
 Purging Method bailler

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|------------|-------------------|---------------------------|-----------------|-------|-------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units μ at 25°C | Turbidity Units | Units | Units |
| 6:47 | NA | Static Conditions | 11.4 | 6.97 | 1120 | Sl. Turbid | | |
| 6:49 | 1.25 | 1 | 10.2 | 6.98 | 1093 | very turbid | | |
| 6:51 | 2.50 | 2 | 9.6 | 7.00 | 1094 | " " | | |
| 6:53 | 3.75 | 3 | 9.5 | 6.99 | 1111 | " " | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 1.10 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. HMW155
 Site No. _____ Site Location SBC
 Project No. & Phase SBI002
 Weather Conditions & Approx. Air Temperature cloudy 65°s
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 24.82 feet Total Depth of Well 29.91 feet
 LNAPL (Yes / No), Depth to LNAPL NIL feet
 LNAPL Thickness _____ feet
 Sample Date 9-19-01 @ 1040 Sample No. SBI002: HMW155: 69194: 523
 Purging Method Bailer

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|---|---------------------|-------------------------|-------------------|---------------------------|-----------------|-------|-------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/ WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units μ at 25°C | Turbidity Units | Units | Units |
| 7:16 | NA | Static Conditions | 11.7 10.5 | 6.96 | 1258 1241 | Sl. Turbid | | |
| 7:18 | 1.0 | 1 | 10.7 | 6.95 | 1241 | Turbid | | |
| 7:20 | 2.0 | 2 | 10.2 | 7.01 | 1258 | " | | |
| 7:22 | 3.0 | 3 | 10.2 | 6.97 | 1260 | " | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals .03 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. HMW15D
 Site Location SBL
 Site No. _____ Project No. & Phase SBI002
 Weather Conditions & Approx. Air Temperature cloudy 65°s
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 24.85 feet Total Depth of Well 67.50 feet
 LNAPL (Yes / No), Depth to LNAPL N/A feet
 LNAPL Thickness _____ feet
 Sample Date 9-19-01 @ 1048 Sample No. SBI002: HMW15D: G091901:50
 Purging Method Leck

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|------------|-------------------|---------------------------|-----------------------|-------------|-------------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units μ at 25°C | Turbidity Units _____ | Units _____ | Units _____ |
| 7:15 | NA | Static Conditions | 13.6 | 7.05 | 1324 | clear | | |
| 7:20 | 6.25 | 1 | 10.5 | 7.09 | 1290 | sl. clear | | |
| 7:25 | 12.50 | 2 | 10.0 | 7.11 | 1332 | clear | | |
| 7:30 | 18.75 | 3 | 10.2 | 7.13 | 1277 | " | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 6.14 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. MW-15D
 Site Location Allied
 Site No. _____ Project No. & Phase 551002
 Weather Conditions & Approx. Air Temperature Cloudy 75's
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 25.78 feet Total Depth of Well 43.29 feet
 LNAPL (Yes / No) Depth to LNAPL Nil feet
 LNAPL Thickness NA feet
 Sample Date 9-18-01 6:35 Sample No. 551002:MW15D:G091801:505
 Purging Method Sailer

0-17-01

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|------------|-------------------|------------------------------|-----------------------|-------------|-------------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units <u>u</u> at 25°C | Turbidity Units _____ | Units _____ | Units _____ |
| 17:49 | NA | Static Conditions | 11.4 | 7.09 | 882 | clear | | |
| 17:53 | 3.0 | 1 | 10.3 | 7.18 | 915 | " | | |
| 17:55 | 6.0 | 2 | 10.2 | 7.20 | 932 | " | | |
| 17:58 | 9.0 | 3 | 10.1 | 7.22 | 924 | " | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 2.85 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. HMW-16D
 Site No. _____ Site Location Allied
 Project No. & Phase SB1002
 Weather Conditions & Approx. Air Temperature Cloudy/Ht. Rain 75°s
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 25.30 feet Total Depth of Well 66.32 feet
 LNAPL (Yes / No), Depth to LNAPL NIL feet
 LNAPL Thickness _____ feet
 Sample Date 9-18-01 6:15 Sample No. SB1002:HMW16D:699801:505
 Purging Method leak

9/18/01

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|-------------------------|-------------------|---------------------------|-----------------|-------|-------|
| TIME | APPROX. VOLUME PURGED (GALLONS)/ WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units μ at 25°C | Turbidity Units | Units | Units |
| 16:54 | NA | Static Conditions | 11.3 13.0 | 6.94 | 872 | Clear | | |
| 16:58 | 6.75 | 1 | 11.1 | 7.11 | 866 | Turbid | | |
| 17:02 | 13.50 | 2 | 10.6 | 7.12 | 875 | sl. Turbid | | |
| 17:06 | 20.25 | 3 | 10.4 | 7.16 | 855 | Clear | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 6.69 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. HMW-17D
 Site No. _____ Site Location Allied
 Project No. & Phase SBI002
 Weather Conditions & Approx. Air Temperature cloudy 75's
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 26.04 feet Total Depth of Well 65.87 feet
 LNAPL (Yes / No), Depth to LNAPL NIL feet
 LNAPL Thickness _____ feet
 Sample Date 9-17-01 @ 1820 Sample No. SBI002: HMW17D: G-977
 Purging Method keck 091701: 523
54

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|---|---------------------|------------|-------------------|---------------------------|-----------------|-------|-------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/ WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units μ at 25°C | Turbidity Units | Units | Units |
| 15:58 | NA | Static Conditions | 13.0 | 6.93 | 842 | Clear | | |
| 16:02 | 6.5 | 1 | 11.2 | 7.10 | 837 | sl. clear | | |
| 16:05 | 13.0 | 2 | 10.6 | 7.16 | 849 | clear | | |
| 16:09 | 19.5 | 3 | 10.5 | 7.20 | 852 | clear | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 6.49 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. Hmw 185
 Site No. _____ Site Location SBL
 Project No. & Phase SBI002
 Weather Conditions & Approx. Air Temperature Cloudy 65°s
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 25.64 feet Total Depth of Well 32.28 feet
 LNAPL (Yes / No), Depth to LNAPL NIL feet
 LNAPL Thickness _____ feet
 Sample Date 9-19-01 @ 940 Sample No. SBI002:Hmw185:G091901:523
 Purging Method bauler

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|------------|-------------------|---------------------------|-----------------|-------|-------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units μ at 25°C | Turbidity Units | Units | Units |
| 7:38 | NA | Static Conditions | 11.2 | 6.94 | 1159 | sl. clear | | |
| 7:40 | 1.25 | 1 | 10.9 | 7.03 | 1043 | Very Turbid | | |
| 7:42 | 2.50 | 2 | 10.5 | 7.07 | 1145 | " " | | |
| 7:44 | 3.75 | 3 | 10.3 | 7.08 | 1163 | " " | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 1.08 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. HMMW-194
 Site No. _____ Site Location Allied
 Project No. & Phase SBI002
 Weather Conditions & Approx. Air Temperature cloudy 75°s
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 26.05 feet Total Depth of Well 67.88 feet
 LNAPL (Yes / No), Depth to LNAPL NEL feet
 LNAPL Thickness --- feet
 Sample Date 9-18-01 6:30 Sample No. SBI002:HMMW190:6091801:505
 Purging Method keck

9-17-01

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|------------|-------------------|---------------------------|-----------------|-------|-------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units μ at 25°C | Turbidity Units | Units | Units |
| 17:48 | NA | Static Conditions | 12.6 | 7.01 | 740 | clear | | |
| 17:52 | 7.0 | 1 | 10.9 | 7.20 | 745 | clear | | |
| 17:56 | 14.0 | 2 | 10.2 | 7.26 | 734 | clear | | |
| 18:00 | 21.0 | 3 | 10.3 | 7.27 | 748 | clear | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 6.82 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. HMW-19S
 Site No. _____ Site Location Allied
 Project No. & Phase SB1002
 Weather Conditions & Approx. Air Temperature Sunny 70° S
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes / No) Yes Lock No. 3976
 Depth to Water 25.85 feet Total Depth of Well 29.91 feet
 LNAPL (Yes / No), Depth to LNAPL N/A feet
 LNAPL Thickness _____ feet
 Sample Date 9-18-01 7:30 Sample No. SB1002: HMW19S: 4091801B: 505
 Purging Method _____

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|------------|-------------------|---------------------------|-----------------------|-------------|-------------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units μ at 25°C | Turbidity Units _____ | Units _____ | Units _____ |
| 7:25 | NA | Static Conditions | 11.2 | 6.86 | 726 | clear | | |
| 7:26 | .75 | 1 | 10.6 | 7.01 | 719 | Very turbid | | |
| 7:27 | 1.5 | 2 | 10.0 | 7.03 | 730 | " " | | |
| 7:28 | 2.25 | 3 | 9.9 | 7.04 | 730 | " " | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals .666 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____



Hull & Associates, Inc.
6130 Wilcox Road
Dublin, Ohio 43016

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. Hmw-205
 Site No. _____ Site Location Allied
 Project No. & Phase _____
 Weather Conditions & Approx. Air Temperature 65° Sunny
 Type of Well Construction 2" PVC
 Condition of Well (Good/ Poor); if poor, specify _____
 Cap Locked (Yes/ No) _____ Lock No. _____
 Depth to Water 24.66 feet Total Depth of Well 27.73 feet
 NAPL (Yes No), Depth to NAPL _____ feet
 NAPL Thickness _____ feet
 Sample Date 9-20-01 @ 930 Sample No. SB1002: Hmw205: 6092001: 5?
 Purging Method _____

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|------------|-------------------|-------------------------------|-------------|-------------|-------------|
| TIME | APPROX. VOLUME PURGED (GALLONS)/ WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units <u>µS</u> at 25°C | Units _____ | Units _____ | Units _____ |
| 926 | NA | Static Conditions | 15.7 | 7.48 | 700 | | | |
| 924 | 0.50 | 1 | 14.3 | 7.14 | 768 | | | |
| 928 | 1.0 | 2 | 14.1 | 7.16 | 777 | | | |
| 932 | 1.50 | 3 | 14.1 | 7.17 | 777 | | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 0.50 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ NAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. HMW-217
 Site No. _____ Site Location Allied
 Project No. & Phase SBI002
 Weather Conditions & Approx. Air Temperature Indoors
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 24.58 feet Total Depth of Well 43.71 feet
 LNAPL (Yes / No), Depth to LNAPL NEL feet
 LNAPL Thickness _____ feet
 Sample Date 9-19-01 @ 1400 Sample No. SBI002 - Amwaid: 60919d: 523
 Purging Method bailer

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|------------|-------------------|---------------------------|-----------------|-------|-------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units μ at 25°C | Turbidity Units | Units | Units |
| 13:54 | NA | Static Conditions | 11.7 | 6.88 | 1150 | clear | | |
| 13:56 | 3.25 | 1 | 10.8 | 7.04 | 1161 | S/Turbid | | |
| 13:58 | 6.50 | 2 | 10.1 | 7.18 | 1167 | Turbid | | |
| 14:00 | 9.75 | 3 | 10.1 | 7.21 | 1168 | " | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 3.25 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bed Well I.D. HMW-22I
 Site No. _____ Site Location Allied
 Project No. & Phase SBI002
 Weather Conditions & Approx. Air Temperature overcast 80's
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 24.30 feet Total Depth of Well 54.74 feet
 LNAPL (Yes / No), Depth to LNAPL NIL feet
 LNAPL Thickness _____ feet
 Sample Date 9-17-01 @ 1420 Sample No. SBI002: HMW22I: G091701:523
 Purging Method bailer

9-17-01

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|------------|-------------------|---------------------|-----------------|-------|-------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units at 25°C | turbidity Units | Units | Units |
| 11:15 | NA | Static Conditions | 13.4 | 6.99 | 754 | clear | | |
| 11:20 | 5.0 | 1 | 11.4 | 7.14 | 768 | " | | |
| 11:26 | 10.0 | 2 | 11.4 | 7.17 | 789 | " | | |
| 11:31 | 15.0 | 3 | 10.9 | 7.36 | 804 | " | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 4.96 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. HMW-22D
 Site No. _____ Site Location Allied
 Project No. & Phase SBI002
 Weather Conditions & Approx. Air Temperature Overcast 80's
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 24.77 feet Total Depth of Well 79.40 feet
 LNAPL (Yes / No), Depth to LNAPL NIL feet
 LNAPL Thickness _____ feet
 Sample Date 9-17-01 14:30 Sample No. SBI002:HMW22D:G091701:523
 Purging Method keck

9-17-01

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|-----------------|-------------------|------------------------------|-----------------------|-------------|-------------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units <u>u</u> at 25°C | Turbidity Units _____ | Units _____ | Units _____ |
| 11:13 | NA | Static Conditions | 17.1 | 6.80 | 905 | clear | | |
| 11:29 | 9.0 | 1 | 12.1 | 7.72 | 1009 | " | | |
| 11:47 | 18.0 | 2 | 17.8 | 7.44 | 817 | sl. clear | | |
| 12:10 | 27 | 3 | 19.7 | 7.52 | 900 | sl. clear | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 8.9 Gallons

Comments Recovery very slow

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. MW-23D
 Site No. _____ Site Location Allied
 Project No. & Phase SB1002
 Weather Conditions & Approx. Air Temperature Sunny 60's
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 24.85 feet Total Depth of Well 43.71 feet
 LNAPL (Yes / No), Depth to LNAPL _____ feet
 LNAPL Thickness _____ feet
 Sample Date 9-18-01 7:10 Sample No. SB1002: MW23D: G091801:50
 Purging Method Dailer

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|------------|-------------------|---------------------------|-----------------|-------|-------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units μ at 25°C | Turbidity Units | Units | Units |
| 6:35 | NA | Static Conditions | 10.3 | 7.16 | 728 | clear | | |
| 6:37 | 3.25 | 1 | 10.2 | 7.17 | 729 | clear | | |
| 6:39 | 6.50 | 2 | 10.0 | 7.18 | 721 | clear | | |
| 6:41 | 9.75 | 3 | 10.0 | 7.10 | 731 | sl. clear | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 3.07 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. MW-235
 Site No. _____ Site Location Allied
 Project No. & Phase SBI002
 Weather Conditions & Approx. Air Temperature Sunny 60°S
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 25.10 feet Total Depth of Well 28.17 feet
 LNAPL (Yes / No), Depth to LNAPL NIC feet
 LNAPL Thickness _____ feet
 Sample Date 9-18-01 7:05 Sample No. SBI002: MW235: G091801: S05
 Purging Method bailer

| WELL PURGING | | | PARAMETERS | | | | | |
|-----------------|---|---------------------|------------|-------------------|---------------------------|-----------------|-------|-------|
| TIME | APPROX. VOLUME PURGED (GALLONS) / WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units μ at 25°C | Turbidity Units | Units | Units |
| 8:20 | NA | Static Conditions | 11.6 | 6.63 | 988 | Clear | | |
| 8:27 | .50 | 1 | 10.9 | 6.65 | 986 | sl. clear | | |
| 8:33 | 1.0 | 2 | 10.8 | 6.67 | 943 | " " | | |
| 8:39 | 1.5 | 3 | 10.5 | 6.68 | 1010 | " " | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

6:45
6:46
6:47
6:48

One Well Volume Equals .50 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

Hull & Associates, Inc.

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. HMW-235
 Site No. _____ Site Location Allied
 Project No. & Phase SBI002
 Weather Conditions & Approx. Air Temperature Sunny 60°S
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 25.10 feet Total Depth of Well 29.95 feet
 LNAPL (Yes / No), Depth to LNAPL NIL feet
 LNAPL Thickness _____ feet
 Sample Date 9-18-01 7:00 Sample No. SBI002:HMW235:4091801:52
 Purging Method _____

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|------------|-------------------|---------------------------|-----------------------|-------------|-------------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units μ at 25°C | Turbidity Units _____ | Units _____ | Units _____ |
| 6:50 | NA | Static Conditions | 10.2 | 6.89 | 843 | clear | | |
| 6:51 | 1.0 | 1 | 10.2 | 6.86 | 851 | s/ turbid | | |
| 6:52 | 2.0 | 2 | 10.1 | 6.88 | 831 | " " | | |
| 6:53 | 3.0 | 3 | 10.1 | 6.87 | 849 | " " | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals .78 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. HMW-23D
 Site Location Allied
 Site No. _____ Project No. & Phase SBE002
 Weather Conditions & Approx. Air Temperature Sunny 750s
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify good
 Cap Locked (Yes / No) yes Lock No. 3476
 Depth to Water 27.12 feet Total Depth of Well 73.11 feet
 LNAPL (Yes / No), Depth to LNAPL NEC feet
 LNAPL Thickness _____ feet
 Sample Date 9-18-01 11:10 Sample No. SBE002:HMW23D:G091801:505
 Purging Method keck / Bailer

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|------------|-------------------|---------------------------|-----------------|-------|-------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units μ at 25°C | Turbidity Units | Units | Units |
| 10:40 | NA | Static Conditions | 11.9 | 7.40 | 574 | clear | | |
| 10:45 | 7.5 | 1 | 12.0 | 7.46 | 596 | sl. clear | | |
| 10:50 | 15.0 | 2 | 13.0 | 7.69 | 561 | very turbid | | |
| 10:55 | 22.5 | 3 | 11.8 | 7.68 | 583 | " " | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 7.50 Gallons

Comments keck Froze Due to excessive Sand/Silt
Had to bail @ 10 gallon

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. MW-24D
 Site Location Allied
 Site No. _____ Project No. & Phase SBI002
 Weather Conditions & Approx. Air Temperature Sunny 75°S
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 24.16 feet Total Depth of Well 44.45 feet
 LNAPL (Yes / No), Depth to LNAPL N/C feet
 LNAPL Thickness _____ feet
 Sample Date 9-18-01 11:00 Sample No. SBI002:MW24D:60918d:505
 Purging Method _____

| WELL PURGING | | | PARAMETERS | | | | | |
|------------------|--|---------------------|------------|-------------------|---------------------------|-----------------|-------|-------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units μ at 25°C | Turbidity Units | Units | Units |
| 10:42 | NA | Static Conditions | 16.0 | 7.09 | 404 | clear | | |
| 10:45 | 3.5 | 1 | 12.6 | 7.34 | 697 | sl. clear | | |
| 10:48 | 7.0 | 2 | 14.5 | 7.24 | 750 | sl clear | | |
| 10:51 | 10.5 | 3 | | | | | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 3.31 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

Hull & Associates, Inc.

GROUNDWATER SAMPLING
FIELD DATA SHEET

6.1
203
4443

Client South Beach Well I.D. HMW-245
 Site No. _____ Site Location Allied
 Project No. & Phase 551002
 Weather Conditions & Approx. Air Temperature cloudy / H. Rain 60°s
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 24.83 feet Total Depth of Well 54.15 feet
 LNAPL (Yes / No); Depth to LNAPL NEL feet
 LNAPL Thickness _____ feet
 Sample Date 9-20-01 Q850 Sample No. SB1000: HMW 245: G09000: S
 Purging Method Recirc

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|------------|-------------------|---------------------------------|-----------------|-------|-------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units $\frac{L}{at 25°C}$ | Turbidity Units | Units | Units |
| 14:25 | NA | Static Conditions | 11.9 | 6.83 | 1116 | clear | | |
| 14:30 | 5.0 | 1 | 10.6 | 7.13 | 1112 | sl turbid | | |
| 14:33 | 10.0 | 2 | 10.3 | 7.09 | 1111 | clear | | |
| 14:36 | 15.0 | 3 | 10.3 | 7.13 | 1106 | x | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 4.78 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

Hull & Associates, Inc.

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. MW-255
 Site No. _____ Site Location Allied
 Project No. & Phase SBI002
 Weather Conditions & Approx. Air Temperature cloudy 75°s
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 25.0 feet Total Depth of Well 28.43 feet
 LNAPL (Yes / No), Depth to LNAPL NIL feet
 LNAPL Thickness _____ feet
 Sample Date 9-17-01 @ 18:40 Sample No. SBI002:MW255:6091701:509
 Purging Method bailed

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|------------|-------------------|---------------------------|-----------------------|-------------|-------------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units μ at 25°C | Turbidity Units _____ | Units _____ | Units _____ |
| 16:12 | NA | Static Conditions | 11.4 | 7.10 | 849 | clear | | |
| 16:15 | .75 | 1 | 10.6 | 7.11 | 821 | very turbid | | |
| 16:16 | 1.5 | 2 | 10.5 | 7.12 | 819 | " " | | |
| 16:17 | 2.25 | 3 | 10.4 | 7.10 | 817 | " " | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals .56 Gallons

Comments Rusty coloured

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. MW-25D
 Site No. _____ Site Location Allied
 Project No. & Phase S51002
 Weather Conditions & Approx. Air Temperature cloudy 75°s
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 25.50 feet Total Depth of Well 44.35 feet
 LNAPL (Yes / No), Depth to LNAPL NIC feet
 LNAPL Thickness _____ feet
 Sample Date 9-17-01 @ 1830 Sample No. S51002: MW25A: G091701: 502
 Purging Method Bailer

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|---|---------------------|------------|-------------------|---------------------------|-----------------------|-------------|-------------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/ WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units μ at 25°C | Turbidity Units _____ | Units _____ | Units _____ |
| 16:00 | NA | Static Conditions | 11.7 | 7.03 | 839 | clear | | |
| 16:04 | 3.25 | 1 | 10.9 | 7.15 | 849 | very turbid | | |
| 16:06 | 6.5 | 2 | 10.4 | 7.16 | 833 | " " | | |
| 16:10 | 9.75 | 3 | 10.2 | 7.21 | 854 | " " | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 3.07 Gallons

Comments Rusty, ~~toxic~~ Coloured

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bendel Well I.D. HMW-255
 Site No. _____ Site Location SBC
 Project No. & Phase SBI002
 Weather Conditions & Approx. Air Temperature overcast 70°s
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 25.96 feet Total Depth of Well 29.20 feet
 LNAPL (Yes / No), Depth to LNAPL NIL feet
 LNAPL Thickness NA feet
 Sample Date 9-19-01 @ 7:25 Sample No. SBI002:HMW255:G091901:52
 Purging Method bailer

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|------------|-------------------|---------------------------|-----------------|-------|-------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units μ at 25°C | Turbidity Units | Units | Units |
| 16:34 | NA | Static Conditions | 11.4 | 6.79 | 793 | Turbid | | |
| 16:36 | .75 | 1 | 10.9 | 6.86 | 783 | Very turbid | | |
| 16:38 | 1.5 | 2 | 10.4 | 6.92 | 789 | " " | | |
| 16:40 | 2.25 | 3 | 10.3 | 6.92 | 796 | " " | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals .53 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. HMW-265
 Site No. _____ Site Location SBL
 Project No. & Phase SB1002
 Weather Conditions & Approx. Air Temperature Overcast 70°s
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 25.72 feet Total Depth of Well 27.80 feet
 LNAPL (Yes / No), Depth to LNAPL NEL feet
 LNAPL Thickness _____ feet
 Sample Date 9-19-01 @ 755 Sample No. SB1002: HMW265: 60919d: 52
 Purging Method Sailer

9-17-01

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|------------|-------------------|------------------------|-----------------|-------|-------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units µS at 25°C | Turbidity Units | Units | Units |
| 16:42 | NA | Static Conditions | 11.8 | 6.62 | 756 | Turbid | | |
| 16:43 | 0.5 | 1 | 11.2 | 6.73 | 786 | very turbid | | |
| 16:44 | 1.0 | 2 | 10.9 | 6.78 | 775 | " " | | |
| 16:45 | 1.5 | 3 | 10.8 | 6.80 | 785 | " " | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 31 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bendel Well I.D. HMW-275
 Site No. _____ Site Location 53L
 Project No. & Phase SB1002
 Weather Conditions & Approx. Air Temperature overcast 70°s
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 25.85 feet Total Depth of Well 33.08 feet
 LNAPL (Yes / No), Depth to LNAPL NIL feet
 LNAPL Thickness _____ feet
 Sample Date 9-19-01 @ 8:20 Sample No. SB1002: HMW275: G091901:5
 Purging Method bailer

918-01

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|---|---------------------|------------|-------------------|---------------------------|-----------------|-------|-------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/ WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units μ at 25°C | Turbidity Units | Units | Units |
| 16:24 | NA | Static Conditions | 12.3 | 6.82 | 757 | Sl. Turbid | | |
| 16:26 | 1.25 | 1 | 11.5 | 6.96 | 741 | Very turbid | | |
| 16:28 | 2.50 | 2 | 10.7 | 7.04 | 746 | " " | | |
| 16:29 | 3.75 | 3 | 10.4 | 7.06 | 728 | " " | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 1.17 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. MW-28D
 Site No. _____ Site Location Allied
 Project No. & Phase SBI002
 Weather Conditions & Approx. Air Temperature Sunny 70⁰s
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 24.62 feet Total Depth of Well 40.85 feet
 LNAPL (Yes / No), Depth to LNAPL NIL feet
 LNAPL Thickness _____ feet
 Sample Date 9-18-01 8:40 Sample No. SBI002; MW28D; 6091801:505
 Purging Method bailer

| WELL PURGING | | | PARAMETERS | | | | | |
|----------------------|--|---------------------|------------|-------------------|-----------------------------------|-----------------------|-------------|-------------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units $\frac{L}{L}$ at 25°C | Turbidity Units _____ | Units _____ | Units _____ |
| 7:37 | NA | Static Conditions | 11.8 | 7.02 | 854 | Clear | | |
| 7:40 | 2.75 | 1 | 11.3 | 7.09 | 873 | Sl. Clear | | |
| 7:43 7:43 | 5.50 | 2 | 10.7 | 7.10 | 870 | Turbid | | |
| 7:46 | 8.25 | 3 | 10.3 | 7.11 | 874 | " | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 2.65 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. MW-285
 Site No. _____ Site Location Allied
 Project No. & Phase SBI002
 Weather Conditions & Approx. Air Temperature Sunny 70's
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 25.08 feet Total Depth of Well 27.60 feet
 LNAPL (Yes / No), Depth to LNAPL NIL feet
 LNAPL Thickness _____ feet
 Sample Date 9-18-01 8:50 Sample No. SBI002: MW285: G09 (B01): S05
 Purging Method Bailer

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|---|---------------------|------------|-------------------|------------------------------|-----------------------|-------------|-------------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/ WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units <u>µ</u> at 25°C | Turbidity Units _____ | Units _____ | Units _____ |
| 7:48 | NA | Static Conditions | 10.8 | 7.03 | 774 | clear | | |
| 7:49 | .50 | 1 | 10.4 | 7.02 | 632 | Turbid | | |
| 7:50 | 1.0 | 2 | 10.4 | 7.01 | 770 | " | | |
| 7:51 | 1.5 | 3 | 10.4 | 7.02 | 771 | " | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals .41 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____



Hull & Associates, Inc.
6130 Wilcox Road
Dublin, Ohio 43016

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. MW-30D
 Site No. _____ Site Location Allied
 Project No. & Phase SB1002
 Weather Conditions & Approx. Air Temperature Sunny 70's
 Type of Well Construction 2"
 Condition of Well (Good / (Poor)); if poor, specify open, no cap on well
 Cap Locked (Yes / (No)) _____ Lock No. _____
 Depth to Water 16.95 # 15.90 feet Total Depth of Well 43.78 feet
 NAPL (Yes / No), Depth to NAPL NIL feet
 NAPL Thickness _____ feet
 Sample Date 9-20-01 Sample No. _____
 Purging Method Dailer

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|---|---------------------|------------|-------------------|-------------------------------|-------------|-------------|-------------|
| TIME | APPROX. VOLUME PURGED (GALLONS) / WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units <u>µS</u> at 25°C | Units _____ | Units _____ | Units _____ |
| 950 | NA | Static Conditions | 17.1 | 6.86 | 509 | | | |
| 1000 | 4.75 | 1 | 15.2 | 7.42 | 601 | | | |
| 1003 | <u>Dox @ 7.0</u> | 2 | 15.1 | 7.47 | 607 | | | |
| | | 3 | | | | | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 4.54 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ NAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. HMW-315
 Site Location N. Side Sample
 Site No. _____ Project No. & Phase SBI002
 Weather Conditions & Approx. Air Temperature Overcast 80's
 Type of Well Construction 2" well
 Condition of Well (Good / Poor); if poor, specify good
 Cap Locked (Yes / No) Yes Lock No. 3474
 Depth to Water 23.34 feet Total Depth of Well 28.26 feet
 LNAPL (Yes / No), Depth to LNAPL NIL feet
 LNAPL Thickness _____ feet
 Sample Date 9-17-01 11:40 Sample No. SBI002:HMWS:6091701:523
 Purging Method 2" Dip Bail

9-17-01

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|---|---------------------|------------|-------------------|---------------------------|-----------------|-------|-------|
| TIME | APPROX. VOLUME PURGED (GALLONS) / WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units μ at 25°C | turbidity Units | Units | Units |
| 10:40 | NA | Static Conditions | 11.8 | 7.19 | 849 | sl. clear | | |
| 10:41 | 1 | 1 | 11.6 | 7.13 | 857 | very turbid | | |
| 10:43 | 2 | 2 | 11.4 | 7.14 | 773 | " | | |
| 10:44 | 3 | 3 | 11.4 | 7.13 | 820 | " | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals .80 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. HMW-31T
 Site No. _____ Site Location N. Side of sample
 Project No. & Phase 881002
 Weather Conditions & Approx. Air Temperature Overcast
 Type of Well Construction 2" well
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water ~~23.02~~ 23.22 feet Total Depth of Well 45.04 feet
 LNAPL (Yes / No), Depth to LNAPL NIL feet
 LNAPL Thickness _____ feet
 Sample Date 9-17-01 12:50 Sample No. 531002:HMW31T:60917010:52
9-17-01 Purging Method 2" Disp Bailer 531002:HMW31T:60917010:52
NAT

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|------------|-------------------|------------------------------|-----------------------|-------------|-------------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units <u>u</u> at 25°C | Turbidity Units _____ | Units _____ | Units _____ |
| 10:23 | NA | Static Conditions | 13.7 | 7.10 | 797 | Very turbid | | |
| 10:26 | 3.75 | 1 | 12.7 | 7.18 | 598 | " | | |
| 10:31 | 7.50 | 2 | 11.9 | 7.22 | 813 | " | | |
| 10:35 | 11.25 | 3 | 11.2 | 7.25 | 813 | " | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 3.56 Gallons

Comments Strong odor

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. HMW-31D
 Site Location N. Side sample
 Site No. _____ Project No. & Phase SBI002
 Weather Conditions & Approx. Air Temperature overcast 80's
 Type of Well Construction 2" well
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes / No) yes Lock No. 3476
 Depth to Water 23.43 feet Total Depth of Well 60.44 feet
 LNAPL (Yes / No), Depth to LNAPL _____ feet
 LNAPL Thickness NIL feet
 Sample Date 9-17-01 11:25 Sample No. SBI002; HMW31D: 4091701: 523
 Purging Method 2" Dipper

9-17-01

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|------------|-------------------|---------------------------|-------------|-------------|-------------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units μ at 25°C | Units _____ | Units _____ | Units _____ |
| 10:22 | NA | Static Conditions | 16.2 | 6.83 | 851 | clear | | |
| 10:25 | 6.25 | 1 | 13.0 | 7.13 | 815 | clear | | |
| 10:28 | 12.5 | 2 | 12.3 | 7.19 | 860 | clear | | |
| 10:31 | 18.75 | 3 | 11.7 | 7.19 | 860 | clear | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 6.03 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. HMW-33D
 Site No. _____ Site Location Allied
 Project No. & Phase SBI002
 Weather Conditions & Approx. Air Temperature Indoors
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 25.77 28.52 (MAY) feet Total Depth of Well 49.43 feet
 LNAPL (Yes / No), Depth to LNAPL XIL feet
 LNAPL Thickness _____ feet
 Sample Date 9-19-01 @ 1350 Sample No. SBI002: HMW33D:
 Purging Method bailer G-9901:503

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|------------|-------------------|---------------------------|-----------------------|-------------|-------------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units μ at 25°C | Turbidity Units _____ | Units _____ | Units _____ |
| 12:26 | NA | Static Conditions | 10.8 | 7.13 | 1132 | Clear | | |
| 12:38 | 4.0 | 1 | 10.5 | 7.20 | 1130 | Turbid | | |
| 12:42 | 8.0 | 2 | 10.2 | 7.21 | 1133 | " | | |
| 12:48 | 12.0 | 3 | 9.9 | 7.23 | 1136 | " | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 3.86 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. HMW-335
 Site No. _____ Site Location Allied
 Project No. & Phase SBI002
 Weather Conditions & Approx. Air Temperature Indoors
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes / No) Yes Lock No. 3470
 Depth to Water 25.52 feet Total Depth of Well 29.70 feet
 LNAPL (Yes / No), Depth to LNAPL NIL feet
 LNAPL Thickness _____ feet
 Sample Date 9-19-02 1345 Sample No. SBI 002: HMW335: G-09101: 503
 Purging Method Dailer

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|------------|-------------------|---------------------|-----------------|-------|-------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units at 25°C | Turbidity Units | Units | Units |
| 12:19 | NA | Static Conditions | 11.3 | 6.93 | 827 | sl. Clear | | |
| 12:21 | 0.75 | 1 | 10.7 | 6.98 | 817 | Very turbid | | |
| 12:23 | 1.50 | 2 | 10.2 | 7.03 | 824 | " " | | |
| 12:25 | 2.25 | 3 | 9.9 | 7.10 | 829 | " " | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 168 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. HMW-345
 Site No. _____ Site Location SBL
 Project No. & Phase SB1002
 Weather Conditions & Approx. Air Temperature Cloudy 65°s
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify Good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 24.84 feet Total Depth of Well 29.30.86 feet
 LNAPL (Yes / No), Depth to LNAPL NIL feet
 LNAPL Thickness _____ feet
 Sample Date 9-18-01 @ 10:00 Sample No. SB1002: HMW345: G09190150
 Purging Method bailer

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|---|---------------------|------------|-------------------|---------------------------|-----------------|-------|-------|
| TIME | APPROX. VOLUME PURGED (GALLONS) / WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units μ at 25°C | Turbidity Units | Units | Units |
| 7:53 | NA | Static Conditions | 11.3 | 6.90 | 1095 | sl. clear | | |
| 7:55 | 1.0 | 1 | 10.6 | 7.02 | 1094 | very turbid | | |
| 7:57 | 2.0 | 2 | 10.2 | 7.09 | 1146 | " " | | |
| 7:59 | 3.0 | 3 | 10.0 | 7.09 | 1154 | " " | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals .98 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

Hull & Associates, Inc.

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client South Bend Well I.D. HMW-355
 Site No. _____ Site Location Allied
 Project No. & Phase SBI002
 Weather Conditions & Approx. Air Temperature Cloudy 80°s
 Type of Well Construction 2"
 Condition of Well (Good / Poor); if poor, specify good
 Cap Locked (Yes / No) Yes Lock No. 3476
 Depth to Water 24.02 feet Total Depth of Well 31.01 feet
 LNAPL (Yes / No), Depth to LNAPL NIL feet
 LNAPL Thickness _____ feet
 Sample Date 9-17-01 @ 18:00 Sample No. SBI002 : HMW355 : G091701:52
 Purging Method tailer

| WELL PURGING | | | PARAMETERS | | | | | |
|--------------|--|---------------------|------------|-------------------|---------------------------|-----------------------|-------------|-------------|
| TIME | APPROX. VOLUME PURGED(GALLONS)/WELL VOLUME | NO. OF WELL VOLUMES | TEMP. °C | pH (S.U.) at 25°C | COND. Units μ at 25°C | Turbidity Units _____ | Units _____ | Units _____ |
| 15:18 | NA | Static Conditions | 10.1 | 7.05 | 848 | clear | | |
| 15:21 | 1.25 | 1 | 10.1 | 7.08 | 861 | very turbid | | |
| 15:24 | 2.5 | 2 | 9.9 | 7.10 | 857 | " " | | |
| 15:26 | 3.75 | 3 | 9.9 | 7.11 | 859 | " " | | |
| | | 4 | | | | | | |
| | | 5 | | | | | | |

One Well Volume Equals 1.14 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

ORIGINAL

HULL & ASSOCIATES, INC.
6161 COCHRAN ROAD, SUITE A
SOLON, OHIO 44139
TELEPHONE (440) 519-2555
FAX (440) 519-2560

FIELD DATA SHEET
~~WELL DEVELOPMENT~~
purge/sample

DATE: 9-14-01
WELL I.D. HMLW-28D

CLIENT _____ SITE LOCATION Fire Station
SITE NO. _____ PROJECT NO. SB1001
TYPE OF WELL CONSTRUCTION 2" PVC
CONDITION OF WELL circle (GOOD / POOR) if poor, specify _____
DEPTH TO WATER 20.88 FEET TOTAL DEPTH (INITIAL) 99.36 FEET
FREE PRODUCT circle (YES / NO) DEPTH TO PRODUCT _____ FEET
SB1001; HMLW28D:

| PURGE DATA | | FIELD TESTING / WELL VOLUME | | | |
|--------------------------------------|---------------------|-----------------------------|---------------|------------|---------------------------|
| VOLUME PURGED (GALLONS)/ WELL VOLUME | NO. OF WELL VOLUMES | DEVELOPMENT METHOD | TEMPERATURE C | pH AT 25 C | CONDUCTIVITY units AT 25C |
| N/A | INITIAL | | 19.8 | 8.03 | 184.7 |
| 12.0 | 1 | | 17.4 | 7.17 | 148.1 |
| 24.0 | 2 | | 16.2 | 7.01 | 146.7 |
| 36.0 | 3 | | 16.0 | 6.96 | 145.8 |
| | 4 | | | | |
| | 5 | | | | |
| | 6 | | | | |
| | 7 | | | | |
| | 8 | | | | |

RECOVERY: good
ONE WELL VOLUME EQUALS: 11.76 GALLONS
TOTAL DEPTH (FINAL): Clear
COMMENTS: _____

VOLUME PER LINEAR FEET
2" - .16 gal. 8" - 2.61 gal.
4" - .65 gal. 12" - 5.89 gal.
6" - 1.47 gal.

INI/10005003



HULL & ASSOCIATES, INC.
6161 COCHRAN ROAD, SUITE A
SOLON, OHIO 44139
TELEPHONE (440) 519-2555
FAX (440) 519-2560

FIELD DATA SHEET
WELL ~~DEVELOPMENT~~
purge/sample

DATE: 9-14-01
WELL I.D. HMW-30D

CLIENT SOUTH BEND SITE LOCATION POLICE STATION
SITE NO. _____ PROJECT NO. SBI001
TYPE OF WELL CONSTRUCTION 2" PVC
CONDITION OF WELL circle (GOOD / POOR) if poor, specify _____
DEPTH TO WATER 22.67 FEET TOTAL DEPTH (INITIAL) 67.81 FEET
FREE PRODUCT circle (YES / NO) DEPTH TO PRODUCT N/A FEET

| PURGE DATA | | FIELD TESTING / WELL VOLUME | | | |
|--------------------------------------|---------------------|-----------------------------|---------------|------------|---------------------------|
| VOLUME PURGED (GALLONS)/ WELL VOLUME | NO. OF WELL VOLUMES | DEVELOPMENT METHOD | TEMPERATURE C | pH AT 25 C | CONDUCTIVITY units AT 25C |
| N/A | INITIAL | BALE | 17.1 | 6.60 | 179.3 |
| 7.25 | 1 | - | 16.0 | 6.48 | 176.5 |
| 14.5 | 2 | | 17.1 | 6.44 | 176.8 |
| 21.75 | 3 | | 15.7 | 6.52 | 177.5 |
| | 4 | | | | |
| | 5 | | | | |
| | 6 | | | | |
| | 7 | | | | |
| | 8 | | | | |

RECOVERY: good
ONE WELL VOLUME EQUALS: 7.22 GALLONS
TOTAL DEPTH (FINAL): _____
COMMENTS: Clear

VOLUME PER LINEAR FEET
2" - .16 gal. 8" - 2.61 gal.
4" - .65 gal. 12" - 5.89 gal.
6" - 1.47 gal.



HULL & ASSOCIATES, INC.
 6161 COCHRAN ROAD, SUITE A
 SOLON, OHIO 44139
 TELEPHONE (440) 519-2555
 FAX (440) 519-2560

FIELD DATA SHEET
~~WELL DEVELOPMENT~~
 Purge / Sample

DATE: 9-13-01
 WELL I.D. HMW-32I

CLIENT _____ SITE LOCATION St. Joseph's Jail

SITE NO. _____ PROJECT NO. SBI001

TYPE OF WELL CONSTRUCTION 2" PVC

CONDITION OF WELL circle (GOOD) / POOR) if poor, specify _____

DEPTH TO WATER 23.54 FEET TOTAL DEPTH (INITIAL) 40.10 FEET

FREE PRODUCT circle (YES / NO) DEPTH TO PRODUCT _____ FEET

SBI 001: HMW32I:505

| PURGE DATA | | FIELD TESTING / WELL VOLUME | | | |
|---------------------------------------|---------------------|-------------------------------|---------------|------------|---------------------------|
| VOLUME PURGED (GALLONS) / WELL VOLUME | NO. OF WELL VOLUMES | DEVELOPMENT METHOD | TEMPERATURE C | pH AT 25 C | CONDUCTIVITY units AT 25C |
| N/A | INITIAL | <u>bail</u> | 17.2 | 8.22 | 179.2 |
| 2.75 | 1 | " " | 16.5 | 7.06 | 163.1 |
| 5.5 | 2 | " " | 16.0 | 6.84 | 159.6 |
| 8.25 | 3 | " " | 16.1 | 6.85 | 161.1 |
| | 4 | | | | |
| | 5 | | | | |
| | 6 | | | | |
| | 7 | | | | |
| | 8 | | | | |

RECOVERY: good

ONE WELL VOLUME EQUALS: 2.64 GALLONS

TOTAL DEPTH (FINAL): lot. brown / cloudy

COMMENTS: _____

VOLUME PER LINEAR FEET
 2" - .16 gal. 8" - 2.61 gal.
 4" - .65 gal. 12" - 5.89 gal.
 6" - 1.47 gal.

APPENDIX D

Laboratory Reports and Chain of Custody Forms for Soil Samples

SBI002

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/20/2001

Job Number: 01.14423

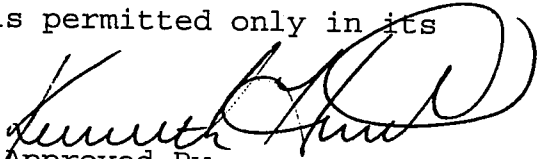
Enclosed is the analytical report for the following samples submitted to the Dayton Division of TestAmerica, Inc. for analysis:

| <u>Sample Number</u> | <u>Sample Description</u> | <u>Date Taken</u> | <u>Date Received</u> |
|----------------------|---------------------------|-------------------|----------------------|
| 699247 | SBI002:HMW8D:S010020:505 | 08/09/2001 | 08/10/2001 |

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Reproduction of this analytical report is permitted only in its entirety.

Enclosure


Approved By

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/20/2001

Job Number: 01.14423

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|--------------------------------|--------------------------|----------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 699247 | SBI002:HMW8D:S010020:505 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 07:40 |
| Dry Weight | 95.6 | % | | | 08/16/2001 | | 1478 | | mhg | SM 2540 G. |
| ICP NONAQUEOUS | Complete | | | | 08/16/2001 | | 1229 | Complete | emd | SW 6010B |
| Arsenic, ICP | <3.5 | mg/kg dw | | | 08/16/2001 | 901 | 2956 | <3.5 | emd | SW 6010B |
| Barium, ICP | 14.3 | mg/kg dw | | | 08/16/2001 | 901 | 2887 | <0.70 | emd | SW 6010B |
| Cadmium, ICP | <1.0 | mg/kg dw | | | 08/16/2001 | 901 | 2869 | <1.0 | emd | SW 6010B |
| Chromium, ICP | 3.7 | mg/kg dw | | | 08/16/2001 | 901 | 2857 | <1.4 | emd | SW 6010B |
| Lead, ICP | 11.0 | mg/kg dw | | | 08/16/2001 | 901 | 2858 | <2.8 | emd | SW 6010B |
| Mercury, CVAA | 0.055 | mg/kg dw | | | 08/17/2001 | 610 | 625 | <0.008 | epk | SW 7471A |
| Selenium, ICP | <3.5 | mg/kg dw | | | 08/16/2001 | 901 | 2936 | <3.5 | emd | SW 6010B |
| Silver, ICP | <1.4 | mg/kg dw | | | 08/16/2001 | 901 | 2889 | <1.4 | emd | SW 6010B |
| ICP Digestion, Nonaqueous | Complete | | | | 08/15/2001 | 901 | | Complete | mrt | SW 3050B |
| Mercury Digestion, Non-Aq | Complete | | | | 08/16/2001 | 610 | | Complete | epk | SW 7471A |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | Complete | | | | 08/14/2001 | | 1462 | Complete | bmh | |
| Acetone | <105 | ug/kg dw | | | 08/14/2001 | | 1462 | <105 | bmh | SW 8260A |
| Benzene | <5.2 | ug/kg dw | | | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A |
| tert-Butylbenzene | <5.2 | ug/kg dw | | | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A |
| sec-Butylbenzene | <5.2 | ug/kg dw | | | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A |
| n-Butylbenzene | <5.2 | ug/kg dw | | | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A |
| Bromochloromethane | <5.2 | ug/kg dw | | | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A |
| Bromodichloromethane | <5.2 | ug/kg dw | | | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A |
| Bromoform | <5.2 | ug/kg dw | | | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A |
| Bromobenzene | <5.2 | ug/kg dw | | | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A |
| 2-Butanone (MEK) | <52 | ug/kg dw | | | 08/14/2001 | | 1462 | <52 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/20/2001

Job Number: 01.14423

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 699247 | SBI002:HMW8D:S010020:505 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 07:40 |
| | Carbon disulfide | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A |
| | Carbon tetrachloride | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A |
| | Chlorobenzene | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A |
| | Chloroethane | <10.5 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <10.5 | bmh | SW 8260A |
| | 2-Chlorotoluene | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A |
| | 4-Chlorotoluene | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A |
| | Chloroform | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A |
| | Chloromethane | <10.5 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <10.5 | bmh | SW 8260A |
| | Dibromochloromethane | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A |
| | Dibromomethane | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A |
| | Dichlorodifluoromethane | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A |
| | 1,2-Dibromo-3-chloropropane | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A |
| | 1,2-Dichlorobenzene | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A |
| | 1,3-Dichlorobenzene | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A |
| | 1,4-Dichlorobenzene | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A |
| | 1,1-Dichloroethane | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A |
| | 1,2-Dichloroethane | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A |
| | 1,1-Dichloroethene | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A |
| | cis-1,2-Dichloroethene | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A |
| | trans-1,2-Dichloroethene | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A |
| | 1,2-Dichloropropane | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A |
| | 1,3-Dichloropropane | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A |
| | 2,2-Dichloropropane | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A |
| | 1,1-Dichloropropene | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A |
| | cis-1,3-Dichloropropene | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/20/2001

Job Number: 01.14423

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 699247 | SBI002:HMW8D:S010020:505 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 07:40 |
| | trans-1,3-Dichloropropene | <5.2 | | ug/kg dw | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A |
| | Ethylbenzene | <5.2 | | ug/kg dw | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A |
| | Hexachlorobutadiene | <5.2 | | ug/kg dw | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A |
| | n-Hexane | <20.9 | | ug/kg dw | 08/14/2001 | | 1462 | <20.9 | bmh | SW 8260A |
| | 2-Hexanone | <52.3 | | ug/kg dw | 08/14/2001 | | 1462 | <52.3 | bmh | SW 8260A |
| | Isopropylbenzene (Cumene) | <5.2 | | ug/kg dw | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A |
| | p-Isopropyltoluene | <5.2 | | ug/kg dw | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A |
| | Bromomethane | <10.5 | | ug/kg dw | 08/14/2001 | | 1462 | <10.5 | bmh | SW 8260A |
| | Methylene Chloride | <10.5 | | ug/kg dw | 08/14/2001 | | 1462 | <10.5 | bmh | SW 8260A |
| | Methyl t-butyl ether (MTBE) | <5.2 | | ug/kg dw | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A |
| | 4-Methyl-2-pentanone (MIBK) | <52.3 | | ug/kg dw | 08/14/2001 | | 1462 | <52.3 | bmh | SW 8260A |
| | n-Propylbenzene | <5.2 | | ug/kg dw | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A |
| | Styrene | <5.2 | | ug/kg dw | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A |
| | Naphthalene | <5.2 | | ug/kg dw | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A |
| | 1,1,1,2-Tetrachloroethane | <5.2 | | ug/kg dw | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A |
| | 1,1,2,2-Tetrachloroethane | <5.2 | | ug/kg dw | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A |
| | Tetrachloroethene | <5.2 | | ug/kg dw | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A |
| | Toluene | <5.2 | | ug/kg dw | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A |
| | 1,2,4-Trichlorobenzene | <5.2 | | ug/kg dw | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A |
| | 1,1,1-Trichloroethane | <5.2 | | ug/kg dw | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A |
| | 1,1,2-Trichloroethane | <5.2 | | ug/kg dw | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A |
| | Trichloroethene | <5.2 | | ug/kg dw | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A |
| | Trichlorofluoromethane | <5.2 | | ug/kg dw | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A |
| | 1,2,3-Trichloropropane | <5.2 | | ug/kg dw | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A |
| | 1,2,4-Trimethylbenzene | <5.2 | | ug/kg dw | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A |

PAGE 6 of 6

QUALITY CONTROL FLAG DEFINITIONS

Job Number: 01.14423

(*) Indicates an out-of-control QC. The analytical data was reported based on other supporting quality control information.

(Note) Indicates to review the notes and comments section of the analytical report as there is additional information concerning this analytical result.

(MS) Indicates that the Matrix Spike (MS) was out of statistical advisory limits.

(MSD) Indicates that the Matrix Spike Duplicate (MSD) was out of statistical advisory limits.

(RPD) Indicates that the Relative Percent Difference (RPD) for the MS/MSD pair was outside of statistical advisory limits.

(SS) Indicates that the MS and MSD were out of statistical advisory limits.

(SSR) Indicates that the MS, MSD and RPD were out of statistical advisory limits.

(MSR) Indicates that the MS and RPD were out of statistical advisory limits.

(MSDR) Indicates that the MSD and RPD were out of statistical advisory limits.

(DL) Indicates that the MS and MSD were diluted out and the percent recoveries of the spikes could not be calculated.

(LS) Indicates that statistical accuracy and precision data is not available for spike concentrations which are $< 1/4$ of the sample amount. Care should be used in interpreting this data.

(J) Indicates estimated concentration due to internal standard areas or surrogate recoveries outside of control limits. A sample matrix effect is usually indicated.

(DW) Indicates Dry Weight.

Analytical Reporting Limits

The reporting limits listed for non-aqueous samples in the analytical report section are Practical Quantitation Limits (PQLs). These PQLs are based upon a typical standard weight used for a non-aqueous sample. The reporting limit for a sample may be different from the PQL listed depending upon the actual weight of sample used, the samples moisture content and any dilutions used during the analysis.

1.14423

PAGE 1 OF 1

NO. 5325

CHAIN OF CUSTODY RECORD



Hull & Associates, Inc.

Warrensville Heights
 4949 Galaxy Parkway, Suite S
 Warrensville Heights, Ohio 44128
 Phone: (216)514-7100
 FAX: (216)514-7104

Mason
 4700 Duke Drive, Suite 172
 Mason, Ohio 45040
 Phone: (513)459-9677
 FAX: (513)459-9869

Dublin
 3401 Glendale Avenue
 SUITE 300
 Toledo, Ohio 43614
 Phone: (419)385-2018
 FAX: (419)385-5489

REPORT TO: Kevin Widman

Client: South Bend

Site: Area A

Project#: SP002 Phase: DTST

Samplers: Matt Young

PRESERVATIVES

ANALYSES

SAMPLE TYPES
 A - AIR
 C - ASBESTOS
 D - SEDIMENT
 G - GROUNDWATER
 P - PRODUCT
 S - SOIL
 W - WATER
 Z - OTHERS

PRESERVATIVES
 A - Cool only, <4° C
 B - HNO₃ pH<2
 C - H₂SO₄ pH<2
 D - NaOH pH>12
 E - Zinc acetate + NaOH, pH>9
 F - No. S₂O₅(O,OOBx)
 G - HCl pH<2

METALS
 F - FILTERED
 N - NOT FILTERED
 B - BOTH

| PROJECT NO. | SAMPLE LOCATION | SAMPLE TYPE | SAMPLER ID | NO. OF METALS CONT. | SAMPLING DATE/TIME | COMMENTS |
|-------------|-----------------|-------------|------------|---------------------|--------------------|---------------|
| SP002-HMW05 | | SO020 | SOS | 2-402 NA | 8-9-01 7:40 P | VOCs - Metals |
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RELINQUISHED BY: Matt Young DATE: 8-9-01
 TIME: 1:00

RECEIVED BY: Kevin Ex DATE: 9-9-01
 TIME: 1:00

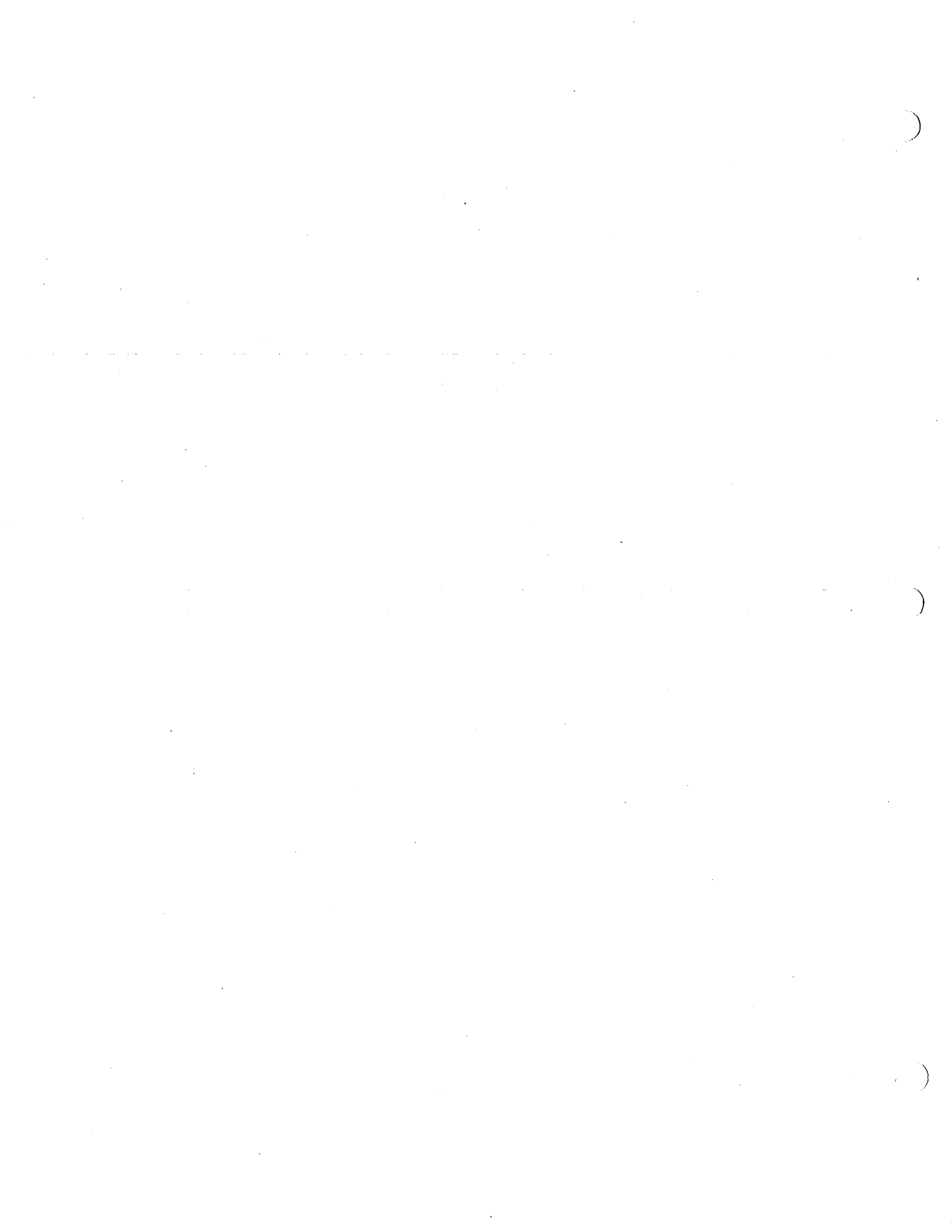
RELINQUISHED BY: DATE: TIME: TIME:
 RELINQUISHED BY: DATE: TIME: TIME:
 RELINQUISHED BY: DATE: TIME: TIME:

COOLER TEMPERATURE AS RECEIVED °C: 4°

RECEIVED FOR LAB BY: Kevin DATE: 8-10-01
 TIME: 9:30

DISTRIBUTION:
 WHITE --- LAB USE (MUST BE RETURNED WITH REPORT)
 YELLOW --- LAB USE
 PINK --- RETAINED BY HW

Deliver To: TEST America
 Method of Delivery: Fed Ex
 Airbill Number: 82626596802B
 NOTES: Get sample Temp. From Field Blank YOA
 TURN AROUND TIME: SID DAYS



SBI002

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/23/2001

Job Number: 01.14439

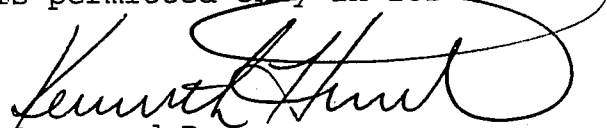
Enclosed is the analytical report for the following samples submitted to the Dayton Division of TestAmerica, Inc. for analysis:

| <u>Sample Number</u> | <u>Sample Description</u> | <u>Date Taken</u> | <u>Date Received</u> |
|----------------------|---------------------------|-------------------|----------------------|
| 699274 | SBI002:HMW19S:S000020:428 | 08/08/2001 | 08/10/2001 |
| 699275 | SBI002:HMW23S:S100115:428 | 08/08/2001 | 08/10/2001 |
| 699276 | SBI002:HMW23S:S060070:428 | 08/08/2001 | 08/10/2001 |
| 699281 | SBI002:HMW33D:S000020:428 | 08/09/2001 | 08/10/2001 |

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Reproduction of this analytical report is permitted only in its entirety.

Enclosure


Approved By

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/23/2001

Job Number: 01.14439

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|---------------------------|----------|------|----------|------------|-------|-------|-----------|---------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | | Limit | |
| 699274 | SBI002:HMW19S:S000020:428 | | | | | | | | | DATE/TIME TAKEN 08/08/2001 10:40 |
| Dry Weight | | 89.4 | | % | 08/16/2001 | | 1478 | | emd | SM 2540 G. |
| ICP NONAQUEOUS | | Complete | | | 08/16/2001 | | 1229 | Complete | emd | SW 6010B |
| Arsenic, ICP | | <3.6 | | mg/kg dw | 08/16/2001 | 901 | 2956 | <3.6 | emd | SW 6010B |
| Barium, ICP | | 69.7 | | mg/kg dw | 08/16/2001 | 901 | 2887 | <0.72 | emd | SW 6010B |
| Cadmium, ICP | | <1.1 | | mg/kg dw | 08/16/2001 | 901 | 2869 | <1.1 | emd | SW 6010B |
| Chromium, ICP | | 5.7 | | mg/kg dw | 08/16/2001 | 901 | 2857 | <1.5 | emd | SW 6010B |
| Lead, ICP | | 89.4 | | mg/kg dw | 08/16/2001 | 901 | 2858 | <2.9 | emd | SW 6010B |
| Mercury, CVAA | | 1.14 | | mg/kg dw | 08/17/2001 | 610 | 625 | <0.040 | epk | SW 7471A |
| Selenium, ICP | | <3.6 | | mg/kg dw | 08/16/2001 | 901 | 2936 | <3.6 | emd | SW 6010B |
| Silver, ICP | | <1.5 | | mg/kg dw | 08/16/2001 | 901 | 2889 | <1.5 | emd | SW 6010B |
| ICP Digestion, Nonaqueous | | Complete | | | 08/15/2001 | 901 | | Complete | mrt | SW 3050B |
| Mercury Digestion, Non-Aq | | Complete | | | 08/16/2001 | 610 | | Complete | epk | SW 7471A |
| Prep, BNA Non-Aq | | Complete | | | 08/14/2001 | 948 | | Complete | mem | EPA 625; SW 3540C; SW 3545 |
| Prep, TPH 418.1 Nonaq | | COMPLETE | | | 08/15/2001 | 589 | | Complete | 110 | SW 9071 |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | | Complete | | | 08/14/2001 | | 1462 | Complete | bmh | |
| Acetone | | <112 | | ug/kg dw | 08/14/2001 | | 1462 | <112 | bmh | SW 8260A |
| Benzene | | <5.6 | | ug/kg dw | 08/14/2001 | | 1462 | <5.6 | bmh | SW 8260A |
| tert-Butylbenzene | | <5.6 | | ug/kg dw | 08/14/2001 | | 1462 | <5.6 | bmh | SW 8260A |
| sec-Butylbenzene | | <5.6 | | ug/kg dw | 08/14/2001 | | 1462 | <5.6 | bmh | SW 8260A |
| n-Butylbenzene | | <5.6 | | ug/kg dw | 08/14/2001 | | 1462 | <5.6 | bmh | SW 8260A |
| Bromochloromethane | | <5.6 | | ug/kg dw | 08/14/2001 | | 1462 | <5.6 | bmh | SW 8260A |
| Bromodichloromethane | | <5.6 | | ug/kg dw | 08/14/2001 | | 1462 | <5.6 | bmh | SW 8260A |
| Bromoform | | <5.6 | | ug/kg dw | 08/14/2001 | | 1462 | <5.6 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/23/2001

Job Number: 01.14439

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|---------------------------|--------|------|----------|---------------|-------|-------|-----------|---------|-------------------------------------|
| | | | | | | Batch | Batch | | | |
| 699274 | SBI002:HMW19S:S000020:428 | | | | | | | | | DATE/TIME TAKEN 08/08/2001 10:40 |
| 1,1-Dichloropropene | | <5.6 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.6 | bmh | SW 8260A |
| cis-1,3-Dichloropropene | | <5.6 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.6 | bmh | SW 8260A |
| trans-1,3-Dichloropropene | | <5.6 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.6 | bmh | SW 8260A |
| Ethylbenzene | | <5.6 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.6 | bmh | SW 8260A |
| Hexachlorobutadiene | | <5.6 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.6 | bmh | SW 8260A |
| n-Hexane | | <22.4 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <22.4 | bmh | SW 8260A |
| 2-Hexanone | | <55.9 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <55.9 | bmh | SW 8260A |
| Isopropylbenzene (Cumene) | | <5.6 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.6 | bmh | SW 8260A |
| p-Isopropyltoluene | | <5.6 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.6 | bmh | SW 8260A |
| Bromomethane | | <11.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <11.2 | bmh | SW 8260A |
| Methylene Chloride | | <11.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <11.2 | bmh | SW 8260A |
| Methyl t-butyl ether (MTBE) | | <5.6 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.6 | bmh | SW 8260A |
| 4-Methyl-2-pentanone (MIBK) | | <55.9 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <55.9 | bmh | SW 8260A |
| n-Propylbenzene | | <5.6 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.6 | bmh | SW 8260A |
| Styrene | | <5.6 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.6 | bmh | SW 8260A |
| Naphthalene | | <5.6 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.6 | bmh | SW 8260A |
| 1,1,1,2-Tetrachloroethane | | <5.6 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.6 | bmh | SW 8260A |
| 1,1,2,2-Tetrachloroethane | | <5.6 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.6 | bmh | SW 8260A |
| Tetrachloroethene | | <5.6 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.6 | bmh | SW 8260A |
| Toluene | | <5.6 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.6 | bmh | SW 8260A |
| 1,2,4-Trichlorobenzene | | <5.6 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.6 | bmh | SW 8260A |
| 1,1,1-Trichloroethane | | <5.6 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.6 | bmh | SW 8260A |
| 1,1,2-Trichloroethane | | <5.6 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.6 | bmh | SW 8260A |
| Trichloroethene | | <5.6 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.6 | bmh | SW 8260A |
| Trichlorofluoromethane | | <5.6 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.6 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/23/2001

Job Number: 01.14439

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-------------------------------|---------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 699274 | SBI002:HMW19S:S000020:428 | | | | | | | | | DATE/TIME TAKEN 08/08/2001 10:40 |
| 1,2,3-Trichloropropane | | <5.6 | | ug/kg dw | 08/14/2001 | | 1462 | <5.6 | bmh | SW 8260A |
| 1,2,4-Trimethylbenzene | | <5.6 | | ug/kg dw | 08/14/2001 | | 1462 | <5.6 | bmh | SW 8260A |
| 1,3,5-Trimethylbenzene | | <5.6 | | ug/kg dw | 08/14/2001 | | 1462 | <5.6 | bmh | SW 8260A |
| Vinyl Acetate | | <5.6 | | ug/kg dw | 08/14/2001 | | 1462 | <5.6 | bmh | SW 8260A |
| Vinyl Chloride | | <2.2 | | ug/kg dw | 08/14/2001 | | 1462 | <2.2 | bmh | SW 8260A |
| Xylenes, Total | | <5.6 | | ug/kg dw | 08/14/2001 | | 1462 | <5.6 | bmh | SW 8260A |
| d4-1,2-Dichloroethane (surr) | | 107 | | % | 08/14/2001 | | 1462 | | bmh | SW 8260A |
| Dibromofluoromethane (surr) | | 102 | | % | 08/14/2001 | | 1462 | | bmh | SW 8260A |
| d8-Toluene (surr) | | 95 | | % | 08/14/2001 | | 1462 | | bmh | SW 8260A |
| Bromofluorobenzene (surr) | | 94 | | % | 08/14/2001 | | 1462 | | bmh | SW 8260A |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| Acenaphthene | | <369 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <369 | jcs | SW 8270C |
| Acenaphthylene | | <369 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <369 | jcs | SW 8270C |
| Anthracene | | <369 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <369 | jcs | SW 8270C |
| Benzo(a)anthracene | | 821 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <369 | jcs | SW 8270C |
| Benzo(b)fluoranthene | | 1,300 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <369 | jcs | SW 8270C |
| Benzo(k)fluoranthene | | 414 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <369 | jcs | SW 8270C |
| Benzo(a)pyrene | | 779 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <185 | jcs | SW 8270C |
| Benzyl alcohol | | <369 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <369 | jcs | SW 8270C |
| Benzyl butyl phthalate | | <369 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <369 | jcs | SW 8270C |
| Bis(2-chloroethyl)ether | | <369 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <369 | jcs | SW 8270C |
| Bis(2-chloroethoxy)methane | | <369 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <369 | jcs | SW 8270C |
| Bis(2-ethylhexyl)phthalate | | <369 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <369 | jcs | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <369 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <369 | jcs | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/23/2001

Job Number: 01.14439

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|----------------------------|---------------------------|--------|------|------------|---------------|--------------|--------------|-----------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 699274 | SBI002:HMW19S:S000020:428 | | | | | | | | | |
| 4-Bromophenyl phenyl ether | <369 | ug/kg | dw | 08/19/2001 | 948 | 1464 | 1464 | <369 | jcs | SW 8270C |
| 4-Chloroaniline | <369 | ug/kg | dw | 08/19/2001 | 948 | 1464 | 1464 | <369 | jcs | SW 8270C |
| 2-Chloronaphthalene | <369 | ug/kg | dw | 08/19/2001 | 948 | 1464 | 1464 | <369 | jcs | SW 8270C |
| Chrysene | 909 | ug/kg | dw | 08/19/2001 | 948 | 1464 | 1464 | <369 | jcs | SW 8270C |
| Dibenzo(a,h)anthracene | <185 | ug/kg | dw | 08/19/2001 | 948 | 1464 | 1464 | <185 | jcs | SW 8270C |
| Dibenzofuran | <369 | ug/kg | dw | 08/19/2001 | 948 | 1464 | 1464 | <369 | jcs | SW 8270C |
| 1,2-Dichlorobenzene | <369 | ug/kg | dw | 08/19/2001 | 948 | 1464 | 1464 | <369 | jcs | SW 8270C |
| 1,3-Dichlorobenzene | <369 | ug/kg | dw | 08/19/2001 | 948 | 1464 | 1464 | <369 | jcs | SW 8270C |
| 1,4-Dichlorobenzene | <369 | ug/kg | dw | 08/19/2001 | 948 | 1464 | 1464 | <369 | jcs | SW 8270C |
| 3,3'-Dichlorobenzidine | <738 | ug/kg | dw | 08/19/2001 | 948 | 1464 | 1464 | <738 | jcs | SW 8270C |
| Diethyl phthalate | <369 | ug/kg | dw | 08/19/2001 | 948 | 1464 | 1464 | <369 | jcs | SW 8270C |
| Dimethyl phthalate | <369 | ug/kg | dw | 08/19/2001 | 948 | 1464 | 1464 | <369 | jcs | SW 8270C |
| 2,4-Dinitrotoluene | <369 | ug/kg | dw | 08/19/2001 | 948 | 1464 | 1464 | <369 | jcs | SW 8270C |
| 2,6-Dinitrotoluene | <369 | ug/kg | dw | 08/19/2001 | 948 | 1464 | 1464 | <369 | jcs | SW 8270C |
| Di-n-octylphthalate | <369 | ug/kg | dw | 08/19/2001 | 948 | 1464 | 1464 | <369 | jcs | SW 8270C |
| Fluoranthene | 1,480 | ug/kg | dw | 08/19/2001 | 948 | 1464 | 1464 | <369 | jcs | SW 8270C |
| Fluorene | <369 | ug/kg | dw | 08/19/2001 | 948 | 1464 | 1464 | <369 | jcs | SW 8270C |
| Hexachlorobenzene | <369 | ug/kg | dw | 08/19/2001 | 948 | 1464 | 1464 | <369 | jcs | SW 8270C |
| Hexachloro-1,3-butadiene | <369 | ug/kg | dw | 08/19/2001 | 948 | 1464 | 1464 | <369 | jcs | SW 8270C |
| Hexachlorocyclopentadiene | <738 | ug/kg | dw | 08/19/2001 | 948 | 1464 | 1464 | <738 | jcs | SW 8270C |
| Hexachloroethane | <369 | ug/kg | dw | 08/19/2001 | 948 | 1464 | 1464 | <369 | jcs | SW 8270C |
| Indeno(1,2,3-cd)pyrene | <369 | ug/kg | dw | 08/19/2001 | 948 | 1464 | 1464 | <369 | jcs | SW 8270C |
| Isophorone | <369 | ug/kg | dw | 08/19/2001 | 948 | 1464 | 1464 | <369 | jcs | SW 8270C |
| Naphthalene | <369 | ug/kg | dw | 08/19/2001 | 948 | 1464 | 1464 | <369 | jcs | SW 8270C |
| Nitrobenzene | <369 | ug/kg | dw | 08/19/2001 | 948 | 1464 | 1464 | <369 | jcs | SW 8270C |

DATE/TIME TAKEN
08/08/2001 10:40

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/23/2001

Job Number: 01.14439

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------------------------|---------------------------|----------|------------|-------|----------|--------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 699274 | SBI002:HMW19S:S000020:428 | | | | | | | | | DATE/TIME TAKEN 08/08/2001 10:40 |
| N-Nitrosodi-n-propylamine | <369 | ug/kg dw | 08/19/2001 | 948 | 1464 | <369 | jcs | SW 8270C | | |
| Phenanthrene | 1,330 | ug/kg dw | 08/19/2001 | 948 | 1464 | <369 | jcs | SW 8270C | | |
| Pyrene | 1,790 | ug/kg dw | 08/19/2001 | 948 | 1464 | <369 | jcs | SW 8270C | | |
| 1,2,4-Trichlorobenzene | <369 | ug/kg dw | 08/19/2001 | 948 | 1464 | <369 | jcs | SW 8270C | | |
| Surrogate: d5-Nitrobenzene | 71 | % | 08/19/2001 | 948 | 1464 | | jcs | SW 8270C | | |
| Surrogate: 2-Fluorobiphenyl | 73 | % | 08/19/2001 | 948 | 1464 | | jcs | SW 8270C | | |
| Surrogate: d14-Terphenyl | 81 | % | 08/19/2001 | 948 | 1464 | | jcs | SW 8270C | | |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | |
| Benzoic Acid | <1,850 | ug/kg dw | 08/19/2001 | 948 | 1464 | <1,850 | jcs | SW 8270C | | |
| 4-Chloro-3-methylphenol | <369 | ug/kg dw | 08/19/2001 | 948 | 1464 | <369 | jcs | SW 8270C | | |
| 2-Chlorophenol | <369 | ug/kg dw | 08/19/2001 | 948 | 1464 | <369 | jcs | SW 8270C | | |
| 2,4-Dichlorophenol | <369 | ug/kg dw | 08/19/2001 | 948 | 1464 | <369 | jcs | SW 8270C | | |
| 2,4-Dimethylphenol | <369 | ug/kg dw | 08/19/2001 | 948 | 1464 | <369 | jcs | SW 8270C | | |
| 2-Methyl-4,6-dinitrophenol | <369 | ug/kg dw | 08/19/2001 | 948 | 1464 | <369 | jcs | SW 8270C | | |
| 2-Methylphenol | <369 | ug/kg dw | 08/19/2001 | 948 | 1464 | <369 | jcs | SW 8270C | | |
| meta & para-Methylphenol | <369 | ug/kg dw | 08/19/2001 | 948 | 1464 | <369 | jcs | SW 8270C | | |
| 2-Nitrophenol | <369 | ug/kg dw | 08/19/2001 | 948 | 1464 | <369 | jcs | SW 8270C | | |
| Pentachlorophenol | <369 | ug/kg dw | 08/19/2001 | 948 | 1464 | <369 | jcs | SW 8270C | | |
| Phenol | <369 | ug/kg dw | 08/19/2001 | 948 | 1464 | <369 | jcs | SW 8270C | | |
| 2,4,5-Trichlorophenol | <369 | ug/kg dw | 08/19/2001 | 948 | 1464 | <369 | jcs | SW 8270C | | |
| 2,4,6-Trichlorophenol | <369 | ug/kg dw | 08/19/2001 | 948 | 1464 | <369 | jcs | SW 8270C | | |
| Surrogate: d6-Phenol | 64 | % | 08/19/2001 | 948 | 1464 | | jcs | SW 8270C | | |
| Surrogate: 2-Fluorophenol | 59 | % | 08/19/2001 | 948 | 1464 | | jcs | SW 8270C | | |
| Surrogate: Tribromophenol | 73 | % | 08/19/2001 | 948 | 1464 | | jcs | SW 8270C | | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/23/2001

Job Number: 01.14439

Client Project ID: South Bend Indiana SBI002

| Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference |
|---------------------------------------|----------|----------|---------------|-------------------|------------------|-----------------|------------------|----------------------------|
| SAMPLE NO. | | | | | | | | |
| 699274 | | | | | | | | |
| SAMPLE DESCRIPTION | | | | | | | | |
| SBI002:HMW19S:S000020:428 | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| DATE/TIME TAKEN | | | | | | | | |
| 08/08/2001 10:40 | | | | | | | | |
| TPH - FTIR Non-aq | <56 | mg/kg dw | 08/16/2001 | 589 | 621 | <56 | 110 | 418.1 |
| SAMPLE NO. | | | | | | | | |
| 699275 | | | | | | | | |
| SAMPLE DESCRIPTION | | | | | | | | |
| SBI002:HMW23S:S100115:428 | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| DATE/TIME TAKEN | | | | | | | | |
| 08/08/2001 08:30 | | | | | | | | |
| Dry Weight | 93.3 | % | 08/16/2001 | | 1478 | | mbg | SM 2540 G. |
| Prep, BNA Non-Aq | Complete | | 08/14/2001 | 948 | | Complete | mem | EPA 625; SW 3540C; SW 3545 |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | |
| 8260 - SW846 (Non-aq) | Complete | | 08/14/2001 | | 1462 | Complete | bmh | |
| Acetone | <107 | ug/kg dw | 08/14/2001 | | 1462 | <107 | bmh | SW 8260A |
| Benzene | <5.4 | ug/kg dw | 08/14/2001 | | 1462 | <5.4 | bmh | SW 8260A |
| tert-Butylbenzene | <5.4 | ug/kg dw | 08/14/2001 | | 1462 | <5.4 | bmh | SW 8260A |
| sec-Butylbenzene | <5.4 | ug/kg dw | 08/14/2001 | | 1462 | <5.4 | bmh | SW 8260A |
| n-Butylbenzene | <5.4 | ug/kg dw | 08/14/2001 | | 1462 | <5.4 | bmh | SW 8260A |
| Bromochloromethane | <5.4 | ug/kg dw | 08/14/2001 | | 1462 | <5.4 | bmh | SW 8260A |
| Bromodichloromethane | <5.4 | ug/kg dw | 08/14/2001 | | 1462 | <5.4 | bmh | SW 8260A |
| Bromoform | <5.4 | ug/kg dw | 08/14/2001 | | 1462 | <5.4 | bmh | SW 8260A |
| Bromobenzene | <5.4 | ug/kg dw | 08/14/2001 | | 1462 | <5.4 | bmh | SW 8260A |
| 2-Butanone (MEK) | <54 | ug/kg dw | 08/14/2001 | | 1462 | <54 | bmh | SW 8260A |
| Carbon disulfide | <5.4 | ug/kg dw | 08/14/2001 | | 1462 | <5.4 | bmh | SW 8260A |
| Carbon tetrachloride | <5.4 | ug/kg dw | 08/14/2001 | | 1462 | <5.4 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/23/2001

Job Number: 01.14439

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|---------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 699275 | SBI002:HMW23S:S100115:428 | | | | | | | | | DATE/TIME TAKEN 08/08/2001 08:30 |
| Hexachlorobutadiene | | <5.4 | | ug/kg dw | 08/14/2001 | | 1462 | <5.4 | bmh | SW 8260A |
| n-Hexane | | <21.4 | | ug/kg dw | 08/14/2001 | | 1462 | <21.4 | bmh | SW 8260A |
| 2-Hexanone | | <53.6 | | ug/kg dw | 08/14/2001 | | 1462 | <53.6 | bmh | SW 8260A |
| Isopropylbenzene (Cumene) | | <5.4 | | ug/kg dw | 08/14/2001 | | 1462 | <5.4 | bmh | SW 8260A |
| p-Isopropyltoluene | | <5.4 | | ug/kg dw | 08/14/2001 | | 1462 | <5.4 | bmh | SW 8260A |
| Bromomethane | | <10.7 | | ug/kg dw | 08/14/2001 | | 1462 | <10.7 | bmh | SW 8260A |
| Methylene Chloride | | <10.7 | | ug/kg dw | 08/14/2001 | | 1462 | <10.7 | bmh | SW 8260A |
| Methyl t-butyl ether (MTBE) | | <5.4 | | ug/kg dw | 08/14/2001 | | 1462 | <5.4 | bmh | SW 8260A |
| 4-Methyl-2-pentanone (MIBK) | | <53.6 | | ug/kg dw | 08/14/2001 | | 1462 | <53.6 | bmh | SW 8260A |
| n-Propylbenzene | | <5.4 | | ug/kg dw | 08/14/2001 | | 1462 | <5.4 | bmh | SW 8260A |
| Styrene | | <5.4 | | ug/kg dw | 08/14/2001 | | 1462 | <5.4 | bmh | SW 8260A |
| Naphthalene | | <5.4 | | ug/kg dw | 08/14/2001 | | 1462 | <5.4 | bmh | SW 8260A |
| 1,1,1,2-Tetrachloroethane | | <5.4 | | ug/kg dw | 08/14/2001 | | 1462 | <5.4 | bmh | SW 8260A |
| 1,1,2,2-Tetrachloroethane | | <5.4 | | ug/kg dw | 08/14/2001 | | 1462 | <5.4 | bmh | SW 8260A |
| Tetrachloroethene | | <5.4 | | ug/kg dw | 08/14/2001 | | 1462 | <5.4 | bmh | SW 8260A |
| Toluene | | <5.4 | | ug/kg dw | 08/14/2001 | | 1462 | <5.4 | bmh | SW 8260A |
| 1,2,4-Trichlorobenzene | | <5.4 | | ug/kg dw | 08/14/2001 | | 1462 | <5.4 | bmh | SW 8260A |
| 1,1,1-Trichloroethane | | <5.4 | | ug/kg dw | 08/14/2001 | | 1462 | <5.4 | bmh | SW 8260A |
| 1,1,2-Trichloroethane | | <5.4 | | ug/kg dw | 08/14/2001 | | 1462 | <5.4 | bmh | SW 8260A |
| Trichloroethene | | <5.4 | | ug/kg dw | 08/14/2001 | | 1462 | <5.4 | bmh | SW 8260A |
| Trichlorofluoromethane | | <5.4 | | ug/kg dw | 08/14/2001 | | 1462 | <5.4 | bmh | SW 8260A |
| 1,2,3-Trichloropropane | | <5.4 | | ug/kg dw | 08/14/2001 | | 1462 | <5.4 | bmh | SW 8260A |
| 1,2,4-Trimethylbenzene | | <5.4 | | ug/kg dw | 08/14/2001 | | 1462 | <5.4 | bmh | SW 8260A |
| 1,3,5-Trimethylbenzene | | <5.4 | | ug/kg dw | 08/14/2001 | | 1462 | <5.4 | bmh | SW 8260A |
| Vinyl Acetate | | <5.4 | | ug/kg dw | 08/14/2001 | | 1462 | <5.4 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/23/2001

Job Number: 01.14439

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|-------------------------------|------------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 699275 | SBI002:HMW23S:S100115:428 | | | | | | | | | DATE/TIME TAKEN 08/08/2001 08:30 |
| | v. nyl Chloride | <2.1 | | ug/kg dw | 08/14/2001 | | 1462 | <2.1 | bmh | SW 8260A |
| | Xylenes, Total | <5.4 | | ug/kg dw | 08/14/2001 | | 1462 | <5.4 | bmh | SW 8260A |
| | d4-1,2-Dichloroethane (surr) | 103 | | % | 08/14/2001 | | 1462 | | bmh | SW 8260A |
| | Dibromofluoromethane (surr) | 99 | | % | 08/14/2001 | | 1462 | | bmh | SW 8260A |
| | d8-Toluene (surr) | 94 | | % | 08/14/2001 | | 1462 | | bmh | SW 8260A |
| | Bromofluorobenzene (surr) | 95 | | % | 08/14/2001 | | 1462 | | bmh | SW 8260A |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| | Acenaphthene | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| | Acenaphthylene | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| | Anthracene | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| | Benzo(a)anthracene | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| | Benzo(b)fluoranthene | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| | Benzo(k)fluoranthene | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| | Benzo(a)pyrene | <177 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <177 | jcs | SW 8270C |
| | Benzyl alcohol | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| | Benzyl butyl phthalate | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| | Bis(2-chloroethyl)ether | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| | Bis(2-chloroethoxy)methane | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| | Bis(2-ethylhexyl)phthalate | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| | 2,2'-oxybis(1-Chloropropane) | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| | 4-Bromophenyl phenyl ether | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| | 4-Chloroaniline | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| | 2-Chloronaphthalene | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| | Chrysene | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/23/2001

Job Number: 01.14439

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|---------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 699275 | SBI002:HMW23S:S100115:428 | | | | | | | | | DATE/TIME TAKEN 08/08/2001 08:30 |
| | Dibenzo(a,h)anthracene | <177 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <177 | jcs | SW 8270C |
| | Dibenzofuran | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| | 1,2-Dichlorobenzene | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| | 1,3-Dichlorobenzene | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| | 1,4-Dichlorobenzene | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| | 3,3'-Dichlorobenzidine | <707 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <707 | jcs | SW 8270C |
| | Diethyl phthalate | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| | Dimethyl phthalate | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| | 2,4-Dinitrotoluene | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| | 2,6-Dinitrotoluene | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| | Di-n-octylphthalate | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| | Fluoranthene | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| | Fluorene | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| | Hexachlorobenzene | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| | Hexachloro-1,3-butadiene | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| | Hexachlorocyclopentadiene | <707 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <707 | jcs | SW 8270C |
| | Hexachloroethane | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| | Indeno(1,2,3-cd)pyrene | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| | Isophorone | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| | Naphthalene | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| | Nitrobenzene | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| | N-Nitrosodi-n-propylamine | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| | Phenanthrene | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| | Pyrene | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| | 1,2,4-Trichlorobenzene | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/23/2001

Job Number: 01.14439

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------------------------|---------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 699275 | SBI002:HMW23S:S100115:428 | | | | | | | | | DATE/TIME TAKEN 08/08/2001 08:30 |
| Surrogate: d5-Nitrobenzene | | 70 | | % | 08/19/2001 | 948 | 1464 | | jcs | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 71 | | % | 08/19/2001 | 948 | 1464 | | jcs | SW 8270C |
| Surrogate: d14-Terphenyl | | 66 | | % | 08/19/2001 | 948 | 1464 | | jcs | SW 8270C |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | |
| Benzoic Acid | | <1,770 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <1,770 | jcs | SW 8270C |
| 4-Chloro-3-methylphenol | | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| 2-Chlorophenol | | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| 2,4-Dichlorophenol | | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| 2,4-Dimethylphenol | | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| 2-Methylphenol | | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| meta & para-Methylphenol | | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| 2-Nitrophenol | | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| Pentachlorophenol | | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| Phenol | | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| 2,4,5-Trichlorophenol | | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| 2,4,6-Trichlorophenol | | <354 | | ug/kg dw | 08/19/2001 | 948 | 1464 | <354 | jcs | SW 8270C |
| Surrogate: d6-Phenol | | 62 | | % | 08/19/2001 | 948 | 1464 | | jcs | SW 8270C |
| Surrogate: 2-Fluorophenol | | 64 | | % | 08/19/2001 | 948 | 1464 | | jcs | SW 8270C |
| Surrogate: Tribromophenol | | 74 | | % | 08/19/2001 | 948 | 1464 | | jcs | SW 8270C |
| TPH - GRO (Non-Aqueous) | | <5 | | mg/kg dw | 08/13/2001 | | 246 | <5 | meb | SW 8015M |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/23/2001

Job Number: 01.14439

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|--------------------------------|---------------------------|------------------|----------|----------|---------------|--------------|--------------|-----------------|------------------|----------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 699276 | SBI002:HMW23S:S060070:428 | | | | | | | | | |
| | | Dry Weight | | 82.4 | % | 08/16/2001 | 1478 | | | mhg SM 2540 G. |
| | | Prep, BNA Non-Aq | Complete | | | 08/14/2001 | 948 | Complete | mem | EPA 625; SW 3540C; SW 3545 |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | | Complete | | | | 08/14/2001 | 1462 | Complete | | bmh |
| Acetone | <121 | | | ug/kg dw | | 08/14/2001 | 1462 | <121 | | bmh SW 8260A |
| Benzene | <6.1 | | | ug/kg dw | | 08/14/2001 | 1462 | <6.1 | | bmh SW 8260A |
| tert-Butylbenzene | <6.1 | | | ug/kg dw | | 08/14/2001 | 1462 | <6.1 | | bmh SW 8260A |
| sec-Butylbenzene | <6.1 | | | ug/kg dw | | 08/14/2001 | 1462 | <6.1 | | bmh SW 8260A |
| n-Butylbenzene | <6.1 | | | ug/kg dw | | 08/14/2001 | 1462 | <6.1 | | bmh SW 8260A |
| Bromochloromethane | <6.1 | | | ug/kg dw | | 08/14/2001 | 1462 | <6.1 | | bmh SW 8260A |
| Bromodichloromethane | <6.1 | | | ug/kg dw | | 08/14/2001 | 1462 | <6.1 | | bmh SW 8260A |
| Bromoform | <6.1 | | | ug/kg dw | | 08/14/2001 | 1462 | <6.1 | | bmh SW 8260A |
| Bromobenzene | <6.1 | | | ug/kg dw | | 08/14/2001 | 1462 | <6.1 | | bmh SW 8260A |
| 2-Butanone (MEK) | <61 | | | ug/kg dw | | 08/14/2001 | 1462 | <61 | | bmh SW 8260A |
| Carbon disulfide | <6.1 | | | ug/kg dw | | 08/14/2001 | 1462 | <6.1 | | bmh SW 8260A |
| Carbon tetrachloride | <6.1 | | | ug/kg dw | | 08/14/2001 | 1462 | <6.1 | | bmh SW 8260A |
| Chlorobenzene | <6.1 | | | ug/kg dw | | 08/14/2001 | 1462 | <6.1 | | bmh SW 8260A |
| Chloroethane | <12.1 | | | ug/kg dw | | 08/14/2001 | 1462 | <12.1 | | bmh SW 8260A |
| 2-Chlorotoluene | <6.1 | | | ug/kg dw | | 08/14/2001 | 1462 | <6.1 | | bmh SW 8260A |
| 4-Chlorotoluene | <6.1 | | | ug/kg dw | | 08/14/2001 | 1462 | <6.1 | | bmh SW 8260A |
| Chloroform | <6.1 | | | ug/kg dw | | 08/14/2001 | 1462 | <6.1 | | bmh SW 8260A |
| Chloromethane | <12.1 | | | ug/kg dw | | 08/14/2001 | 1462 | <12.1 | | bmh SW 8260A |
| Dibromochloromethane | <6.1 | | | ug/kg dw | | 08/14/2001 | 1462 | <6.1 | | bmh SW 8260A |
| Dibromomethane | <6.1 | | | ug/kg dw | | 08/14/2001 | 1462 | <6.1 | | bmh SW 8260A |

ANALYTICAL REPORT

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 6130 Wilcox Rd.
 Dublin, OH 43016

08/23/2001

Job Number: 01.14439

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 699276 | SBI002:HMW23S:S060070:428 | | | | | | | | | DATE/TIME TAKEN 08/08/2001 08:30 |
| | Dichlorodifluoromethane | <6.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <6.1 | bmh | SW 8260A |
| | 1,2-Dibromo-3-chloropropane | <6.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <6.1 | bmh | SW 8260A |
| | 1,2-Dichlorobenzene | <6.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <6.1 | bmh | SW 8260A |
| | 1,3-Dichlorobenzene | <6.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <6.1 | bmh | SW 8260A |
| | 1,4-Dichlorobenzene | <6.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <6.1 | bmh | SW 8260A |
| | 1,1-Dichloroethane | <6.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <6.1 | bmh | SW 8260A |
| | 1,2-Dichloroethane | <6.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <6.1 | bmh | SW 8260A |
| | 1,1-Dichloroethene | <6.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <6.1 | bmh | SW 8260A |
| | cis-1,2-Dichloroethene | <6.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <6.1 | bmh | SW 8260A |
| | trans-1,2-Dichloroethene | <6.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <6.1 | bmh | SW 8260A |
| | 1,2-Dichloropropane | <6.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <6.1 | bmh | SW 8260A |
| | 1,3-Dichloropropane | <6.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <6.1 | bmh | SW 8260A |
| | 2,2-Dichloropropane | <6.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <6.1 | bmh | SW 8260A |
| | 1,1-Dichloropropene | <6.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <6.1 | bmh | SW 8260A |
| | cis-1,3-Dichloropropene | <6.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <6.1 | bmh | SW 8260A |
| | trans-1,3-Dichloropropene | <6.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <6.1 | bmh | SW 8260A |
| | Ethylbenzene | <6.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <6.1 | bmh | SW 8260A |
| | Hexachlorobutadiene | <6.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <6.1 | bmh | SW 8260A |
| | n-Hexane | <24.3 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <24.3 | bmh | SW 8260A |
| | 2-Hexanone | <60.7 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <60.7 | bmh | SW 8260A |
| | Isopropylbenzene (Cumene) | <6.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <6.1 | bmh | SW 8260A |
| | p-Isopropyltoluene | <6.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <6.1 | bmh | SW 8260A |
| | Bromomethane | <12.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <12.1 | bmh | SW 8260A |
| | Methylene Chloride | <12.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <12.1 | bmh | SW 8260A |
| | Methyl t-butyl ether (MTBE) | <6.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <6.1 | bmh | SW 8260A |

ANALYTICAL REPORT

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 6130 Wilcox Rd.
 Dublin, OH 43016

08/23/2001

Job Number: 01.14439

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------------------------|---------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 699276 | SBI002:HMW23S:S060070:428 | | | | | | | | | DATE/TIME TAKEN 08/08/2001 08:30 |
| 4-Methyl-2-pentanone (MIBK) | | <60.7 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <60.7 | bmh | SW 8260A |
| n-Propylbenzene | | <6.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <6.1 | bmh | SW 8260A |
| Styrene | | <6.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <6.1 | bmh | SW 8260A |
| Naphthalene | | <6.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <6.1 | bmh | SW 8260A |
| 1,1,1,2-Tetrachloroethane | | <6.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <6.1 | bmh | SW 8260A |
| 1,1,2,2-Tetrachloroethane | | <6.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <6.1 | bmh | SW 8260A |
| Tetrachloroethene | | <6.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <6.1 | bmh | SW 8260A |
| Toluene | | <6.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <6.1 | bmh | SW 8260A |
| 1,2,4-Trichlorobenzene | | <6.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <6.1 | bmh | SW 8260A |
| 1,1,1-Trichloroethane | | <6.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <6.1 | bmh | SW 8260A |
| 1,1,2-Trichloroethane | | <6.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <6.1 | bmh | SW 8260A |
| Trichloroethene | | <6.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <6.1 | bmh | SW 8260A |
| Trichlorofluoromethane | | <6.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <6.1 | bmh | SW 8260A |
| 1,2,3-Trichloropropane | | <6.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <6.1 | bmh | SW 8260A |
| 1,2,4-Trimethylbenzene | | <6.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <6.1 | bmh | SW 8260A |
| 1,3,5-Trimethylbenzene | | <6.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <6.1 | bmh | SW 8260A |
| Vinyl Acetate | | <6.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <6.1 | bmh | SW 8260A |
| Vinyl Chloride | | <2.4 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <2.4 | bmh | SW 8260A |
| Xylenes, Total | | <6.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <6.1 | bmh | SW 8260A |
| d4-1,2-Dichloroethane (surr) | | 106 | | % | 08/14/2001 | 1462 | 1462 | | bmh | SW 8260A |
| Dibromofluoromethane (surr) | | 97 | | % | 08/14/2001 | 1462 | 1462 | | bmh | SW 8260A |
| d8-Toluene (surr) | | 92 | | % | 08/14/2001 | 1462 | 1462 | | bmh | SW 8260A |
| Bromofluorobenzene (surr) | | 95 | | % | 08/14/2001 | 1462 | 1462 | | bmh | SW 8260A |

BASE NEUT. COMPS.-8270 Non-aq

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/23/2001

Job Number: 01.14439

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------------------------|---------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 699276 | SBI002:HMW23S:S060070:428 | | | | | | | | | DATE/TIME TAKEN 08/08/2001 08:30 |
| Acenaphthene | | <400 | | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW 8270C |
| Acenaphthylene | | <400 | | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW 8270C |
| Anthracene | | <400 | | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW 8270C |
| Benzo(a)anthracene | | <400 | | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW 8270C |
| Benzo(b)fluoranthene | | <400 | | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW 8270C |
| Benzo(k)fluoranthene | | <400 | | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW 8270C |
| Benzo(a)pyrene | | <200 | | ug/kg dw | 08/17/2001 | 948 | 1458 | <200 | jcs | SW 8270C |
| Benzyl alcohol | | <400 | | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW 8270C |
| Benzyl butyl phthalate | | <400 | | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW 8270C |
| Bis(2-chloroethyl) ether | | <400 | | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW 8270C |
| Bis(2-chloroethoxy)methane | | <400 | | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW 8270C |
| Bis(2-ethylhexyl)phthalate | | <400 | | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <400 | | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW 8270C |
| 4-Bromophenyl phenyl ether | | <400 | | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW 8270C |
| 4-Chloroaniline | | <400 | | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW 8270C |
| 2-Chloronaphthalene | | <400 | | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW 8270C |
| Chrysene | | <400 | | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW 8270C |
| Dibenzo(a,h)anthracene | | <200 | | ug/kg dw | 08/17/2001 | 948 | 1458 | <200 | jcs | SW 8270C |
| Dibenzofuran | | <400 | | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW 8270C |
| 1,2-Dichlorobenzene | | <400 | | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW 8270C |
| 1,3-Dichlorobenzene | | <400 | | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW 8270C |
| 1,4-Dichlorobenzene | | <400 | | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW 8270C |
| 3,3'-Dichlorobenzidine | | <801 | | ug/kg dw | 08/17/2001 | 948 | 1458 | <801 | jcs | SW 8270C |
| Diethyl phthalate | | <400 | | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW 8270C |
| Dimethyl phthalate | | <400 | | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/23/2001

Job Number: 01.14439

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------------------------|---------------------------|----------|------------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 699276 | SBI002:HMW23S:S060070:428 | | | | | | | | | DATE/TIME TAKEN 08/08/2001 08:30 |
| 2,4-Dinitrotoluene | <400 | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW 8270C | | |
| 2,6-Dinitrotoluene | <400 | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW 8270C | | |
| Di-n-octylphthalate | <400 | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW 8270C | | |
| Fluoranthene | <400 | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW 8270C | | |
| Fluorene | <400 | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW 8270C | | |
| Hexachlorobenzene | <400 | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW 8270C | | |
| Hexachloro-1,3-butadiene | <400 | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW 8270C | | |
| Hexachlorocyclopentadiene | <801 | ug/kg dw | 08/17/2001 | 948 | 1458 | <801 | jcs | SW 8270C | | |
| Hexachloroethane | <400 | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW 8270C | | |
| Indeno(1,2,3-cd)pyrene | <400 | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW 8270C | | |
| Isophorone | <400 | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW 8270C | | |
| Naphthalene | <400 | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW 8270C | | |
| Nitrobenzene | <400 | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW 8270C | | |
| N-Nitrosodi-n-propylamine | <400 | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW 8270C | | |
| Phenanthrene | <400 | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW 8270C | | |
| Pyrene | <400 | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW 8270C | | |
| 1,2,4-Trichlorobenzene | <400 | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW 8270C | | |
| Surrogate: d5-Nitrobenzene | 73 | % | 08/17/2001 | 948 | 1458 | | jcs | SW 8270C | | |
| Surrogate: 2-Fluorobiphenyl | 65 | % | 08/17/2001 | 948 | 1458 | | jcs | SW 8270C | | |
| Surrogate: d14-Terphenyl | 77 | % | 08/17/2001 | 948 | 1458 | | jcs | SW 8270C | | |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | |
| Benzoic Acid | <2,000 | ug/kg dw | 08/17/2001 | 948 | 1458 | <2,000 | jcs | SW 8270C | | |
| 4-Chloro-3-methylphenol | <400 | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW 8270C | | |
| 2-Chlorophenol | <400 | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW 8270C | | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/23/2001

Job Number: 01.14439

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method | Reference |
|------------|----------------------------|--------|------|----------|------------|-------|-------|-----------|----------|--------|-----------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | | |
| 699276 | SBI002:HMW23S:S060070:428 | | | | | | | | | | |
| | | | | | 08/17/2001 | 948 | 1458 | <400 | jcs | SW | 8270C |
| | 2,4-Dichlorophenol | <400 | | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW | 8270C |
| | 2,4-Dimethylphenol | <400 | | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW | 8270C |
| | 2-Methyl-4,6-dinitrophenol | <400 | | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW | 8270C |
| | 2-Methylphenol | <400 | | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW | 8270C |
| | meta & para-Methylphenol | <400 | | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW | 8270C |
| | 2-Nitrophenol | <400 | | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW | 8270C |
| | Pentachlorophenol | <400 | | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW | 8270C |
| | Phenol | <400 | | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW | 8270C |
| | 2,4,5-Trichlorophenol | <400 | | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW | 8270C |
| | 2,4,6-Trichlorophenol | <400 | | ug/kg dw | 08/17/2001 | 948 | 1458 | <400 | jcs | SW | 8270C |
| | Surrogate: d6-Phenol | 75 | | % | 08/17/2001 | 948 | 1458 | | jcs | SW | 8270C |
| | Surrogate: 2-Fluorophenol | 75 | | % | 08/17/2001 | 948 | 1458 | | jcs | SW | 8270C |
| | Surrogate: Tribromophenol | 82 | | % | 08/17/2001 | 948 | 1458 | | jcs | SW | 8270C |
| | TPH - GRO (Non-Aqueous) | <6 | | mg/kg dw | 08/13/2001 | | 246 | <6 | meb | SW | 8015M |

| SAMPLE NO. | SAMPLE DESCRIPTION | | | DATE/TIME TAKEN |
|------------|---------------------------|----------|----------|---------------------------------------|
| 699281 | SBI002:HMW33D:S000020:428 | | | 08/09/2001 15:30 |
| | | | | |
| | Dry Weight | 90.6 | % | 08/16/2001 1478 mhg SM 2540 G. |
| | ICP NONAQUEOUS | Complete | | 08/16/2001 1229 Complete emd SW 6010B |
| | Arsenic, ICP | <7.3 | mg/kg dw | 08/16/2001 901 2956 <7.3 emd SW 6010B |
| | Barium, ICP | 177 | mg/kg dw | 08/16/2001 901 2887 <1.4 emd SW 6010B |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/23/2001

Job Number: 01.14439

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|---------------------------|----------|------|----------|------------|--------------|--------------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch Number | Batch Number | Limit | Initials | |
| 699281 | SBI002:HMW33D:S000020:428 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 15:30 |
| Cadmium, ICP | | <2.2 | | mg/kg dw | 08/16/2001 | 901 | 2869 | <2.2 | emd | SW 6010B |
| Chromium, ICP | | 9.2 | | mg/kg dw | 08/16/2001 | 901 | 2857 | <2.9 | emd | SW 6010B |
| Lead, ICP | | 2,720 | | mg/kg dw | 08/16/2001 | 901 | 2858 | <5.8 | emd | SW 6010B |
| Mercury, CVAA | | 30.9 | | mg/kg dw | 08/17/2001 | 610 | 625 | <1.72 | epk | SW 7471A |
| Selenium, ICP | | <7.3 | | mg/kg dw | 08/16/2001 | 901 | 2936 | <7.3 | emd | SW 6010B |
| Silver, ICP | | <2.9 | | mg/kg dw | 08/16/2001 | 901 | 2889 | <2.9 | emd | SW 6010B |
| ICP Digestion, Nonaqueous | | Complete | | | 08/15/2001 | 901 | | Complete | mrt | SW 3050B |
| Mercury Digestion, Non-Aq | | Complete | | | 08/16/2001 | 610 | | Complete | epk | SW 7471A |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | | Complete | | | 08/14/2001 | | 1462 | Complete | bmh | |
| Acetone | | <110 | | ug/kg dw | 08/14/2001 | | 1462 | <110 | bmh | SW 8260A |
| Benzene | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| tert-Butylbenzene | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| sec-Butylbenzene | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| n-Butylbenzene | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| Bromochloromethane | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| Bromodichloromethane | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| Bromoform | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| Bromobenzene | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| 2-Butanone (MEK) | | <55 | | ug/kg dw | 08/14/2001 | | 1462 | <55 | bmh | SW 8260A |
| Carbon disulfide | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| Carbon tetrachloride | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| Chlorobenzene | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| Chloroethane | | <11.0 | | ug/kg dw | 08/14/2001 | | 1462 | <11.0 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/23/2001

Job Number: 01.14439

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting | Analyst | Method | Reference |
|-----------------------------|---------------------------|--------|------|----------|---------------|-------|-------|-----------|---------|--------|-------------------------------------|
| | | | | | | Batch | Batch | | | | |
| 699281 | SBI002:HMW33D:S000020:428 | | | | | | | | | | DATE/TIME TAKEN 08/09/2001 15:30 |
| 2-Chlorotoluene | | <5.5 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.5 | bmh | SW | 8260A |
| 4-Chlorotoluene | | <5.5 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.5 | bmh | SW | 8260A |
| Chloroform | | <5.5 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.5 | bmh | SW | 8260A |
| Chloromethane | | <11.0 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <11.0 | bmh | SW | 8260A |
| Dibromochloromethane | | <5.5 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.5 | bmh | SW | 8260A |
| Dibromomethane | | <5.5 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.5 | bmh | SW | 8260A |
| Dichlorodifluoromethane | | <5.5 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.5 | bmh | SW | 8260A |
| 1,2-Dibromo-3-chloropropane | | <5.5 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.5 | bmh | SW | 8260A |
| 1,2-Dichlorobenzene | | <5.5 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.5 | bmh | SW | 8260A |
| 1,3-Dichlorobenzene | | <5.5 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.5 | bmh | SW | 8260A |
| 1,4-Dichlorobenzene | | <5.5 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.5 | bmh | SW | 8260A |
| 1,1-Dichloroethane | | <5.5 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.5 | bmh | SW | 8260A |
| 1,2-Dichloroethane | | <5.5 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.5 | bmh | SW | 8260A |
| 1,1-Dichloroethene | | <5.5 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.5 | bmh | SW | 8260A |
| cis-1,2-Dichloroethene | | <5.5 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.5 | bmh | SW | 8260A |
| trans-1,2-Dichloroethene | | <5.5 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.5 | bmh | SW | 8260A |
| 1,2-Dichloropropane | | <5.5 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.5 | bmh | SW | 8260A |
| 1,3-Dichloropropane | | <5.5 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.5 | bmh | SW | 8260A |
| 2,2-Dichloropropane | | <5.5 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.5 | bmh | SW | 8260A |
| 1,1-Dichloropropene | | <5.5 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.5 | bmh | SW | 8260A |
| cis-1,3-Dichloropropene | | <5.5 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.5 | bmh | SW | 8260A |
| trans-1,3-Dichloropropene | | <5.5 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.5 | bmh | SW | 8260A |
| Ethylbenzene | | <5.5 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.5 | bmh | SW | 8260A |
| Hexachlorobutadiene | | <5.5 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.5 | bmh | SW | 8260A |
| n-Hexane | | <22.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <22.1 | bmh | SW | 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/23/2001

Job Number: 01.14439

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|---------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 699281 | SBI002:HMW33D:S000020:428 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 15:30 |
| 2-Hexanone | | <55.2 | | ug/kg dw | 08/14/2001 | | 1462 | <55.2 | bmh | SW 8260A |
| Isopropylbenzene (Cumene) | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| p-Isopropyltoluene | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| Bromomethane | | <11.0 | | ug/kg dw | 08/14/2001 | | 1462 | <11.0 | bmh | SW 8260A |
| Methylene Chloride | | <11.0 | | ug/kg dw | 08/14/2001 | | 1462 | <11.0 | bmh | SW 8260A |
| Methyl t-butyl ether (MTBE) | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| 4-Methyl-2-pentanone (MIBK) | | <55.2 | | ug/kg dw | 08/14/2001 | | 1462 | <55.2 | bmh | SW 8260A |
| n-Propylbenzene | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| Styrene | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| Naphthalene | | 63.8 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| 1,1,1,2-Tetrachloroethane | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| 1,1,2,2-Tetrachloroethane | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| Tetrachloroethene | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| Toluene | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| 1,2,4-Trichlorobenzene | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| 1,1,1-Trichloroethane | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| 1,1,2-Trichloroethane | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| Trichloroethene | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| Trichlorofluoromethane | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| 1,2,3-Trichloropropane | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| 1,2,4-Trimethylbenzene | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| 1,3,5-Trimethylbenzene | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| Vinyl Acetate | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| Vinyl Chloride | | <2.2 | | ug/kg dw | 08/14/2001 | | 1462 | <2.2 | bmh | SW 8260A |
| Xylenes, Total | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/23/2001

Job Number: 01.14439

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------------------------|---------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 699281 | SBI002:HMW33D:S000020:428 | | | | | | | | | | 08/09/2001 15:30 |
| u4-1,2-Dichloroethane (surr) | | 109 | | % | 08/14/2001 | | 1462 | | bmh | SW 8260A | |
| Dibromofluoromethane (surr) | | 102 | | % | 08/14/2001 | | 1462 | | bmh | SW 8260A | |
| d8-Toluene (surr) | | 94 | | % | 08/14/2001 | | 1462 | | bmh | SW 8260A | |
| Bromofluorobenzene (surr) | | 94 | | % | 08/14/2001 | | 1462 | | bmh | SW 8260A | |

QUALITY CONTROL FLAG DEFINITIONS

PAGE 24 of 24

Job Number: 01.14439

(*) Indicates an out-of-control QC. The analytical data was reported based on other supporting quality control information.

(Note) Indicates to review the notes and comments section of the analytical report as there is additional information concerning this analytical result.

(MS) Indicates that the Matrix Spike (MS) was out of statistical advisory limits.

(MSD) Indicates that the Matrix Spike Duplicate (MSD) was out of statistical advisory limits.

(RPD) Indicates that the Relative Percent Difference (RPD) for the MS/MSD pair was outside of statistical advisory limits.

(SS) Indicates that the MS and MSD were out of statistical advisory limits.

(SSR) Indicates that the MS, MSD and RPD were out of statistical advisory limits.

(MSR) Indicates that the MS and RPD were out of statistical advisory limits.

(MSDR) Indicates that the MSD and RPD were out of statistical advisory limits.

(DL) Indicates that the MS and MSD were diluted out and the percent recoveries of the spikes could not be calculated.

(LS) Indicates that statistical accuracy and precision data is not available for spike concentrations which are $< 1/4$ of the sample amount. Care should be used in interpreting this data.

(J) Indicates estimated concentration due to internal standard areas or surrogate recoveries outside of control limits. A sample matrix effect is usually indicated.

(DW) Indicates Dry Weight.

Analytical Reporting Limits

The reporting limits listed for non-aqueous samples in the analytical report section are Practical Quantitation Limits (PQLs). These PQLs are based upon a typical standard weight used for a non-aqueous sample. The reporting limit for a sample may be different from the PQL listed depending upon the actual weight of sample used, the samples moisture content and any dilutions used during the analysis.

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SR1002

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/23/2001

Job Number: 01.13924

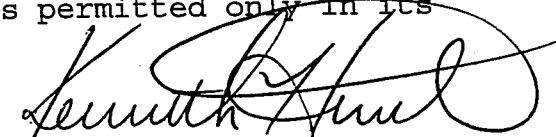
Enclosed is the analytical report for the following samples submitted to the Dayton Division of TestAmerica, Inc. for analysis:

| <u>Sample Number</u> | <u>Sample Description</u> | <u>Date Taken</u> | <u>Date Received</u> |
|----------------------|---------------------------|-------------------|----------------------|
| 697715 | SBI002:SB4:S010020:428 | 08/03/2001 | 08/06/2001 |
| 697716 | SBI002:SB1:S100115:428 | 08/03/2001 | 08/06/2001 |
| 697717 | SBI002:SB3:S000020:428 | 08/02/2001 | 08/06/2001 |
| 697718 | SBI002:HMW13S:S140150:428 | 08/02/2001 | 08/06/2001 |
| 697719 | SBI002:HMW13S:S060070:428 | 08/02/2001 | 08/06/2001 |
| 697720 | SBI002:HMW2S:S020020:428 | 08/02/2001 | 08/06/2001 |
| 697721 | SBI002:SB1:S160170:428 | 08/03/2001 | 08/06/2001 |
| 697722 | SBI002:HMW6S:S040060:505 | 08/02/2001 | 08/06/2001 |
| 697723 | SBI002:HMW6S:S180200:505 | 08/02/2001 | 08/06/2001 |

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Reproduction of this analytical report is permitted only in its entirety.

Enclosure


Approved By

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|------------------------|----------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 697715 | SBI002:SB4:S010020:428 | | | | | | | | | DATE/TIME TAKEN 08/03/2001 09:45 |
| Dry Weight | | 87.4 | | % | 08/14/2001 | | 1476 | | mhg | SM 2540 G. |
| ICP NONAQUEOUS | | Complete | | | 08/16/2001 | | 1229 | Complete | emd | SW 6010B |
| Arsenic, ICP | | <3.7 | | mg/kg dw | 08/16/2001 | 898 | 2956 | <3.7 | emd | SW 6010B |
| Barium, ICP | | 48.9 | | mg/kg dw | 08/16/2001 | 898 | 2887 | <0.73 | emd | SW 6010B |
| Cadmium, ICP | | <1.1 | | mg/kg dw | 08/16/2001 | 898 | 2869 | <1.1 | emd | SW 6010B |
| Chromium, ICP | | 11 | | mg/kg dw | 08/16/2001 | 898 | 2857 | <1.5 | emd | SW 6010B |
| Lead, ICP | | 18.3 | | mg/kg dw | 08/16/2001 | 898 | 2858 | <3.0 | emd | SW 6010B |
| Mercury, CVAA | | 0.014 | | mg/kg dw | 08/13/2001 | 604 | 616 | <0.009 | epk | SW 7471A |
| Selenium, ICP | | <3.7 | | mg/kg dw | 08/16/2001 | 898 | 2936 | <3.7 | emd | SW 6010B |
| Silver, ICP | | <1.5 | | mg/kg dw | 08/16/2001 | 898 | 2889 | <1.5 | emd | SW 6010B |
| ICP Digestion, Nonaqueous | | Complete | | | 08/08/2001 | 898 | | Complete | mrt | SW 3050B |
| Mercury Digestion, Non-Aq | | Complete | | | 08/11/2001 | 604 | | Complete | epk | SW 7471A |
| Prep, BNA Non-Aq | | Complete | | | 08/09/2001 | 945 | | Complete | mlr | EPA 625; SW 3540C; SW 3545 |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | | Complete | | | 08/07/2001 | | 1450 | Complete | jxc | |
| Acetone | | <114 | | ug/kg dw | 08/07/2001 | | 1450 | <114 | jxc | SW 8260A |
| Benzene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| tert-Butylbenzene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| sec-Butylbenzene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| n-Butylbenzene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Bromochloromethane | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Bromodichloromethane | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Bromoform | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Bromobenzene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 697715 | SBI002:SB4:S010020:428 | | | | | | | | | DATE/TIME TAKEN 08/03/2001 09:45 |
| | 2-Butanone (MEK) | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| | Carbon disulfide | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| | Carbon tetrachloride | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| | Chlorobenzene | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| | Chloroethane | <11.4 | | ug/kg dw | 08/07/2001 | | 1450 | <11.4 | jxc | SW 8260A |
| | 2-Chlorotoluene | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| | 4-Chlorotoluene | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| | Chloroform | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| | Chloromethane | <11.4 | | ug/kg dw | 08/07/2001 | | 1450 | <11.4 | jxc | SW 8260A |
| | Dibromochloromethane | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| | Dibromomethane | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| | Dichlorodifluoromethane | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| | 1,2-Dibromo-3-chloropropane | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| | 1,2-Dichlorobenzene | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| | 1,3-Dichlorobenzene | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| | 1,4-Dichlorobenzene | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| | 1,1-Dichloroethane | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| | 1,2-Dichloroethane | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| | 1,1-Dichloroethene | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| | cis-1,2-Dichloroethene | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| | trans-1,2-Dichloroethene | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| | 1,2-Dichloropropane | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| | 1,3-Dichloropropane | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| | 2,2-Dichloropropane | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| | 1,1-Dichloropropene | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 697715 | SBI002:SB4:S010020:428 | | | | | | | | | DATE/TIME TAKEN 08/03/2001 09:45 |
| | cis-1,3-Dichloropropene | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| | trans-1,3-Dichloropropene | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| | Ethylbenzene | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| | Hexachlorobutadiene | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| | n-Hexane | <22.9 | | ug/kg dw | 08/07/2001 | | 1450 | <22.9 | jxc | SW 8260A |
| | 2-Hexanone | <57.2 | | ug/kg dw | 08/07/2001 | | 1450 | <57.2 | jxc | SW 8260A |
| | Isopropylbenzene (Cumene) | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| | p-Isopropyltoluene | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| | Bromomethane | <11.4 | | ug/kg dw | 08/07/2001 | | 1450 | <11.4 | jxc | SW 8260A |
| | Methylene Chloride | <11.4 | | ug/kg dw | 08/07/2001 | | 1450 | <11.4 | jxc | SW 8260A |
| | Methyl t-butyl ether (MTBE) | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | bmh | SW 8260A |
| | 4-Methyl-2-pentanone (MIBK) | <57.2 | | ug/kg dw | 08/07/2001 | | 1450 | <57.2 | jxc | SW 8260A |
| | n-Propylbenzene | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| | Styrene | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| | Naphthalene | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| | 1,1,1,2-Tetrachloroethane | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| | 1,1,2,2-Tetrachloroethane | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| | Tetrachloroethene | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| | Toluene | 67.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| | 1,2,4-Trichlorobenzene | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| | 1,1,1-Trichloroethane | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| | 1,1,2-Trichloroethane | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| | Trichloroethene | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| | Trichlorofluoromethane | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| | 1,2,3-Trichloropropane | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-------------------------------|------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 697715 | SBI002:SB4:S010020:428 | | | | | | | | | DATE/TIME TAKEN 08/03/2001 09:45 |
| 1,2,4-Trimethylbenzene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| 1,3,5-Trimethylbenzene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Vinyl Acetate | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Vinyl Chloride | | <2.3 | | ug/kg dw | 08/07/2001 | | 1450 | <2.3 | jxc | SW 8260A |
| Xylenes, Total | | 6.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| d4-1,2-Dichloroethane (surr) | | 98 | | % | 08/07/2001 | | 1450 | | jxc | SW 8260A |
| Dibromofluoromethane (surr) | | 95 | | % | 08/07/2001 | | 1450 | | jxc | SW 8260A |
| d8-Toluene (surr) | | 96 | | % | 08/07/2001 | | 1450 | | jxc | SW 8260A |
| Bromofluorobenzene (surr) | | 91 | | % | 08/07/2001 | | 1450 | | jxc | SW 8260A |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| Acenaphthene | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrjw | SW 8270C |
| Acenaphthylene | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrjw | SW 8270C |
| Anthracene | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrjw | SW 8270C |
| Benzo(a)anthracene | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrjw | SW 8270C |
| Benzo(b)fluoranthene | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrjw | SW 8270C |
| Benzo(k)fluoranthene | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrjw | SW 8270C |
| Benzo(a)pyrene | | <189 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <189 | jrjw | SW 8270C |
| Benzyl alcohol | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrjw | SW 8270C |
| Benzyl butyl phthalate | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrjw | SW 8270C |
| Bis(2-chloroethyl)ether | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrjw | SW 8270C |
| Bis(2-chloroethoxy)methane | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrjw | SW 8270C |
| Bis(2-ethylhexyl)phthalate | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrjw | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrjw | SW 8270C |
| 4-Bromophenyl phenyl ether | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrjw | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|---------------------------|------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 697715 | SBI002:SB4:S010020:428 | | | | | | | | | DATE/TIME TAKEN 08/03/2001 09:45 |
| 4-Chloroaniline | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrw | SW 8270C |
| 2-Chloronaphthalene | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrw | SW 8270C |
| Chrysene | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrw | SW 8270C |
| Dibenzo(a,h)anthracene | | <189 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <189 | jrw | SW 8270C |
| Dibenzofuran | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrw | SW 8270C |
| 1,2-Dichlorobenzene | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrw | SW 8270C |
| 1,3-Dichlorobenzene | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrw | SW 8270C |
| 1,4-Dichlorobenzene | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrw | SW 8270C |
| 3,3'-Dichlorobenzidine | | <755 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <755 | jrw | SW 8270C |
| Diethyl phthalate | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrw | SW 8270C |
| Dimethyl phthalate | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrw | SW 8270C |
| 2,4-Dinitrotoluene | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrw | SW 8270C |
| 2,6-Dinitrotoluene | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrw | SW 8270C |
| Di-n-octylphthalate | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrw | SW 8270C |
| Fluoranthene | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrw | SW 8270C |
| Fluorene | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrw | SW 8270C |
| Hexachlorobenzene | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrw | SW 8270C |
| Hexachloro-1,3-butadiene | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrw | SW 8270C |
| Hexachlorocyclopentadiene | | <755 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <755 | jrw | SW 8270C |
| Hexachloroethane | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrw | SW 8270C |
| Indeno(1,2,3-cd)pyrene | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrw | SW 8270C |
| Isophorone | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrw | SW 8270C |
| Naphthalene | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrw | SW 8270C |
| Nitrobenzene | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrw | SW 8270C |
| N-Nitrosodi-n-propylamine | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrw | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------------------------|------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 697715 | SBI002:SB4:S010020:428 | | | | | | | | | DATE/TIME TAKEN 08/03/2001 09:45 |
| Phenanthrene | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrw | SW 8270C |
| Pyrene | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrw | SW 8270C |
| 1,2,4-Trichlorobenzene | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrw | SW 8270C |
| Surrogate: d5-Nitrobenzene | | 81 | | % | 08/14/2001 | 945 | 1457 | | jrw | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 84 | | % | 08/14/2001 | 945 | 1457 | | jrw | SW 8270C |
| Surrogate: d14-Terphenyl | | 92 | | % | 08/14/2001 | 945 | 1457 | | jrw | SW 8270C |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | |
| Benzoic Acid | | <1,890 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <1,890 | jrw | SW 8270C |
| 4-Chloro-3-methylphenol | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrw | SW 8270C |
| 2-Chlorophenol | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrw | SW 8270C |
| 2,4-Dichlorophenol | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrw | SW 8270C |
| 2,4-Dimethylphenol | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrw | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrw | SW 8270C |
| 2-Methylphenol | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrw | SW 8270C |
| meta & para-Methylphenol | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrw | SW 8270C |
| 2-Nitrophenol | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrw | SW 8270C |
| Pentachlorophenol | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrw | SW 8270C |
| Phenol | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrw | SW 8270C |
| 2,4,5-Trichlorophenol | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrw | SW 8270C |
| 2,4,6-Trichlorophenol | | <378 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <378 | jrw | SW 8270C |
| Surrogate: d6-Phenol | | 76 | | % | 08/14/2001 | 945 | 1457 | | jrw | SW 8270C |
| Surrogate: 2-Fluorophenol | | 76 | | % | 08/14/2001 | 945 | 1457 | | jrw | SW 8270C |
| Surrogate: Tribromophenol | | 80 | | % | 08/14/2001 | 945 | 1457 | | jrw | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|------------------------|----------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 697716 | SBI002:SB1:S100115:428 | | | | | | | | | DATE/TIME TAKEN 08/03/2001 09:15 |
| Dry Weight | | 85.1 | | % | 08/14/2001 | | 1476 | | mhg | SM 2540 G. |
| Prep, PCBs Non-Aq 8082 | | Complete | | | 08/09/2001 | 100 | | Complete | mlr | SW 3540C; SW 3545 |
| Prep, BNA Non-Aq | | Complete | | | 08/17/2001 | 949 | | Complete | mlr | EPA 625; SW 3540C; SW 3545 |
| Prep, TPH 418.1 Nonaq | | Complete | | | 08/14/2001 | 591 | | Complete | 260 | SW 9071 |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | | Complete | | | 08/07/2001 | | 1450 | Complete | jxc | |
| Acetone | | 338 | | ug/kg dw | 08/07/2001 | | 1450 | <118 | jxc | SW 8260A |
| Benzene | | <5.9 | | ug/kg dw | 08/07/2001 | | 1450 | <5.9 | jxc | SW 8260A |
| tert-Butylbenzene | | <5.9 | | ug/kg dw | 08/07/2001 | | 1450 | <5.9 | jxc | SW 8260A |
| sec-Butylbenzene | | <5.9 | | ug/kg dw | 08/07/2001 | | 1450 | <5.9 | jxc | SW 8260A |
| n-Butylbenzene | | <5.9 | | ug/kg dw | 08/07/2001 | | 1450 | <5.9 | jxc | SW 8260A |
| Bromochloromethane | | <5.9 | | ug/kg dw | 08/07/2001 | | 1450 | <5.9 | jxc | SW 8260A |
| Bromodichloromethane | | <5.9 | | ug/kg dw | 08/07/2001 | | 1450 | <5.9 | jxc | SW 8260A |
| Bromoform | | <5.9 | | ug/kg dw | 08/07/2001 | | 1450 | <5.9 | jxc | SW 8260A |
| Bromobenzene | | <5.9 | | ug/kg dw | 08/07/2001 | | 1450 | <5.9 | jxc | SW 8260A |
| 2-Butanone (MEK) | | 210 | | ug/kg dw | 08/07/2001 | | 1450 | <59 | jxc | SW 8260A |
| Carbon disulfide | | <5.9 | | ug/kg dw | 08/07/2001 | | 1450 | <5.9 | jxc | SW 8260A |
| Carbon tetrachloride | | <5.9 | | ug/kg dw | 08/07/2001 | | 1450 | <5.9 | jxc | SW 8260A |
| Chlorobenzene | | <5.9 | | ug/kg dw | 08/07/2001 | | 1450 | <5.9 | jxc | SW 8260A |
| Chloroethane | | <11.8 | | ug/kg dw | 08/07/2001 | | 1450 | <11.8 | jxc | SW 8260A |
| 2-Chlorotoluene | | <5.9 | | ug/kg dw | 08/07/2001 | | 1450 | <5.9 | jxc | SW 8260A |
| 4-Chlorotoluene | | <5.9 | | ug/kg dw | 08/07/2001 | | 1450 | <5.9 | jxc | SW 8260A |
| Chloroform | | <5.9 | | ug/kg dw | 08/07/2001 | | 1450 | <5.9 | jxc | SW 8260A |
| Chloromethane | | <11.8 | | ug/kg dw | 08/07/2001 | | 1450 | <11.8 | jxc | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 697716 | SBI002:SB1:S100115:428 | | | | | | | | | DATE/TIME TAKEN 08/03/2001 09:15 |
| Dibromochloromethane | | <5.9 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.9 | jxc | SW 8260A |
| Dibromomethane | | <5.9 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.9 | jxc | SW 8260A |
| Dichlorodifluoromethane | | <5.9 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.9 | jxc | SW 8260A |
| 1,2-Dibromo-3-chloropropane | | <5.9 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.9 | jxc | SW 8260A |
| 1,2-Dichlorobenzene | | <5.9 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.9 | jxc | SW 8260A |
| 1,3-Dichlorobenzene | | <5.9 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.9 | jxc | SW 8260A |
| 1,4-Dichlorobenzene | | <5.9 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.9 | jxc | SW 8260A |
| 1,1-Dichloroethane | | <5.9 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.9 | jxc | SW 8260A |
| 1,2-Dichloroethane | | <5.9 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.9 | jxc | SW 8260A |
| 1,1-Dichloroethene | | <5.9 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.9 | jxc | SW 8260A |
| cis-1,2-Dichloroethene | | <5.9 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.9 | jxc | SW 8260A |
| trans-1,2-Dichloroethene | | <5.9 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.9 | jxc | SW 8260A |
| 1,2-Dichloropropane | | <5.9 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.9 | jxc | SW 8260A |
| 1,3-Dichloropropane | | <5.9 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.9 | jxc | SW 8260A |
| 2,2-Dichloropropane | | <5.9 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.9 | jxc | SW 8260A |
| 1,1-Dichloropropene | | <5.9 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.9 | jxc | SW 8260A |
| cis-1,3-Dichloropropene | | <5.9 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.9 | jxc | SW 8260A |
| trans-1,3-Dichloropropene | | <5.9 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.9 | jxc | SW 8260A |
| Ethylbenzene | | <5.9 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.9 | jxc | SW 8260A |
| Hexachlorobutadiene | | <5.9 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.9 | jxc | SW 8260A |
| n-Hexane | | <23.5 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <23.5 | jxc | SW 8260A |
| 2-Hexanone | | <58.8 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <58.8 | jxc | SW 8260A |
| Isopropylbenzene (Cumene) | | <5.9 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.9 | jxc | SW 8260A |
| p-Isopropyltoluene | | <5.9 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.9 | jxc | SW 8260A |
| Bromomethane | | <11.8 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <11.8 | jxc | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------------------------|------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 697716 | SBI002:SB1:S100115:428 | | | | | | | | | DATE/TIME TAKEN 08/03/2001 09:15 |
| Methylene Chloride | | <11.8 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <11.8 | jxc | SW 8260A |
| Methyl t-butyl ether (MTBE) | | <5.9 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.9 | bmh | SW 8260A |
| 4-Methyl-2-pentanone (MIBK) | | <58.8 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <58.8 | jxc | SW 8260A |
| n-Propylbenzene | | <5.9 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.9 | jxc | SW 8260A |
| Styrene | | <5.9 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.9 | jxc | SW 8260A |
| Naphthalene | | <5.9 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.9 | jxc | SW 8260A |
| 1,1,1,2-Tetrachloroethane | | <5.9 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.9 | jxc | SW 8260A |
| 1,1,2,2-Tetrachloroethane | | <5.9 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.9 | jxc | SW 8260A |
| Tetrachloroethene | | <5.9 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.9 | jxc | SW 8260A |
| Toluene | | 21.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.9 | jxc | SW 8260A |
| 1,2,4-Trichlorobenzene | | <5.9 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.9 | jxc | SW 8260A |
| 1,1,1-Trichloroethane | | <5.9 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.9 | jxc | SW 8260A |
| 1,1,2-Trichloroethane | | <5.9 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.9 | jxc | SW 8260A |
| Trichloroethene | | <5.9 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.9 | jxc | SW 8260A |
| Trichlorofluoromethane | | <5.9 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.9 | jxc | SW 8260A |
| 1,2,3-Trichloropropane | | <5.9 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.9 | jxc | SW 8260A |
| 1,2,4-Trimethylbenzene | | 11 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.9 | jxc | SW 8260A |
| 1,3,5-Trimethylbenzene | | 7.9 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.9 | jxc | SW 8260A |
| Vinyl Acetate | | <5.9 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.9 | jxc | SW 8260A |
| Vinyl Chloride | | <2.4 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <2.4 | jxc | SW 8260A |
| Xylenes, Total | | 7.3 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.9 | jxc | SW 8260A |
| d4-1,2-Dichloroethane (surr) | | 93 | | % | 08/07/2001 | 1450 | 1450 | | jxc | SW 8260A |
| Dibromofluoromethane (surr) | | 91 | | % | 08/07/2001 | 1450 | 1450 | | jxc | SW 8260A |
| d8-Toluene (surr) | | 96 | | % | 08/07/2001 | 1450 | 1450 | | jxc | SW 8260A |
| Bromofluorobenzene (surr) | | 121 | | % | 08/07/2001 | 1450 | 1450 | | jxc | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method | Reference |
|-------------------------------|------------------------------|--------|------|----------|------------|-------|-------|-----------|----------|--------|-----------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | | |
| 697716 | SBI002:SB1:S100115:428 | | | | | | | | | | |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | | |
| | Acenaphthene | <388 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <388 | dmg | SW | 8270C |
| | Acenaphthylene | <388 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <388 | dmg | SW | 8270C |
| | Anthracene | <388 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <388 | dmg | SW | 8270C |
| | Benzo(a)anthracene | <388 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <388 | dmg | SW | 8270C |
| | Benzo(b)fluoranthene | <388 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <388 | dmg | SW | 8270C |
| | Benzo(k)fluoranthene | <388 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <388 | dmg | SW | 8270C |
| | Benzo(a)pyrene | <194 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <194 | dmg | SW | 8270C |
| | Benzyl alcohol | <388 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <388 | dmg | SW | 8270C |
| | Benzyl butyl phthalate | <388 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <388 | dmg | SW | 8270C |
| | Bis(2-chloroethyl)ether | <388 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <388 | dmg | SW | 8270C |
| | Bis(2-chloroethoxy)methane | <388 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <388 | dmg | SW | 8270C |
| | Bis(2-ethylhexyl)phthalate | <388 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <388 | dmg | SW | 8270C |
| | 2,2'-oxybis(1-Chloropropane) | <388 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <388 | dmg | SW | 8270C |
| | 4-Bromophenyl phenyl ether | <388 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <388 | dmg | SW | 8270C |
| | 4-Chloroaniline | <388 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <388 | dmg | SW | 8270C |
| | 2-Chloronaphthalene | <388 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <388 | dmg | SW | 8270C |
| | Chrysene | <388 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <388 | dmg | SW | 8270C |
| | Dibenzo(a,h)anthracene | <194 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <194 | dmg | SW | 8270C |
| | Dibenzofuran | <388 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <388 | dmg | SW | 8270C |
| | 1,2-Dichlorobenzene | <388 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <388 | dmg | SW | 8270C |
| | 1,3-Dichlorobenzene | <388 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <388 | dmg | SW | 8270C |
| | 1,4-Dichlorobenzene | <388 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <388 | dmg | SW | 8270C |
| | 3,3'-Dichlorobenzidine | <776 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <776 | dmg | SW | 8270C |
| | Diethyl phthalate | <388 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <388 | dmg | SW | 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|------------------------|----------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 697717 | SBI002:SB3:S000020:428 | | | | | | | | | DATE/TIME TAKEN 08/02/2001 13:00 |
| Dry Weight | | 88.4 | | % | 08/14/2001 | | 1476 | | mhg | SM 2540 G. |
| Prep, BNA Non-Aq | | Complete | | | 08/07/2001 | 944 | | Complete | mlr | EPA 625; SW 3540C; SW 3545 |
| Prep, TPH 418.1 Nonaq | | Complete | | | 08/14/2001 | 591 | | Complete | 260 | SW 9071 |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | | Complete | | | 08/07/2001 | | 1450 | Complete | jxc | |
| Acetone | | <113 | | ug/kg dw | 08/07/2001 | | 1450 | <113 | jxc | SW 8260A |
| Benzene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| tert-Butylbenzene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| sec-Butylbenzene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| n-Butylbenzene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Bromochloromethane | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Bromodichloromethane | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Bromoform | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Bromobenzene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| 2-Butanone (MEK) | | <57 | | ug/kg dw | 08/07/2001 | | 1450 | <57 | jxc | SW 8260A |
| Carbon disulfide | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Carbon tetrachloride | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Chlorobenzene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Chloroethane | | <11.3 | | ug/kg dw | 08/07/2001 | | 1450 | <11.3 | jxc | SW 8260A |
| 2-Chlorotoluene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| 4-Chlorotoluene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Chloroform | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Chloromethane | | <11.3 | | ug/kg dw | 08/07/2001 | | 1450 | <11.3 | jxc | SW 8260A |
| Dibromochloromethane | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 697717 | SBI002:SB3:S000020:428 | | | | | | | | | DATE/TIME TAKEN 08/02/2001 13:00 |
| Dibromomethane | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |
| Dichlorodifluoromethane | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |
| 1,2-Dibromo-3-chloropropane | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |
| 1,2-Dichlorobenzene | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |
| 1,3-Dichlorobenzene | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |
| 1,4-Dichlorobenzene | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |
| 1,1-Dichloroethane | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |
| 1,2-Dichloroethane | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |
| 1,1-Dichloroethene | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |
| cis-1,2-Dichloroethene | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |
| trans-1,2-Dichloroethene | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |
| 1,2-Dichloropropane | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |
| 1,3-Dichloropropane | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |
| 2,2-Dichloropropane | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |
| 1,1-Dichloropropene | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |
| cis-1,3-Dichloropropene | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |
| trans-1,3-Dichloropropene | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |
| Ethylbenzene | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |
| Hexachlorobutadiene | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |
| n-Hexane | | <22.6 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <22.6 | jxc | SW 8260A |
| 2-Hexanone | | <56.6 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <56.6 | jxc | SW 8260A |
| Isopropylbenzene (Cumene) | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |
| p-Isopropyltoluene | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |
| Bromomethane | | <11.3 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <11.3 | jxc | SW 8260A |
| Methylene Chloride | | <11.3 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <11.3 | jxc | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------------------------|------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 697717 | SBI002:SB3:S000020:428 | | | | | | | | | DATE/TIME TAKEN 08/02/2001 13:00 |
| Methyl t-butyl ether (MTBE) | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | bmh | SW 8260A |
| 4-Methyl-2-pentanone (MIBK) | | <56.6 | | ug/kg dw | 08/07/2001 | | 1450 | <56.6 | jxc | SW 8260A |
| n-Propylbenzene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Styrene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Naphthalene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| 1,1,1,2-Tetrachloroethane | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| 1,1,2,2-Tetrachloroethane | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Tetrachloroethene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Toluene | | 27.6 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| 1,2,4-Trichlorobenzene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| 1,1,1-Trichloroethane | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| 1,1,2-Trichloroethane | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Trichloroethene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Trichlorofluoromethane | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| 1,2,3-Trichloropropane | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| 1,2,4-Trimethylbenzene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| 1,3,5-Trimethylbenzene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Vinyl Acetate | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Vinyl Chloride | | <2.3 | | ug/kg dw | 08/07/2001 | | 1450 | <2.3 | jxc | SW 8260A |
| Xylenes, Total | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| d4-1,2-Dichloroethane (surr) | | 99 | | ‡ | 08/07/2001 | | 1450 | | jxc | SW 8260A |
| Dibromofluoromethane (surr) | | 96 | | ‡ | 08/07/2001 | | 1450 | | jxc | SW 8260A |
| d8-Toluene (surr) | | 97 | | ‡ | 08/07/2001 | | 1450 | | jxc | SW 8260A |
| Bromofluorobenzene (surr) | | 93 | | ‡ | 08/07/2001 | | 1450 | | jxc | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|-------------------------------|------------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 697717 | SBI002:SB3:S000020:428 | | | | | | | | | DATE/TIME TAKEN 08/02/2001 13:00 |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| | Acenaphthene | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrw | SW 8270C |
| | Acenaphthylene | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrw | SW 8270C |
| | Anthracene | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrw | SW 8270C |
| | Benzo(a)anthracene | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrw | SW 8270C |
| | Benzo(b)fluoranthene | 415 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrw | SW 8270C |
| | Benzo(k)fluoranthene | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrw | SW 8270C |
| | Benzo(a)pyrene | 208 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <187 | jrw | SW 8270C |
| | Benzyl alcohol | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrw | SW 8270C |
| | Benzyl butyl phthalate | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrw | SW 8270C |
| | Bis(2-chloroethyl) ether | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrw | SW 8270C |
| | Bis(2-chloroethoxy)methane | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrw | SW 8270C |
| | Bis(2-ethylhexyl)phthalate | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrw | SW 8270C |
| | 2,2'-oxybis(1-Chloropropane) | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrw | SW 8270C |
| | 4-Bromophenyl phenyl ether | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrw | SW 8270C |
| | 4-Chloroaniline | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrw | SW 8270C |
| | 2-Chloronaphthalene | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrw | SW 8270C |
| | Chrysene | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrw | SW 8270C |
| | Dibenzo(a,h)anthracene | <187 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <187 | jrw | SW 8270C |
| | Dibenzofuran | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrw | SW 8270C |
| | 1,2-Dichlorobenzene | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrw | SW 8270C |
| | 1,3-Dichlorobenzene | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrw | SW 8270C |
| | 1,4-Dichlorobenzene | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrw | SW 8270C |
| | 3,3'-Dichlorobenzidine | <747 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <747 | jrw | SW 8270C |
| | Diethyl phthalate | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrw | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------------------------|------------------------|--------|------|----------|------------|-------|-------|-----------|---------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | | | |
| 697717 | SBI002:SB3:S000020:428 | | | | | | | | | DATE/TIME TAKEN 08/02/2001 13:00 |
| Dimethyl phthalate | | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrjw | SW 8270C |
| 2,4-Dinitrotoluene | | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrjw | SW 8270C |
| 2,6-Dinitrotoluene | | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrjw | SW 8270C |
| Di-n-octylphthalate | | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrjw | SW 8270C |
| Fluoranthene | | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrjw | SW 8270C |
| Fluorene | | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrjw | SW 8270C |
| Hexachlorobenzene | | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrjw | SW 8270C |
| Hexachloro-1,3-butadiene | | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrjw | SW 8270C |
| Hexachlorocyclopentadiene | | <747 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <747 | jrjw | SW 8270C |
| Hexachloroethane | | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrjw | SW 8270C |
| Indeno(1,2,3-cd)pyrene | | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrjw | SW 8270C |
| Isophorone | | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrjw | SW 8270C |
| Naphthalene | | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrjw | SW 8270C |
| Nitrobenzene | | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrjw | SW 8270C |
| N-Nitrosodi-n-propylamine | | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrjw | SW 8270C |
| Phenanthrene | | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrjw | SW 8270C |
| Pyrene | | 388 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrjw | SW 8270C |
| 1,2,4-Trichlorobenzene | | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrjw | SW 8270C |
| Surrogate: d5-Nitrobenzene | | 72 | | % | 08/09/2001 | 944 | 1455 | | jrjw | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 76 | | % | 08/09/2001 | 944 | 1455 | | jrjw | SW 8270C |
| Surrogate: d14-Terphenyl | | 78 | | % | 08/09/2001 | 944 | 1455 | | jrjw | SW 8270C |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | |
| Benzoic Acid | | <1,870 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <1,870 | jrjw | SW 8270C |
| 4-Chloro-3-methylphenol | | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrjw | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|----------------------------|--------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | 08/02/2001 13:00 |
| 697717 | SBI002:SB3:S000020:428 | | | | | | | | | | |
| | 2-Chlorophenol | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrw | SW 8270C | |
| | 2,4-Dichlorophenol | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrw | SW 8270C | |
| | 2,4-Dimethylphenol | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrw | SW 8270C | |
| | 2-Methyl-4,6-dinitrophenol | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrw | SW 8270C | |
| | 2-Methylphenol | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrw | SW 8270C | |
| | meta & para-Methylphenol | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrw | SW 8270C | |
| | 2-Nitrophenol | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrw | SW 8270C | |
| | Pentachlorophenol | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrw | SW 8270C | |
| | Phenol | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrw | SW 8270C | |
| | 2,4,5-Trichlorophenol | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrw | SW 8270C | |
| | 2,4,6-Trichlorophenol | <373 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <373 | jrw | SW 8270C | |
| | Surrogate: d6-Phenol | 69 | | % | 08/09/2001 | 944 | 1455 | | jrw | SW 8270C | |
| | Surrogate: 2-Fluorophenol | 67 | | % | 08/09/2001 | 944 | 1455 | | jrw | SW 8270C | |
| | Surrogate: Tribromophenol | 63 | | % | 08/09/2001 | 944 | 1455 | | jrw | SW 8270C | |
| | TPH - FTIR Non-aq | 240 | | mg/kg dw | 08/15/2001 | 591 | 623 | <50 | 260 | 418.1 | |

SAMPLE NO. 697718
SAMPLE DESCRIPTION SBI002:HMW13S:S140150:428

DATE/TIME TAKEN 08/02/2001 14:45

| | | | | | | | |
|-----------------------|----------|---|------------|------|----------|-----|----------------------------|
| Dry Weight | 81.6 | % | 08/14/2001 | 1476 | | mhg | SM 2540 G. |
| Prep, BNA Non-Aq | Complete | | 08/07/2001 | 944 | Complete | mlr | EPA 625; SW 3540C; SW 3545 |
| Prep, TPH 418.1 Nonaq | Complete | | 08/14/2001 | 591 | Complete | 260 | SW 9071 |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Analyst | Limit | Initials | Method Reference |
|--------------------------------|---------------------------|--------|------|----------|---------------|--------------|--------------|-------------------|-------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 697718 | SBI002:HMW13S:S140150:428 | | | | | | | | | | DATE/TIME TAKEN 08/02/2001 14:45 |
| Prep, TPH DRO Nonaq | Complete | | | | 08/06/2001 | 194 | | Complete | | mlr | |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | Complete | | | | 08/07/2001 | 1450 | Complete | jxc | | | |
| Acetone | 140 | | | ug/kg dw | 08/07/2001 | 1450 | <123 | jxc | | SW 8260A | |
| Benzene | <6.1 | | | ug/kg dw | 08/07/2001 | 1450 | <6.1 | jxc | | SW 8260A | |
| tert-Butylbenzene | <6.1 | | | ug/kg dw | 08/07/2001 | 1450 | <6.1 | jxc | | SW 8260A | |
| sec-Butylbenzene | <6.1 | | | ug/kg dw | 08/07/2001 | 1450 | <6.1 | jxc | | SW 8260A | |
| n-Butylbenzene | <6.1 | | | ug/kg dw | 08/07/2001 | 1450 | <6.1 | jxc | | SW 8260A | |
| Bromochloromethane | <6.1 | | | ug/kg dw | 08/07/2001 | 1450 | <6.1 | jxc | | SW 8260A | |
| Bromodichloromethane | <6.1 | | | ug/kg dw | 08/07/2001 | 1450 | <6.1 | jxc | | SW 8260A | |
| Bromoform | <6.1 | | | ug/kg dw | 08/07/2001 | 1450 | <6.1 | jxc | | SW 8260A | |
| Bromobenzene | <6.1 | | | ug/kg dw | 08/07/2001 | 1450 | <6.1 | jxc | | SW 8260A | |
| 2-Butanone (MEK) | <61 | | | ug/kg dw | 08/07/2001 | 1450 | <61 | jxc | | SW 8260A | |
| Carbon disulfide | <6.1 | | | ug/kg dw | 08/07/2001 | 1450 | <6.1 | jxc | | SW 8260A | |
| Carbon tetrachloride | <6.1 | | | ug/kg dw | 08/07/2001 | 1450 | <6.1 | jxc | | SW 8260A | |
| Chlorobenzene | <6.1 | | | ug/kg dw | 08/07/2001 | 1450 | <6.1 | jxc | | SW 8260A | |
| Chloroethane | <12.3 | | | ug/kg dw | 08/07/2001 | 1450 | <12.3 | jxc | | SW 8260A | |
| 2-Chlorotoluene | <6.1 | | | ug/kg dw | 08/07/2001 | 1450 | <6.1 | jxc | | SW 8260A | |
| 4-Chlorotoluene | <6.1 | | | ug/kg dw | 08/07/2001 | 1450 | <6.1 | jxc | | SW 8260A | |
| Chloroform | <6.1 | | | ug/kg dw | 08/07/2001 | 1450 | <6.1 | jxc | | SW 8260A | |
| Chloromethane | <12.3 | | | ug/kg dw | 08/07/2001 | 1450 | <12.3 | jxc | | SW 8260A | |
| Dibromochloromethane | <6.1 | | | ug/kg dw | 08/07/2001 | 1450 | <6.1 | jxc | | SW 8260A | |
| Dibromomethane | <6.1 | | | ug/kg dw | 08/07/2001 | 1450 | <6.1 | jxc | | SW 8260A | |
| Dichlorodifluoromethane | <6.1 | | | ug/kg dw | 08/07/2001 | 1450 | <6.1 | jxc | | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|-----------------------------|---------------------------|----------|------------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 697718 | SBI002:HMW13S:S140150:428 | | | | | | | | | | 08/02/2001 14:45 |
| 1,2-Dibromo-3-chloropropane | <6.1 | ug/kg dw | 08/07/2001 | 1450 | <6.1 | jxc | SW 8260A | | | | |
| 1,2-Dichlorobenzene | <6.1 | ug/kg dw | 08/07/2001 | 1450 | <6.1 | jxc | SW 8260A | | | | |
| 1,3-Dichlorobenzene | <6.1 | ug/kg dw | 08/07/2001 | 1450 | <6.1 | jxc | SW 8260A | | | | |
| 1,4-Dichlorobenzene | <6.1 | ug/kg dw | 08/07/2001 | 1450 | <6.1 | jxc | SW 8260A | | | | |
| 1,1-Dichloroethane | <6.1 | ug/kg dw | 08/07/2001 | 1450 | <6.1 | jxc | SW 8260A | | | | |
| 1,2-Dichloroethane | <6.1 | ug/kg dw | 08/07/2001 | 1450 | <6.1 | jxc | SW 8260A | | | | |
| 1,1-Dichloroethene | <6.1 | ug/kg dw | 08/07/2001 | 1450 | <6.1 | jxc | SW 8260A | | | | |
| cis-1,2-Dichloroethene | <6.1 | ug/kg dw | 08/07/2001 | 1450 | <6.1 | jxc | SW 8260A | | | | |
| trans-1,2-Dichloroethene | <6.1 | ug/kg dw | 08/07/2001 | 1450 | <6.1 | jxc | SW 8260A | | | | |
| 1,2-Dichloropropane | <6.1 | ug/kg dw | 08/07/2001 | 1450 | <6.1 | jxc | SW 8260A | | | | |
| 1,3-Dichloropropane | <6.1 | ug/kg dw | 08/07/2001 | 1450 | <6.1 | jxc | SW 8260A | | | | |
| 2,2-Dichloropropane | <6.1 | ug/kg dw | 08/07/2001 | 1450 | <6.1 | jxc | SW 8260A | | | | |
| 1,1-Dichloropropene | <6.1 | ug/kg dw | 08/07/2001 | 1450 | <6.1 | jxc | SW 8260A | | | | |
| cis-1,3-Dichloropropene | <6.1 | ug/kg dw | 08/07/2001 | 1450 | <6.1 | jxc | SW 8260A | | | | |
| trans-1,3-Dichloropropene | <6.1 | ug/kg dw | 08/07/2001 | 1450 | <6.1 | jxc | SW 8260A | | | | |
| Ethylbenzene | <6.1 | ug/kg dw | 08/07/2001 | 1450 | <6.1 | jxc | SW 8260A | | | | |
| Hexachlorobutadiene | <6.1 | ug/kg dw | 08/07/2001 | 1450 | <6.1 | jxc | SW 8260A | | | | |
| n-Hexane | <24.5 | ug/kg dw | 08/07/2001 | 1450 | <24.5 | jxc | SW 8260A | | | | |
| 2-Hexanone | <61.3 | ug/kg dw | 08/07/2001 | 1450 | <61.3 | jxc | SW 8260A | | | | |
| Isopropylbenzene (Cumene) | <6.1 | ug/kg dw | 08/07/2001 | 1450 | <6.1 | jxc | SW 8260A | | | | |
| p-Isopropyltoluene | <6.1 | ug/kg dw | 08/07/2001 | 1450 | <6.1 | jxc | SW 8260A | | | | |
| Bromomethane | <12.3 | ug/kg dw | 08/07/2001 | 1450 | <12.3 | jxc | SW 8260A | | | | |
| Methylene Chloride | <12.3 | ug/kg dw | 08/07/2001 | 1450 | <12.3 | jxc | SW 8260A | | | | |
| Methyl t-butyl ether (MTBE) | <6.1 | ug/kg dw | 08/07/2001 | 1450 | <6.1 | bmh | SW 8260A | | | | |
| 4-Methyl-2-pentanone (MIBK) | <61.3 | ug/kg dw | 08/07/2001 | 1450 | <61.3 | jxc | SW 8260A | | | | |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-------------------------------|---------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 697718 | SBI002:HMW13S:S140150:428 | | | | | | | | | DATE/TIME TAKEN 08/02/2001 14:45 |
| n-Propylbenzene | | <6.1 | | ug/kg dw | 08/07/2001 | | 1450 | <6.1 | jxc | SW 8260A |
| Styrene | | <6.1 | | ug/kg dw | 08/07/2001 | | 1450 | <6.1 | jxc | SW 8260A |
| Naphthalene | | <6.1 | | ug/kg dw | 08/07/2001 | | 1450 | <6.1 | jxc | SW 8260A |
| 1,1,1,2-Tetrachloroethane | | <6.1 | | ug/kg dw | 08/07/2001 | | 1450 | <6.1 | jxc | SW 8260A |
| 1,1,2,2-Tetrachloroethane | | <6.1 | | ug/kg dw | 08/07/2001 | | 1450 | <6.1 | jxc | SW 8260A |
| Tetrachloroethene | | <6.1 | | ug/kg dw | 08/07/2001 | | 1450 | <6.1 | jxc | SW 8260A |
| Toluene | | 8.9 | | ug/kg dw | 08/07/2001 | | 1450 | <6.1 | jxc | SW 8260A |
| 1,2,4-Trichlorobenzene | | <6.1 | | ug/kg dw | 08/07/2001 | | 1450 | <6.1 | jxc | SW 8260A |
| 1,1,1-Trichloroethane | | <6.1 | | ug/kg dw | 08/07/2001 | | 1450 | <6.1 | jxc | SW 8260A |
| 1,1,2-Trichloroethane | | <6.1 | | ug/kg dw | 08/07/2001 | | 1450 | <6.1 | jxc | SW 8260A |
| Trichloroethene | | <6.1 | | ug/kg dw | 08/07/2001 | | 1450 | <6.1 | jxc | SW 8260A |
| Trichlorofluoromethane | | <6.1 | | ug/kg dw | 08/07/2001 | | 1450 | <6.1 | jxc | SW 8260A |
| 1,2,3-Trichloropropane | | <6.1 | | ug/kg dw | 08/07/2001 | | 1450 | <6.1 | jxc | SW 8260A |
| 1,2,4-Trimethylbenzene | | <6.1 | | ug/kg dw | 08/07/2001 | | 1450 | <6.1 | jxc | SW 8260A |
| 1,3,5-Trimethylbenzene | | <6.1 | | ug/kg dw | 08/07/2001 | | 1450 | <6.1 | jxc | SW 8260A |
| Vinyl Acetate | | <6.1 | | ug/kg dw | 08/07/2001 | | 1450 | <6.1 | jxc | SW 8260A |
| Vinyl Chloride | | <2.5 | | ug/kg dw | 08/07/2001 | | 1450 | <2.5 | jxc | SW 8260A |
| Xylenes, Total | | <6.1 | | ug/kg dw | 08/07/2001 | | 1450 | <6.1 | jxc | SW 8260A |
| d4-1,2-Dichloroethane (surr) | | 95 | | % | 08/07/2001 | | 1450 | | jxc | SW 8260A |
| Dibromofluoromethane (surr) | | 95 | | % | 08/07/2001 | | 1450 | | jxc | SW 8260A |
| d8-Toluene (surr) | | 93 | | % | 08/07/2001 | | 1450 | | jxc | SW 8260A |
| Bromofluorobenzene (surr) | | 93 | | % | 08/07/2001 | | 1450 | | jxc | SW 8260A |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| Acenaphthene | | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jr | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend, Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------------------------|---------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 697718 | SBI002:HMW13S:S140150:428 | | | | | | | | | DATE/TIME TAKEN 08/02/2001 14:45 |
| Acenaphthylene | | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrjw | SW 8270C |
| Anthracene | | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrjw | SW 8270C |
| Benzo(a)anthracene | | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrjw | SW 8270C |
| Benzo(b)fluoranthene | | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrjw | SW 8270C |
| Benzo(k)fluoranthene | | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrjw | SW 8270C |
| Benzo(a)pyrene | | <202 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <202 | jrjw | SW 8270C |
| Benzyl alcohol | | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrjw | SW 8270C |
| Benzyl butyl phthalate | | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrjw | SW 8270C |
| Bis(2-chloroethyl)ether | | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrjw | SW 8270C |
| Bis(2-chloroethoxy)methane | | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrjw | SW 8270C |
| Bis(2-ethylhexyl)phthalate | | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrjw | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrjw | SW 8270C |
| 4-Bromophenyl phenyl ether | | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrjw | SW 8270C |
| 4-Chloroaniline | | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrjw | SW 8270C |
| 2-Chloronaphthalene | | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrjw | SW 8270C |
| Chrysene | | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrjw | SW 8270C |
| Dibenzo(a,h)anthracene | | <202 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <202 | jrjw | SW 8270C |
| Dibenzofuran | | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrjw | SW 8270C |
| 1,2-Dichlorobenzene | | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrjw | SW 8270C |
| 1,3-Dichlorobenzene | | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrjw | SW 8270C |
| 1,4-Dichlorobenzene | | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrjw | SW 8270C |
| 3,3'-Dichlorobenzidine | | <809 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <809 | jrjw | SW 8270C |
| Diethyl phthalate | | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrjw | SW 8270C |
| Dimethyl phthalate | | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrjw | SW 8270C |
| 2,4-Dinitrotoluene | | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrjw | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------------------------|---------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 697718 | SBI002:HMW13S:S140150:428 | | | | | | | | | DATE/TIME TAKEN 08/02/2001 14:45 |
| 2,6-Dinitrotoluene | | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrw | SW 8270C |
| Di-n-octylphthalate | | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrw | SW 8270C |
| Fluoranthene | | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrw | SW 8270C |
| Fluorene | | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrw | SW 8270C |
| Hexachlorobenzene | | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrw | SW 8270C |
| Hexachloro-1,3-butadiene | | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrw | SW 8270C |
| Hexachlorocyclopentadiene | | <809 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <809 | jrw | SW 8270C |
| Hexachloroethane | | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrw | SW 8270C |
| Indeno(1,2,3-cd)pyrene | | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrw | SW 8270C |
| Isophorone | | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrw | SW 8270C |
| Naphthalene | | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrw | SW 8270C |
| Nitrobenzene | | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrw | SW 8270C |
| N-Nitrosodi-n-propylamine | | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrw | SW 8270C |
| Phenanthrene | | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrw | SW 8270C |
| Pyrene | | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrw | SW 8270C |
| 1,2,4-Trichlorobenzene | | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrw | SW 8270C |
| Surrogate: d5-Nitrobenzene | | 79 | | % | 08/08/2001 | 944 | 1449 | | jrw | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 83 | | % | 08/08/2001 | 944 | 1449 | | jrw | SW 8270C |
| Surrogate: d14-Terphenyl | | 92 | | % | 08/08/2001 | 944 | 1449 | | jrw | SW 8270C |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | |
| Benzoic Acid | | <2,020 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <2,020 | jrw | SW 8270C |
| 4-Chloro-3-methylphenol | | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrw | SW 8270C |
| 2-Chlorophenol | | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrw | SW 8270C |
| 2,4-Dichlorophenol | | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrw | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|----------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 697718 | SBI002:HMW13S:S140150:428 | | | | | | | | | DATE/TIME TAKEN 08/02/2001 14:45 |
| | 2,4-Dimethylphenol | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrw | SW 8270C |
| | 2-Methyl-4,6-dinitrophenol | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrw | SW 8270C |
| | 2-Methylphenol | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrw | SW 8270C |
| | meta & para-Methylphenol | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrw | SW 8270C |
| | 2-Nitrophenol | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrw | SW 8270C |
| | Pentachlorophenol | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrw | SW 8270C |
| | Phenol | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrw | SW 8270C |
| | 2,4,5-Trichlorophenol | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrw | SW 8270C |
| | 2,4,6-Trichlorophenol | <404 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <404 | jrw | SW 8270C |
| | Surrogate: d6-Phenol | 77 | | % | 08/08/2001 | 944 | 1449 | | jrw | SW 8270C |
| | Surrogate: 2-Fluorophenol | 77 | | % | 08/08/2001 | 944 | 1449 | | jrw | SW 8270C |
| | Surrogate: Tribromophenol | 70 | | % | 08/08/2001 | 944 | 1449 | | jrw | SW 8270C |
| | TPH - DRO Non-Aqueous | <12 | | mg/kg dw | 08/10/2001 | 194 | 279 | <12 | meh | SW 8015M |
| | TPH - FTIR Non-aq | <50 | | mg/kg dw | 08/15/2001 | 591 | 623 | <50 | 260 | 418.1 |

| SAMPLE NO. | SAMPLE DESCRIPTION | DATE/TIME TAKEN |
|------------|---------------------------|------------------|
| 697719 | SBI002:HMW13S:S060070:428 | 08/02/2001 14:30 |

| | | | | | | | |
|-----------------------|----------|---|------------|------|----------|-----|----------------------------|
| Dry Weight | 96.9 | % | 08/14/2001 | 1476 | | mhg | SM 2540 G. |
| Prep, BNA Non-Aq | Complete | | 08/07/2001 | 944 | Complete | mlr | EPA 625; SW 3540C; SW 3545 |
| Prep, TPH 418.1 Nonaq | Complete | | 08/14/2001 | 591 | Complete | 260 | SW 9071 |
| Prep, TPH DRO Nonaq | Complete | | 08/10/2001 | 195 | Complete | lmc | |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|--------------------------------|---------------------------|----------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 697719 | SBI002:HMW13S:S060070:428 | | | | | | | | | |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | | Complete | | | 08/07/2001 | | 1450 | Complete | jxc | |
| Acetone | | <103 | | ug/kg dw | 08/07/2001 | | 1450 | <103 | jxc | SW 8260A |
| Benzene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| tert-Butylbenzene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| sec-Butylbenzene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| n-Butylbenzene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| Bromochloromethane | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| Bromodichloromethane | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| Bromoform | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| Bromobenzene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| 2-Butanone (MEK) | | <52 | | ug/kg dw | 08/07/2001 | | 1450 | <52 | jxc | SW 8260A |
| Carbon disulfide | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| Carbon tetrachloride | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| Chlorobenzene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| Chloroethane | | <10.3 | | ug/kg dw | 08/07/2001 | | 1450 | <10.3 | jxc | SW 8260A |
| 2-Chlorotoluene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| 4-Chlorotoluene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| Chloroform | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| Chloromethane | | <10.3 | | ug/kg dw | 08/07/2001 | | 1450 | <10.3 | jxc | SW 8260A |
| Dibromochloromethane | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| Dibromomethane | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| Dichlorodifluoromethane | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| 1,2-Dibromo-3-chloropropane | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| 1,2-Dichlorobenzene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |

ANALYTICAL REPORT

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 6130 Wilcox Rd.
 Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|---------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 697719 | SBI002:HMW13S:S060070:428 | | | | | | | | | DATE/TIME TAKEN 08/02/2001 14:30 |
| 1,3-Dichlorobenzene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| 1,4-Dichlorobenzene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| 1,1-Dichloroethane | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| 1,2-Dichloroethane | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| 1,1-Dichloroethene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| cis-1,2-Dichloroethene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| trans-1,2-Dichloroethene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| 1,2-Dichloropropane | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| 1,3-Dichloropropane | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| 2,2-Dichloropropane | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| 1,1-Dichloropropene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| cis-1,3-Dichloropropene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| trans-1,3-Dichloropropene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| Ethylbenzene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| Hexachlorobutadiene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| n-Hexane | | <20.6 | | ug/kg dw | 08/07/2001 | | 1450 | <20.6 | jxc | SW 8260A |
| 2-Hexanone | | <51.6 | | ug/kg dw | 08/07/2001 | | 1450 | <51.6 | jxc | SW 8260A |
| Isopropylbenzene (Cumene) | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| p-Isopropyltoluene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| Bromomethane | | <10.3 | | ug/kg dw | 08/07/2001 | | 1450 | <10.3 | jxc | SW 8260A |
| Methylene Chloride | | <10.3 | | ug/kg dw | 08/07/2001 | | 1450 | <10.3 | jxc | SW 8260A |
| Methyl t-butyl ether (MTBE) | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | bmh | SW 8260A |
| 4-Methyl-2-pentanone (MIBK) | | <51.6 | | ug/kg dw | 08/07/2001 | | 1450 | <51.6 | jxc | SW 8260A |
| n-Propylbenzene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| Styrene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Analyst | Limit | Initials | Method Reference |
|-------------------------------|---------------------------|--------|------|----------|---------------|--------------|--------------|-------------------|-------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 697719 | SBI002:HMW13S:S060070:428 | | | | | | | | | | DATE/TIME TAKEN 08/02/2001 14:30 |
| Naphthalene | | <5.2 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | jxc | <5.2 | jxc | SW 8260A |
| 1,1,1,2-Tetrachloroethane | | <5.2 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | jxc | <5.2 | jxc | SW 8260A |
| 1,1,2,2-Tetrachloroethane | | <5.2 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | jxc | <5.2 | jxc | SW 8260A |
| Tetrachloroethene | | <5.2 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | jxc | <5.2 | jxc | SW 8260A |
| Toluene | | 39.0 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | jxc | <5.2 | jxc | SW 8260A |
| 1,2,4-Trichlorobenzene | | <5.2 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | jxc | <5.2 | jxc | SW 8260A |
| 1,1,1-Trichloroethane | | <5.2 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | jxc | <5.2 | jxc | SW 8260A |
| 1,1,2-Trichloroethane | | <5.2 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | jxc | <5.2 | jxc | SW 8260A |
| Trichloroethene | | <5.2 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | jxc | <5.2 | jxc | SW 8260A |
| Trichlorofluoromethane | | <5.2 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | jxc | <5.2 | jxc | SW 8260A |
| 1,2,3-Trichloropropane | | <5.2 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | jxc | <5.2 | jxc | SW 8260A |
| 1,2,4-Trimethylbenzene | | <5.2 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | jxc | <5.2 | jxc | SW 8260A |
| 1,3,5-Trimethylbenzene | | <5.2 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | jxc | <5.2 | jxc | SW 8260A |
| Vinyl Acetate | | <5.2 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | jxc | <5.2 | jxc | SW 8260A |
| Vinyl Chloride | | <2.1 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | jxc | <2.1 | jxc | SW 8260A |
| Xylenes, Total | | <5.2 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | jxc | <5.2 | jxc | SW 8260A |
| d4-1,2-Dichloroethane (surr) | | 96 | | % | 08/07/2001 | 1450 | 1450 | jxc | | jxc | SW 8260A |
| Dibromofluoromethane (surr) | | 96 | | % | 08/07/2001 | 1450 | 1450 | jxc | | jxc | SW 8260A |
| d8-Toluene (surr) | | 93 | | % | 08/07/2001 | 1450 | 1450 | jxc | | jxc | SW 8260A |
| Bromofluorobenzene (surr) | | 93 | | % | 08/07/2001 | 1450 | 1450 | jxc | | jxc | SW 8260A |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | | |
| Acenaphthene | | <341 | | ug/kg dw | 08/08/2001 | 944 | 1449 | jrw | <341 | jrw | SW 8270C |
| Acenaphthylene | | <341 | | ug/kg dw | 08/08/2001 | 944 | 1449 | jrw | <341 | jrw | SW 8270C |
| Anthracene | | <341 | | ug/kg dw | 08/08/2001 | 944 | 1449 | jrw | <341 | jrw | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|------------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 697719 | SBI002:HMW13S:S060070:428 | | | | | | | | | DATE/TIME TAKEN 08/02/2001 14:30 |
| | Benzo(a)anthracene | <341 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <341 | jrw | SW 8270C |
| | Benzo(b)fluoranthene | <341 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <341 | jrw | SW 8270C |
| | Benzo(k)fluoranthene | <341 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <341 | jrw | SW 8270C |
| | Benzo(a)pyrene | <170 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <170 | jrw | SW 8270C |
| | Benzyl alcohol | <341 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <341 | jrw | SW 8270C |
| | Benzyl butyl phthalate | <341 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <341 | jrw | SW 8270C |
| | Bis(2-chloroethyl) ether | <341 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <341 | jrw | SW 8270C |
| | Bis(2-chloroethoxy) methane | <341 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <341 | jrw | SW 8270C |
| | Bis(2-ethylhexyl) phthalate | <341 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <341 | jrw | SW 8270C |
| | 2,2'-oxybis(1-Chloropropane) | <341 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <341 | jrw | SW 8270C |
| | 4-Bromophenyl phenyl ether | <341 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <341 | jrw | SW 8270C |
| | 4-Chloroaniline | <341 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <341 | jrw | SW 8270C |
| | 2-Chloronaphthalene | <341 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <341 | jrw | SW 8270C |
| | Chrysene | <341 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <341 | jrw | SW 8270C |
| | Dibenzo(a,h)anthracene | <170 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <170 | jrw | SW 8270C |
| | Dibenzofuran | <341 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <341 | jrw | SW 8270C |
| | 1,2-Dichlorobenzene | <341 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <341 | jrw | SW 8270C |
| | 1,3-Dichlorobenzene | <341 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <341 | jrw | SW 8270C |
| | 1,4-Dichlorobenzene | <341 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <341 | jrw | SW 8270C |
| | 3,3'-Dichlorobenzidine | <681 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <681 | jrw | SW 8270C |
| | Diethyl phthalate | <341 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <341 | jrw | SW 8270C |
| | Dimethyl phthalate | <341 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <341 | jrw | SW 8270C |
| | 2,4-Dinitrotoluene | <341 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <341 | jrw | SW 8270C |
| | 2,6-Dinitrotoluene | <341 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <341 | jrw | SW 8270C |
| | Di-n-octylphthalate | <341 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <341 | jrw | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|------------------------------|---------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 697719 | SBI002:HMW13S:S060070:428 | | | | | | | | | | 08/02/2001 14:30 |
| Fluoranthene | | <341 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <341 | jrjw | SW 8270C | |
| Fluorene | | <341 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <341 | jrjw | SW 8270C | |
| Hexachlorobenzene | | <341 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <341 | jrjw | SW 8270C | |
| Hexachloro-1,3-butadiene | | <341 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <341 | jrjw | SW 8270C | |
| Hexachlorocyclopentadiene | | <681 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <681 | jrjw | SW 8270C | |
| Hexachloroethane | | <341 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <341 | jrjw | SW 8270C | |
| Indeno(1,2,3-cd)pyrene | | <341 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <341 | jrjw | SW 8270C | |
| Isophorone | | <341 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <341 | jrjw | SW 8270C | |
| Naphthalene | | <341 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <341 | jrjw | SW 8270C | |
| Nitrobenzene | | <341 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <341 | jrjw | SW 8270C | |
| N-Nitrosodi-n-propylamine | | <341 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <341 | jrjw | SW 8270C | |
| Phenanthrene | | <341 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <341 | jrjw | SW 8270C | |
| Pyrene | | <341 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <341 | jrjw | SW 8270C | |
| 1,2,4-Trichlorobenzene | | <341 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <341 | jrjw | SW 8270C | |
| Surrogate: d5-Nitrobenzene | | 68 | | % | 08/08/2001 | 944 | 1449 | | jrjw | SW 8270C | |
| Surrogate: 2-Fluorobiphenyl | | 73 | | % | 08/08/2001 | 944 | 1449 | | jrjw | SW 8270C | |
| Surrogate: d14-Terphenyl | | 71 | | % | 08/08/2001 | 944 | 1449 | | jrjw | SW 8270C | |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | | |
| Benzoic Acid | | <1,700 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <1,700 | jrjw | SW 8270C | |
| 4-Chloro-3-methylphenol | | <341 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <341 | jrjw | SW 8270C | |
| 2-Chlorophenol | | <341 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <341 | jrjw | SW 8270C | |
| 2,4-Dichlorophenol | | <341 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <341 | jrjw | SW 8270C | |
| 2,4-Dimethylphenol | | <341 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <341 | jrjw | SW 8270C | |
| 2-Methyl-4,6-dinitrophenol | | <341 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <341 | jrjw | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
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 6130 Wilcox Rd.
 Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|--------------------------------|--------------------------|----------|------|----------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 697720 | SBI002:HMW2S:S020020:428 | | | | | | | | | DATE/TIME TAKEN 08/02/2001 09:40 |
| Lead, ICP | | 38.5 | | mg/kg dw | 08/16/2001 | 900 | 2858 | <3.5 | emd | SW 6010B |
| Mercury, CVAA | | 0.270 | | mg/kg dw | 08/13/2001 | 604 | 616 | <0.01 | epk | SW 7471A |
| Selenium, ICP | | <4.3 | | mg/kg dw | 08/16/2001 | 900 | 2936 | <4.3 | emd | SW 6010B |
| Silver, ICP | | <1.8 | | mg/kg dw | 08/16/2001 | 900 | 2889 | <1.8 | emd | SW 6010B |
| ICP Digestion, Nonaqueous | | Complete | | | 08/13/2001 | 900 | | Complete | mrt | SW 3050B |
| Mercury Digestion, Non-Aq | | Complete | | | 08/11/2001 | 604 | | Complete | epk | SW 7471A |
| Prep, TPH 418.1 Nonaq | | Complete | | | 08/14/2001 | 591 | | Complete | 260 | SW 9071 |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | | Complete | | | 08/07/2001 | | 1450 | Complete | jxc | |
| Acetone | | <136 | | ug/kg dw | 08/07/2001 | | 1450 | <136 | jxc | SW 8260A |
| Benzene | | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A |
| tert-Butylbenzene | | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A |
| sec-Butylbenzene | | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A |
| n-Butylbenzene | | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A |
| Bromochloromethane | | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A |
| Bromodichloromethane | | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A |
| Bromoform | | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A |
| Bromobenzene | | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A |
| 2-Butanone (MEK) | | <68 | | ug/kg dw | 08/07/2001 | | 1450 | <68 | jxc | SW 8260A |
| Carbon disulfide | | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A |
| Carbon tetrachloride | | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A |
| Chlorobenzene | | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A |
| Chloroethane | | <13.6 | | ug/kg dw | 08/07/2001 | | 1450 | <13.6 | jxc | SW 8260A |
| 2-Chlorotoluene | | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A |

ANALYTICAL REPORT

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 6130 Wilcox Rd.
 Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|----------|------------|-------|-------|-----------|----------|------------------|------------------|
| | | | | | Analyzed | Batch | Batch | | Initials | | |
| 697720 | SBI002:HMW2S:S020020:428 | | | | | | | | | | 08/02/2001 09:40 |
| | p-Chlorotoluene | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A | |
| | Chloroform | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A | |
| | Chloromethane | <13.6 | | ug/kg dw | 08/07/2001 | | 1450 | <13.6 | jxc | SW 8260A | |
| | Dibromochloromethane | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A | |
| | Dibromomethane | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A | |
| | Dichlorodifluoromethane | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A | |
| | 1,2-Dibromo-3-chloropropane | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A | |
| | 1,2-Dichlorobenzene | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A | |
| | 1,3-Dichlorobenzene | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A | |
| | 1,4-Dichlorobenzene | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A | |
| | 1,1-Dichloroethane | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A | |
| | 1,2-Dichloroethane | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A | |
| | 1,1-Dichloroethene | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A | |
| | cis-1,2-Dichloroethene | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A | |
| | trans-1,2-Dichloroethene | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A | |
| | 1,2-Dichloropropane | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A | |
| | 1,3-Dichloropropane | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A | |
| | 2,2-Dichloropropane | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A | |
| | 1,1-Dichloropropene | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A | |
| | cis-1,3-Dichloropropene | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A | |
| | trans-1,3-Dichloropropene | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A | |
| | Ethylbenzene | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A | |
| | Hexachlorobutadiene | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A | |
| | n-Hexane | <27.2 | | ug/kg dw | 08/07/2001 | | 1450 | <27.2 | jxc | SW 8260A | |
| | 2-Hexanone | <67.9 | | ug/kg dw | 08/07/2001 | | 1450 | <67.9 | jxc | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
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6130 Wilcox Rd.
Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------------------------|--------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 697720 | SBI002:HMW2S:S020020:428 | | | | | | | | | DATE/TIME TAKEN 08/02/2001 09:40 |
| Isopropylbenzene (Cumene) | | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A |
| p-Isopropyltoluene | | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A |
| Bromomethane | | <13.6 | | ug/kg dw | 08/07/2001 | | 1450 | <13.6 | jxc | SW 8260A |
| Methylene Chloride | | <13.6 | | ug/kg dw | 08/07/2001 | | 1450 | <13.6 | jxc | SW 8260A |
| Methyl t-butyl ether (MTBE) | | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | bmh | SW 8260A |
| 4-Methyl-2-pentanone (MIBK) | | <67.9 | | ug/kg dw | 08/07/2001 | | 1450 | <67.9 | jxc | SW 8260A |
| n-Propylbenzene | | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A |
| Styrene | | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A |
| Naphthalene | | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A |
| 1,1,1,2-Tetrachloroethane | | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A |
| 1,1,2,2-Tetrachloroethane | | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A |
| Tetrachloroethene | | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A |
| Toluene | | 30.2 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A |
| 1,2,4-Trichlorobenzene | | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A |
| 1,1,1-Trichloroethane | | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A |
| 1,1,2-Trichloroethane | | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A |
| Trichloroethene | | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A |
| Trichlorofluoromethane | | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A |
| 1,2,3-Trichloropropane | | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A |
| 1,2,4-Trimethylbenzene | | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A |
| 1,3,5-Trimethylbenzene | | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A |
| Vinyl Acetate | | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A |
| Vinyl Chloride | | <2.7 | | ug/kg dw | 08/07/2001 | | 1450 | <2.7 | jxc | SW 8260A |
| Xylenes, Total | | <6.8 | | ug/kg dw | 08/07/2001 | | 1450 | <6.8 | jxc | SW 8260A |
| d4-1,2-Dichloroethane (surr) | | 95 | | % | 08/07/2001 | | 1450 | | jxc | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|--------------------------------|--------------------------|----------|------|------------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 697720 | SBI002:HMW2S:S020020:428 | | | | | | | | | DATE/TIME TAKEN 08/02/2001 09:40 |
| Dibromofluoromethane (surr) | 94 | % | | 08/07/2001 | | 1450 | | | jxc | SW 8260A |
| d8-Toluene (surr) | 95 | % | | 08/07/2001 | | 1450 | | | jxc | SW 8260A |
| Bromofluorobenzene (surr) | 94 | % | | 08/07/2001 | | 1450 | | | jxc | SW 8260A |
| TPH - GRO (Non-Aqueous) | <7 | mg/kg dw | | 08/07/2001 | | 245 | | <7 | meb | SW 8015M |
| TPH - FTIR Non-aq | <50 | mg/kg dw | | 08/15/2001 | 591 | 623 | | <50 | 260 | 418.1 |
| 697721 | SBI002:SB1:S160170:428 | | | | | | | | | DATE/TIME TAKEN 08/03/2001 09:30 |
| Dry Weight | 87.4 | % | | 08/14/2001 | | 1476 | | | mhg | SM 2540 G. |
| Prep, PCBs Non-Aq 8082 | Complete | | | 08/09/2001 | 100 | | | Complete | mlr | SW 3540C; SW 3545 |
| Prep, BNA Non-Aq | Complete | | | 08/07/2001 | 944 | | | Complete | mlr | EPA 625; SW 3540C; SW 3545 |
| Prep, TPH 418.1 Nonaq | Complete | | | 08/14/2001 | 591 | | | Complete | 260 | SW 9071 |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | Complete | | | 08/07/2001 | | 1450 | | Complete | jxc | |
| Acetone | <114 | ug/kg dw | | 08/07/2001 | | 1450 | | <114 | jxc | SW 8260A |
| Benzene | <5.7 | ug/kg dw | | 08/07/2001 | | 1450 | | <5.7 | jxc | SW 8260A |
| tert-Butylbenzene | <5.7 | ug/kg dw | | 08/07/2001 | | 1450 | | <5.7 | jxc | SW 8260A |
| sec-Butylbenzene | <5.7 | ug/kg dw | | 08/07/2001 | | 1450 | | <5.7 | jxc | SW 8260A |
| n-Butylbenzene | <5.7 | ug/kg dw | | 08/07/2001 | | 1450 | | <5.7 | jxc | SW 8260A |
| Bromochloromethane | <5.7 | ug/kg dw | | 08/07/2001 | | 1450 | | <5.7 | jxc | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|------------------------|--------|------|----------|------------|-------|-------|-----------|---------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | | Limit | |
| 697721 | SBI002:SB1:S160170:428 | | | | | | | | | DATE/TIME TAKEN 08/03/2001 09:30 |
| Bromodichloromethane | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Bromoform | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Bromobenzene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| 2-Butanone (MEK) | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Carbon disulfide | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Carbon tetrachloride | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Chlorobenzene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Chloroethane | | <11.4 | | ug/kg dw | 08/07/2001 | | 1450 | <11.4 | jxc | SW 8260A |
| 2-Chlorotoluene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| 4-Chlorotoluene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Chloroform | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Chloromethane | | <11.4 | | ug/kg dw | 08/07/2001 | | 1450 | <11.4 | jxc | SW 8260A |
| Dibromochloromethane | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Dibromomethane | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Dichlorodifluoromethane | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| 1,2-Dibromo-3-chloropropane | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| 1,2-Dichlorobenzene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| 1,3-Dichlorobenzene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| 1,4-Dichlorobenzene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| 1,1-Dichloroethane | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| 1,2-Dichloroethane | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| 1,1-Dichloroethene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| cis-1,2-Dichloroethene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| trans-1,2-Dichloroethene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| 1,2-Dichloropropane | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | 08/03/2001 09:30 |
| | 1,1-Dichloropropane | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A | |
| | 2,2-Dichloropropane | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A | |
| | 1,1-Dichloropropene | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A | |
| | cis-1,3-Dichloropropene | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A | |
| | trans-1,3-Dichloropropene | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A | |
| | Ethylbenzene | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A | |
| | Hexachlorobutadiene | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A | |
| | n-Hexane | <22.9 | | ug/kg dw | 08/07/2001 | | 1450 | <22.9 | jxc | SW 8260A | |
| | 2-Hexanone | <57.2 | | ug/kg dw | 08/07/2001 | | 1450 | <57.2 | jxc | SW 8260A | |
| | Isopropylbenzene (Cumene) | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A | |
| | p-Isopropyltoluene | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A | |
| | Bromomethane | <11.4 | | ug/kg dw | 08/07/2001 | | 1450 | <11.4 | jxc | SW 8260A | |
| | Methylene Chloride | <11.4 | | ug/kg dw | 08/07/2001 | | 1450 | <11.4 | jxc | SW 8260A | |
| | Methyl t-butyl ether (MTBE) | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | bmh | SW 8260A | |
| | 4-Methyl-2-pentanone (MIBK) | <57.2 | | ug/kg dw | 08/07/2001 | | 1450 | <57.2 | jxc | SW 8260A | |
| | n-Propylbenzene | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A | |
| | Styrene | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A | |
| | Naphthalene | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A | |
| | 1,1,1,2-Tetrachloroethane | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A | |
| | 1,1,2,2-Tetrachloroethane | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A | |
| | Tetrachloroethene | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A | |
| | Toluene | 21.6 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A | |
| | 1,2,4-Trichlorobenzene | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A | |
| | 1,1,1-Trichloroethane | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A | |
| | 1,1,2-Trichloroethane | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-------------------------------|------------------------|--------|------|----------|------------|-------|-------|-----------|----------|------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| | | | | | | | | | | DATE/TIME TAKEN |
| 697721 | SBI002:SB1:S160170:428 | | | | | | | | | 08/03/2001 09:30 |
| Trichloroethene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Trichlorofluoromethane | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| 1,2,3-Trichloropropane | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| 1,2,4-Trimethylbenzene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| 1,3,5-Trimethylbenzene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Vinyl Acetate | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Vinyl Chloride | | <2.3 | | ug/kg dw | 08/07/2001 | | 1450 | <2.3 | jxc | SW 8260A |
| Xylenes, Total | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| d4-1,2-Dichloroethane (surr) | | 94 | | % | 08/07/2001 | | 1450 | | jxc | SW 8260A |
| Dibromofluoromethane (surr) | | 92 | | % | 08/07/2001 | | 1450 | | jxc | SW 8260A |
| d8-Toluene (surr) | | 92 | | % | 08/07/2001 | | 1450 | | jxc | SW 8260A |
| Bromofluorobenzene (surr) | | 92 | | % | 08/07/2001 | | 1450 | | jxc | SW 8260A |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| Acenaphthene | | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrjw | SW 8270C |
| Acenaphthylene | | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrjw | SW 8270C |
| Anthracene | | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrjw | SW 8270C |
| Benzo(a)anthracene | | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrjw | SW 8270C |
| Benzo(b)fluoranthene | | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrjw | SW 8270C |
| Benzo(k)fluoranthene | | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrjw | SW 8270C |
| Benzo(a)pyrene | | <189 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <189 | jrjw | SW 8270C |
| Benzyl alcohol | | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrjw | SW 8270C |
| Benzyl butyl phthalate | | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrjw | SW 8270C |
| Bis(2-chloroethyl) ether | | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrjw | SW 8270C |
| Bis(2-chloroethoxy) methane | | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrjw | SW 8270C |

ANALYTICAL REPORT

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Dublin, OH 43016

08/23/2001

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Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|------------------------------|--------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | 08/03/2001 09:30 |
| 697721 | SBI002:SB1:S160170:428 | | | | | | | | | | |
| | sis(2-ethylhexyl)phthalate | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrw | SW 8270C | |
| | 2,2'-oxybis(1-Chloropropane) | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrw | SW 8270C | |
| | 4-Bromophenyl phenyl ether | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrw | SW 8270C | |
| | 4-Chloroaniline | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrw | SW 8270C | |
| | 2-Chloronaphthalene | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrw | SW 8270C | |
| | Chrysene | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrw | SW 8270C | |
| | Dibenzo(a,h)anthracene | <189 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <189 | jrw | SW 8270C | |
| | Dibenzofuran | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrw | SW 8270C | |
| | 1,2-Dichlorobenzene | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrw | SW 8270C | |
| | 1,3-Dichlorobenzene | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrw | SW 8270C | |
| | 1,4-Dichlorobenzene | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrw | SW 8270C | |
| | 3,3'-Dichlorobenzidine | <755 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <755 | jrw | SW 8270C | |
| | Diethyl phthalate | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrw | SW 8270C | |
| | Dimethyl phthalate | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrw | SW 8270C | |
| | 2,4-Dinitrotoluene | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrw | SW 8270C | |
| | 2,6-Dinitrotoluene | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrw | SW 8270C | |
| | Di-n-octylphthalate | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrw | SW 8270C | |
| | Fluoranthene | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrw | SW 8270C | |
| | Fluorene | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrw | SW 8270C | |
| | Hexachlorobenzene | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrw | SW 8270C | |
| | Hexachloro-1,3-butadiene | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrw | SW 8270C | |
| | Hexachlorocyclopentadiene | <755 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <755 | jrw | SW 8270C | |
| | Hexachloroethane | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrw | SW 8270C | |
| | Indeno(1,2,3-cd)pyrene | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrw | SW 8270C | |
| | Isophorone | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrw | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------------------------|------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 697721 | SBI002:SB1:S160170:428 | | | | | | | | | DATE/TIME TAKEN 08/03/2001 09:30 |
| Naphthalene | | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrw | SW 8270C |
| Nitrobenzene | | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrw | SW 8270C |
| N-Nitrosodi-n-propylamine | | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrw | SW 8270C |
| Phenanthrene | | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrw | SW 8270C |
| Pyrene | | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrw | SW 8270C |
| 1,2,4-Trichlorobenzene | | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrw | SW 8270C |
| Surrogate: d5-Nitrobenzene | | 86 | | % | 08/08/2001 | 944 | 1449 | | jrw | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 90 | | % | 08/08/2001 | 944 | 1449 | | jrw | SW 8270C |
| Surrogate: d14-Terphenyl | | 92 | | % | 08/08/2001 | 944 | 1449 | | jrw | SW 8270C |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | |
| Benzoic Acid | | <1,890 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <1,890 | jrw | SW 8270C |
| 4-Chloro-3-methylphenol | | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrw | SW 8270C |
| 2-Chlorophenol | | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrw | SW 8270C |
| 2,4-Dichlorophenol | | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrw | SW 8270C |
| 2,4-Dimethylphenol | | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrw | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrw | SW 8270C |
| 2-Methylphenol | | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrw | SW 8270C |
| meta & para-Methylphenol | | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrw | SW 8270C |
| 2-Nitrophenol | | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrw | SW 8270C |
| Pentachlorophenol | | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrw | SW 8270C |
| Phenol | | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrw | SW 8270C |
| 2,4,5-Trichlorophenol | | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrw | SW 8270C |
| 2,4,6-Trichlorophenol | | <378 | | ug/kg dw | 08/08/2001 | 944 | 1449 | <378 | jrw | SW 8270C |
| Surrogate: d6-Phenol | | 82 | | % | 08/08/2001 | 944 | 1449 | | jrw | SW 8270C |

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 6130 Wilcox Rd.
 Dublin, OH 43016

08/23/2001

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| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|---------------------------|------------------------|----------|------|-------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | |
| 697721 | SBI002:SB1:S160170:428 | | | | | | | | | | 08/03/2001 09:30 |
| Surrogate: 2-Fluorophenol | 80 | % | | | 08/08/2001 | 944 | 1449 | | jrw | SW 8270C | |
| Surrogate: Tribromophenol | 71 | % | | | 08/08/2001 | 944 | 1449 | | jrw | SW 8270C | |
| PCB's M 8082, Non-Aq | | | | | | | | | | | |
| Aroclor 1016 | <0.57 | mg/kg dw | | | 08/16/2001 | 100 | 184 | <0.57 | mrb | SW 8082 | |
| Aroclor 1221 | <0.57 | mg/kg dw | | | 08/16/2001 | 100 | 184 | <0.57 | mrb | SW 8082 | |
| Aroclor 1232 | <0.57 | mg/kg dw | | | 08/16/2001 | 100 | 184 | <0.57 | mrb | SW 8082 | |
| Aroclor 1242 | <0.57 | mg/kg dw | | | 08/16/2001 | 100 | 184 | <0.57 | mrb | SW 8082 | |
| Aroclor 1248 | <0.57 | mg/kg dw | | | 08/16/2001 | 100 | 184 | <0.57 | mrb | SW 8082 | |
| Aroclor 1254 | <0.57 | mg/kg dw | | | 08/16/2001 | 100 | 184 | <0.57 | mrb | SW 8082 | |
| Aroclor 1260 | <0.57 | mg/kg dw | | | 08/16/2001 | 100 | 184 | <0.57 | mrb | SW 8082 | |
| Surrogate: TCX/DCB | 70/82 | % | | | 08/16/2001 | 100 | 184 | | mrb | SW 8082 | |
| TPH - FTIR Non-aq | <50 | mg/kg dw | | | 08/15/2001 | 591 | 623 | <50 | 260 | 418.1 | |

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|----------------|--------------------------|----------|------|-------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| 697722 | SBI002:HMW6S:S040060:505 | | | | | | | | | | 08/02/2001 15:45 |
| Dry Weight | 90.6 | % | | | 08/14/2001 | | 1476 | | mhg | SM 2540 G. | |
| ICP NONAQUEOUS | Complete | | | | 08/16/2001 | | 1229 | Complete | emd | SW 6010B | |
| Arsenic, ICP | <3.4 | mg/kg dw | | | 08/16/2001 | 898 | 2956 | <3.4 | emd | SW 6010B | |
| Barium, ICP | 141 | mg/kg dw | | | 08/16/2001 | 898 | 2887 | <0.70 | emd | SW 6010B | |
| Cadmium, ICP | <1.0 | mg/kg dw | | | 08/16/2001 | 898 | 2869 | <1.0 | emd | SW 6010B | |
| Chromium, ICP | 57.8 | mg/kg dw | | | 08/16/2001 | 898 | 2857 | <1.4 | emd | SW 6010B | |

ANALYTICAL REPORT

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6130 Wilcox Rd.
Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|--------------------------------|--------------------------|----------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 697722 | SBI002:HMW6S:S040060:505 | | | | | | | | | DATE/TIME TAKEN 08/02/2001 15:45 |
| Lead, ICP | 77.6 | mg/kg dw | | | 08/16/2001 | 898 | 2858 | <2.8 | emd | SW 6010B |
| Mercury, CVAA | 0.036 | mg/kg dw | | | 08/13/2001 | 604 | 616 | <0.009 | epk | SW 7471A |
| Selenium, ICP | <3.4 | mg/kg dw | | | 08/16/2001 | 898 | 2936 | <3.4 | emd | SW 6010B |
| Silver, ICP | <1.4 | mg/kg dw | | | 08/16/2001 | 898 | 2889 | <1.4 | emd | SW 6010B |
| ICP Digestion, Nonaqueous | Complete | | | | 08/08/2001 | 898 | | Complete | mrt | SW 3050B |
| Mercury Digestion, Non-Aq | Complete | | | | 08/11/2001 | 604 | | Complete | epk | SW 7471A |
| Prep, PCBs Non-Aq 8082 | Complete | | | | 08/09/2001 | 100 | | Complete | mlr | SW 3540C; SW 3545 |
| Prep, BNA Non-Aq | Complete | | | | 08/07/2001 | 944 | | Complete | mlr | EPA 625; SW 3540C; SW 3545 |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | Complete | | | | 08/07/2001 | | 1450 | Complete | jxc | |
| Acetone | 205 | ug/kg dw | | | 08/07/2001 | | 1450 | <110 | jxc | SW 8260A |
| Benzene | <5.5 | ug/kg dw | | | 08/07/2001 | | 1450 | <5.5 | jxc | SW 8260A |
| tert-Butylbenzene | <5.5 | ug/kg dw | | | 08/07/2001 | | 1450 | <5.5 | jxc | SW 8260A |
| sec-Butylbenzene | <5.5 | ug/kg dw | | | 08/07/2001 | | 1450 | <5.5 | jxc | SW 8260A |
| n-Butylbenzene | <5.5 | ug/kg dw | | | 08/07/2001 | | 1450 | <5.5 | jxc | SW 8260A |
| Bromochloromethane | <5.5 | ug/kg dw | | | 08/07/2001 | | 1450 | <5.5 | jxc | SW 8260A |
| Bromodichloromethane | <5.5 | ug/kg dw | | | 08/07/2001 | | 1450 | <5.5 | jxc | SW 8260A |
| Bromoform | <5.5 | ug/kg dw | | | 08/07/2001 | | 1450 | <5.5 | jxc | SW 8260A |
| Bromobenzene | <5.5 | ug/kg dw | | | 08/07/2001 | | 1450 | <5.5 | jxc | SW 8260A |
| 2-Butanone (MEK) | <55 | ug/kg dw | | | 08/07/2001 | | 1450 | <55 | jxc | SW 8260A |
| Carbon disulfide | <5.5 | ug/kg dw | | | 08/07/2001 | | 1450 | <5.5 | jxc | SW 8260A |
| Carbon tetrachloride | <5.5 | ug/kg dw | | | 08/07/2001 | | 1450 | <5.5 | jxc | SW 8260A |
| Chlorobenzene | <5.5 | ug/kg dw | | | 08/07/2001 | | 1450 | <5.5 | jxc | SW 8260A |
| Chloroethane | <11.0 | ug/kg dw | | | 08/07/2001 | | 1450 | <11.0 | jxc | SW 8260A |

ANALYTICAL REPORT

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 6130 Wilcox Rd.
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08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|--------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 697722 | SBI002:HMW6S:S040060:505 | | | | | | | | | DATE/TIME TAKEN 08/02/2001 15:45 |
| 4-Chlorotoluene | | <5.5 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.5 | jxc | SW 8260A |
| 4-Chlorotoluene | | <5.5 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.5 | jxc | SW 8260A |
| Chloroform | | <5.5 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.5 | jxc | SW 8260A |
| Chloromethane | | <11.0 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <11.0 | jxc | SW 8260A |
| Dibromochloromethane | | <5.5 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.5 | jxc | SW 8260A |
| Dibromomethane | | <5.5 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.5 | jxc | SW 8260A |
| Dichlorodifluoromethane | | <5.5 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.5 | jxc | SW 8260A |
| 1,2-Dibromo-3-chloropropane | | <5.5 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.5 | jxc | SW 8260A |
| 1,2-Dichlorobenzene | | <5.5 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.5 | jxc | SW 8260A |
| 1,3-Dichlorobenzene | | <5.5 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.5 | jxc | SW 8260A |
| 1,4-Dichlorobenzene | | <5.5 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.5 | jxc | SW 8260A |
| 1,1-Dichloroethane | | <5.5 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.5 | jxc | SW 8260A |
| 1,2-Dichloroethane | | <5.5 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.5 | jxc | SW 8260A |
| 1,1-Dichloroethene | | <5.5 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.5 | jxc | SW 8260A |
| cis-1,2-Dichloroethene | | <5.5 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.5 | jxc | SW 8260A |
| trans-1,2-Dichloroethene | | <5.5 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.5 | jxc | SW 8260A |
| 1,2-Dichloropropane | | <5.5 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.5 | jxc | SW 8260A |
| 1,3-Dichloropropane | | <5.5 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.5 | jxc | SW 8260A |
| 2,2-Dichloropropane | | <5.5 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.5 | jxc | SW 8260A |
| 1,1-Dichloropropene | | <5.5 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.5 | jxc | SW 8260A |
| cis-1,3-Dichloropropene | | <5.5 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.5 | jxc | SW 8260A |
| trans-1,3-Dichloropropene | | <5.5 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.5 | jxc | SW 8260A |
| Ethylbenzene | | 5.6 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.5 | jxc | SW 8260A |
| Hexachlorobutadiene | | <5.5 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.5 | jxc | SW 8260A |
| n-Hexane | | <22.1 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <22.1 | jxc | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Analyst | Limit | Initials | Method Reference |
|-----------------------------|--------------------------|--------|------|----------|---------------|--------------|--------------|-------------------|-------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 697722 | SBI002:HMW6S:S040060:505 | | | | | | | | | | DATE/TIME TAKEN 08/02/2001 15:45 |
| 2-Hexanone | | <55.2 | | ug/kg dw | 08/07/2001 | | 1450 | | <55.2 | jxc | SW 8260A |
| Isopropylbenzene (Cumene) | | <5.5 | | ug/kg dw | 08/07/2001 | | 1450 | | <5.5 | jxc | SW 8260A |
| p-Isopropyltoluene | | 13.1 | | ug/kg dw | 08/07/2001 | | 1450 | | <5.5 | jxc | SW 8260A |
| Bromomethane | | <11.0 | | ug/kg dw | 08/07/2001 | | 1450 | | <11.0 | jxc | SW 8260A |
| Methylene Chloride | | <11.0 | | ug/kg dw | 08/07/2001 | | 1450 | | <11.0 | jxc | SW 8260A |
| Methyl t-butyl ether (MTBE) | | <5.5 | | ug/kg dw | 08/07/2001 | | 1450 | | <5.5 | bmh | SW 8260A |
| 4-Methyl-2-pentanone (MIBK) | | <55.2 | | ug/kg dw | 08/07/2001 | | 1450 | | <55.2 | jxc | SW 8260A |
| n-Propylbenzene | | 6.2 | | ug/kg dw | 08/07/2001 | | 1450 | | <5.5 | jxc | SW 8260A |
| Styrene | | <5.5 | | ug/kg dw | 08/07/2001 | | 1450 | | <5.5 | jxc | SW 8260A |
| Naphthalene | | 16.1 | | ug/kg dw | 08/07/2001 | | 1450 | | <5.5 | jxc | SW 8260A |
| 1,1,1,2-Tetrachloroethane | | <5.5 | | ug/kg dw | 08/07/2001 | | 1450 | | <5.5 | jxc | SW 8260A |
| 1,1,2,2-Tetrachloroethane | | <5.5 | | ug/kg dw | 08/07/2001 | | 1450 | | <5.5 | jxc | SW 8260A |
| Tetrachloroethene | | <5.5 | | ug/kg dw | 08/07/2001 | | 1450 | | <5.5 | jxc | SW 8260A |
| Toluene | | 12.7 | | ug/kg dw | 08/07/2001 | | 1450 | | <5.5 | jxc | SW 8260A |
| 1,2,4-Trichlorobenzene | | <5.5 | | ug/kg dw | 08/07/2001 | | 1450 | | <5.5 | jxc | SW 8260A |
| 1,1,1-Trichloroethane | | <5.5 | | ug/kg dw | 08/07/2001 | | 1450 | | <5.5 | jxc | SW 8260A |
| 1,1,2-Trichloroethane | | <5.5 | | ug/kg dw | 08/07/2001 | | 1450 | | <5.5 | jxc | SW 8260A |
| Trichloroethene | | <5.5 | | ug/kg dw | 08/07/2001 | | 1450 | | <5.5 | jxc | SW 8260A |
| Trichlorofluoromethane | | <5.5 | | ug/kg dw | 08/07/2001 | | 1450 | | <5.5 | jxc | SW 8260A |
| 1,2,3-Trichloropropane | | <5.5 | | ug/kg dw | 08/07/2001 | | 1450 | | <5.5 | jxc | SW 8260A |
| 1,2,4-Trimethylbenzene | | 51.7 | | ug/kg dw | 08/07/2001 | | 1450 | | <5.5 | jxc | SW 8260A |
| 1,3,5-Trimethylbenzene | | 28.0 | | ug/kg dw | 08/07/2001 | | 1450 | | <5.5 | jxc | SW 8260A |
| Vinyl Acetate | | <5.5 | | ug/kg dw | 08/07/2001 | | 1450 | | <5.5 | jxc | SW 8260A |
| Vinyl Chloride | | <2.2 | | ug/kg dw | 08/07/2001 | | 1450 | | <2.2 | jxc | SW 8260A |
| Xylenes, Total | | 39.5 | | ug/kg dw | 08/07/2001 | | 1450 | | <5.5 | jxc | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|-------------------------------|--------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 697722 | SBI002:HMW6S:S040060:505 | | | | | | | | | DATE/TIME TAKEN 08/02/2001 15:45 |
| d4-1,2-Dichloroethane (surr) | | 96 | | % | 08/07/2001 | | 1450 | | jxc | SW 8260A |
| Dibromofluoromethane (surr) | | 96 | | % | 08/07/2001 | | 1450 | | jxc | SW 8260A |
| d8-Toluene (surr) | | 97 | | % | 08/07/2001 | | 1450 | | jxc | SW 8260A |
| Bromofluorobenzene (surr) | | 122 | note | % | 08/07/2001 | | 1450 | | jxc | SW 8260A |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| Acenaphthene | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrjw | SW 8270C |
| Acenaphthylene | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrjw | SW 8270C |
| Anthracene | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrjw | SW 8270C |
| Benzo(a)anthracene | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrjw | SW 8270C |
| Benzo(b)fluoranthene | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrjw | SW 8270C |
| Benzo(k)fluoranthene | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrjw | SW 8270C |
| Benzo(a)pyrene | | <3,640 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <3,640 | jrjw | SW 8270C |
| Benzyl alcohol | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrjw | SW 8270C |
| Benzyl butyl phthalate | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrjw | SW 8270C |
| Bis(2-chloroethyl)ether | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrjw | SW 8270C |
| Bis(2-chloroethoxy)methane | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrjw | SW 8270C |
| Bis(2-ethylhexyl)phthalate | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrjw | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrjw | SW 8270C |
| 4-Bromophenyl phenyl ether | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrjw | SW 8270C |
| 4-Chloroaniline | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrjw | SW 8270C |
| 2-Chloronaphthalene | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrjw | SW 8270C |
| Chrysene | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrjw | SW 8270C |
| Dibenzo(a,h)anthracene | | <3,640 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <3,640 | jrjw | SW 8270C |
| Dibenzofuran | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrjw | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|-----------------------------|--------------------------|---------|------|----------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 697722 | SBI002:HMW6S:S040060:505 | | | | | | | | | | 08/02/2001 15:45 |
| 1,2-Dichlorobenzene | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrjw | SW 8270C | |
| 1,3-Dichlorobenzene | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrjw | SW 8270C | |
| 1,4-Dichlorobenzene | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrjw | SW 8270C | |
| 3,3'-Dichlorobenzidine | | <14,600 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <14,600 | jrjw | SW 8270C | |
| Diethyl phthalate | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrjw | SW 8270C | |
| Dimethyl phthalate | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrjw | SW 8270C | |
| 2,4-Dinitrotoluene | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrjw | SW 8270C | |
| 2,6-Dinitrotoluene | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrjw | SW 8270C | |
| Di-n-octylphthalate | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrjw | SW 8270C | |
| Fluoranthene | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrjw | SW 8270C | |
| Fluorene | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrjw | SW 8270C | |
| Hexachlorobenzene | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrjw | SW 8270C | |
| Hexachloro-1,3-butadiene | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrjw | SW 8270C | |
| Hexachlorocyclopentadiene | | <14,600 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <14,600 | jrjw | SW 8270C | |
| Hexachloroethane | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrjw | SW 8270C | |
| Indeno(1,2,3-cd)pyrene | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrjw | SW 8270C | |
| Isophorone | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrjw | SW 8270C | |
| Naphthalene | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrjw | SW 8270C | |
| Nitrobenzene | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrjw | SW 8270C | |
| N-Nitrosodi-n-propylamine | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrjw | SW 8270C | |
| Phenanthrene | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrjw | SW 8270C | |
| Pyrene | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrjw | SW 8270C | |
| 1,2,4-Trichlorobenzene | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrjw | SW 8270C | |
| Surrogate: d5-Nitrobenzene | | DL | | % | 08/10/2001 | 944 | 1454 | | jrjw | SW 8270C | |
| Surrogate: 2-Fluorobiphenyl | | DL | | % | 08/10/2001 | 944 | 1454 | | jrjw | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------------------------|--------------------------|---------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | 08/02/2001 15:45 |
| 697722 | SBI002:HMW6S:S040060:505 | | | | | | | | | | |
| Surrogate: d14-Terphenyl | | DL | | % | 08/10/2001 | 944 | 1454 | | jrw | SW 8270C | |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | | |
| Benzoic Acid | | <36,400 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <36,400 | jrw | SW 8270C | |
| 4-Chloro-3-methylphenol | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrw | SW 8270C | |
| 2-Chlorophenol | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrw | SW 8270C | |
| 2,4-Dichlorophenol | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrw | SW 8270C | |
| 2,4-Dimethylphenol | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrw | SW 8270C | |
| 2-Methyl-4,6-dinitrophenol | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrw | SW 8270C | |
| 2-Methylphenol | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrw | SW 8270C | |
| meta & para-Methylphenol | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrw | SW 8270C | |
| 2-Nitrophenol | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrw | SW 8270C | |
| Pentachlorophenol | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrw | SW 8270C | |
| Phenol | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrw | SW 8270C | |
| 2,4,5-Trichlorophenol | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrw | SW 8270C | |
| 2,4,6-Trichlorophenol | | <7,280 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <7,280 | jrw | SW 8270C | |
| Surrogate: d6-Phenol | | DL | | % | 08/10/2001 | 944 | 1454 | | jrw | SW 8270C | |
| Surrogate: 2-Fluorophenol | | DL | | % | 08/10/2001 | 944 | 1454 | | jrw | SW 8270C | |
| Surrogate: Tribromophenol | | 220 | note | % | 08/10/2001 | 944 | 1454 | | jrw | SW 8270C | |
| PCB's M 8082, Non-Aq | | | | | | | | | | | |
| Aroclor 1016 | | <0.55 | | mg/kg dw | 08/10/2001 | 100 | 181 | <0.55 | mrh | SW 8082 | |
| Aroclor 1221 | | <0.55 | | mg/kg dw | 08/10/2001 | 100 | 181 | <0.55 | mrh | SW 8082 | |
| Aroclor 1232 | | <0.55 | | mg/kg dw | 08/10/2001 | 100 | 181 | <0.55 | mrh | SW 8082 | |
| Aroclor 1242 | | <0.55 | | mg/kg dw | 08/10/2001 | 100 | 181 | <0.55 | mrh | SW 8082 | |
| Aroclor 1248 | | <0.55 | | mg/kg dw | 08/10/2001 | 100 | 181 | <0.55 | mrh | SW 8082 | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference |
|---------------------------|---------------------------|----------|---------------|-------------------|------------------|-----------------|------------------|----------------------------|
| SAMPLE NO. | SAMPLE DESCRIPTION | | | | | | | DATE/TIME TAKEN |
| 697722 | SBI002:HMW6S:S040060:505 | | | | | | | 08/02/2001 15:45 |
| Aroclor 1254 | <0.55 | mg/kg dw | 08/10/2001 | 100 | 181 | <0.55 | mrb | SW 8082 |
| Aroclor 1260 | <0.55 | mg/kg dw | 08/10/2001 | 100 | 181 | <0.55 | mrb | SW 8082 |
| Surrogate:TCX/DCB | 69/62 | % | 08/10/2001 | 100 | 181 | | mrb | SW 8082 |
| TPH - GRO (Non-Aqueous) | <6 | mg/kg dw | 08/07/2001 | | 245 | <6 | mrb | SW 8015M |
| SAMPLE NO. | SAMPLE DESCRIPTION | | | | | | | DATE/TIME TAKEN |
| 697723 | SBI002:HMW6S:S180200:505 | | | | | | | 08/02/2001 16:46 |
| Dry Weight | 95.0 | % | 08/14/2001 | | 1476 | | mhg | SM 2540 G. |
| ICP NONAQUEOUS | Complete | | 08/15/2001 | | 1219 | Complete | emd | SW 6010B |
| Arsenic, ICP | <6.9 | mg/kg dw | 08/15/2001 | 898 | 2945 | <6.9 | emd | SW 6010B |
| Barium, ICP | 10 | mg/kg dw | 08/15/2001 | 898 | 2876 | <1.4 | emd | SW 6010B |
| Cadmium, ICP | <2.1 | mg/kg dw | 08/15/2001 | 898 | 2858 | <2.1 | emd | SW 6010B |
| Chromium, ICP | 6.2 | mg/kg dw | 08/15/2001 | 898 | 2846 | <2.7 | emd | SW 6010B |
| Lead, ICP | 5.9 | mg/kg dw | 08/15/2001 | 898 | 2847 | <5.6 | emd | SW 6010B |
| Mercury, CVAA | <0.008 | mg/kg dw | 08/13/2001 | 604 | 616 | <0.008 | epk | SW 7471A |
| Selenium, ICP | <6.9 | mg/kg dw | 08/15/2001 | 898 | 2925 | <6.9 | emd | SW 6010B |
| Silver, ICP | <2.7 | mg/kg dw | 08/15/2001 | 898 | 2878 | <2.7 | emd | SW 6010B |
| ICP Digestion, Nonaqueous | Complete | | 08/08/2001 | 898 | | Complete | mrt | SW 3050B |
| Mercury Digestion, Non-Aq | Complete | | 08/11/2001 | 604 | | Complete | epk | SW 7471A |
| Prep, PCBs Non-Aq 8082 | Complete | | 08/09/2001 | 100 | | Complete | mlr | SW 3540C; SW 3545 |
| Prep, BNA Non-Aq | Complete | | 08/09/2001 | 945 | | Complete | mlr | EPA 625; SW 3540C; SW 3545 |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|--------------------------------|--------------------------|--------|------|-------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | |
| 697723 | SBI002:HMW6S:S180200:505 | | | | | | | | | | 08/02/2001 16:46 |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | Complete | | | | 08/07/2001 | 1450 | 1450 | Complete | jxc | | |
| Acetone | <105 | ug/kg | dw | | 08/07/2001 | 1450 | 1450 | <105 | jxc | SW 8260A | |
| Benzene | <5.3 | ug/kg | dw | | 08/07/2001 | 1450 | 1450 | <5.3 | jxc | SW 8260A | |
| tert-Butylbenzene | <5.3 | ug/kg | dw | | 08/07/2001 | 1450 | 1450 | <5.3 | jxc | SW 8260A | |
| sec-Butylbenzene | <5.3 | ug/kg | dw | | 08/07/2001 | 1450 | 1450 | <5.3 | jxc | SW 8260A | |
| n-Butylbenzene | <5.3 | ug/kg | dw | | 08/07/2001 | 1450 | 1450 | <5.3 | jxc | SW 8260A | |
| Bromochloromethane | <5.3 | ug/kg | dw | | 08/07/2001 | 1450 | 1450 | <5.3 | jxc | SW 8260A | |
| Bromodichloromethane | <5.3 | ug/kg | dw | | 08/07/2001 | 1450 | 1450 | <5.3 | jxc | SW 8260A | |
| Bromoform | <5.3 | ug/kg | dw | | 08/07/2001 | 1450 | 1450 | <5.3 | jxc | SW 8260A | |
| Bromobenzene | <5.3 | ug/kg | dw | | 08/07/2001 | 1450 | 1450 | <5.3 | jxc | SW 8260A | |
| 2-Butanone (MEK) | <53 | ug/kg | dw | | 08/07/2001 | 1450 | 1450 | <53 | jxc | SW 8260A | |
| Carbon disulfide | <5.3 | ug/kg | dw | | 08/07/2001 | 1450 | 1450 | <5.3 | jxc | SW 8260A | |
| Carbon tetrachloride | <5.3 | ug/kg | dw | | 08/07/2001 | 1450 | 1450 | <5.3 | jxc | SW 8260A | |
| Chlorobenzene | <5.3 | ug/kg | dw | | 08/07/2001 | 1450 | 1450 | <5.3 | jxc | SW 8260A | |
| Chloroethane | <10.5 | ug/kg | dw | | 08/07/2001 | 1450 | 1450 | <10.5 | jxc | SW 8260A | |
| 2-Chlorotoluene | <5.3 | ug/kg | dw | | 08/07/2001 | 1450 | 1450 | <5.3 | jxc | SW 8260A | |
| 4-Chlorotoluene | <5.3 | ug/kg | dw | | 08/07/2001 | 1450 | 1450 | <5.3 | jxc | SW 8260A | |
| Chloroform | <5.3 | ug/kg | dw | | 08/07/2001 | 1450 | 1450 | <5.3 | jxc | SW 8260A | |
| Chloromethane | <10.5 | ug/kg | dw | | 08/07/2001 | 1450 | 1450 | <10.5 | jxc | SW 8260A | |
| Dibromochloromethane | <5.3 | ug/kg | dw | | 08/07/2001 | 1450 | 1450 | <5.3 | jxc | SW 8260A | |
| Dibromomethane | <5.3 | ug/kg | dw | | 08/07/2001 | 1450 | 1450 | <5.3 | jxc | SW 8260A | |
| Dichlorodifluoromethane | <5.3 | ug/kg | dw | | 08/07/2001 | 1450 | 1450 | <5.3 | jxc | SW 8260A | |
| 1,2-Dibromo-3-chloropropane | <5.3 | ug/kg | dw | | 08/07/2001 | 1450 | 1450 | <5.3 | jxc | SW 8260A | |
| 1,2-Dichlorobenzene | <5.3 | ug/kg | dw | | 08/07/2001 | 1450 | 1450 | <5.3 | jxc | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|--------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | | Initials | |
| 697723 | SBI002:HMW6S:S180200:505 | | | | | | | | | DATE/TIME TAKEN 08/02/2001 16:46 |
| 1,3-Dichlorobenzene | | <5.3 | | ug/kg dw | 08/07/2001 | | 1450 | <5.3 | jxc | SW 8260A |
| 1,4-Dichlorobenzene | | <5.3 | | ug/kg dw | 08/07/2001 | | 1450 | <5.3 | jxc | SW 8260A |
| 1,1-Dichloroethane | | <5.3 | | ug/kg dw | 08/07/2001 | | 1450 | <5.3 | jxc | SW 8260A |
| 1,2-Dichloroethane | | <5.3 | | ug/kg dw | 08/07/2001 | | 1450 | <5.3 | jxc | SW 8260A |
| 1,1-Dichloroethene | | <5.3 | | ug/kg dw | 08/07/2001 | | 1450 | <5.3 | jxc | SW 8260A |
| cis-1,2-Dichloroethene | | <5.3 | | ug/kg dw | 08/07/2001 | | 1450 | <5.3 | jxc | SW 8260A |
| trans-1,2-Dichloroethene | | <5.3 | | ug/kg dw | 08/07/2001 | | 1450 | <5.3 | jxc | SW 8260A |
| 1,2-Dichloropropane | | <5.3 | | ug/kg dw | 08/07/2001 | | 1450 | <5.3 | jxc | SW 8260A |
| 1,3-Dichloropropane | | <5.3 | | ug/kg dw | 08/07/2001 | | 1450 | <5.3 | jxc | SW 8260A |
| 2,2-Dichloropropane | | <5.3 | | ug/kg dw | 08/07/2001 | | 1450 | <5.3 | jxc | SW 8260A |
| 1,1-Dichloropropene | | <5.3 | | ug/kg dw | 08/07/2001 | | 1450 | <5.3 | jxc | SW 8260A |
| cis-1,3-Dichloropropene | | <5.3 | | ug/kg dw | 08/07/2001 | | 1450 | <5.3 | jxc | SW 8260A |
| trans-1,3-Dichloropropene | | <5.3 | | ug/kg dw | 08/07/2001 | | 1450 | <5.3 | jxc | SW 8260A |
| Ethylbenzene | | <5.3 | | ug/kg dw | 08/07/2001 | | 1450 | <5.3 | jxc | SW 8260A |
| Hexachlorobutadiene | | <5.3 | | ug/kg dw | 08/07/2001 | | 1450 | <5.3 | jxc | SW 8260A |
| n-Hexane | | <21.1 | | ug/kg dw | 08/07/2001 | | 1450 | <21.1 | jxc | SW 8260A |
| 2-Hexanone | | <52.6 | | ug/kg dw | 08/07/2001 | | 1450 | <52.6 | jxc | SW 8260A |
| Isopropylbenzene (Cumene) | | <5.3 | | ug/kg dw | 08/07/2001 | | 1450 | <5.3 | jxc | SW 8260A |
| p-Isopropyltoluene | | <5.3 | | ug/kg dw | 08/07/2001 | | 1450 | <5.3 | jxc | SW 8260A |
| Bromomethane | | <10.5 | | ug/kg dw | 08/07/2001 | | 1450 | <10.5 | jxc | SW 8260A |
| Methylene Chloride | | <10.5 | | ug/kg dw | 08/07/2001 | | 1450 | <10.5 | jxc | SW 8260A |
| Methyl t-butyl ether (MTBE) | | <5.3 | | ug/kg dw | 08/07/2001 | | 1450 | <5.3 | bmh | SW 8260A |
| 4-Methyl-2-pentanone (MIBK) | | <52.6 | | ug/kg dw | 08/07/2001 | | 1450 | <52.6 | jxc | SW 8260A |
| n-Propylbenzene | | <5.3 | | ug/kg dw | 08/07/2001 | | 1450 | <5.3 | jxc | SW 8260A |
| Styrene | | <5.3 | | ug/kg dw | 08/07/2001 | | 1450 | <5.3 | jxc | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|-------------------------------|------------------------------|--------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | |
| 697723 | SBI002:HMW6S:S180200:505 | | | | | | | | | | 08/02/2001 16:46 |
| | Anthalene | <5.3 | | ug/kg dw | 08/07/2001 | | 1450 | <5.3 | jxc | SW 8260A | |
| | 1,1,1,2-Tetrachloroethane | <5.3 | | ug/kg dw | 08/07/2001 | | 1450 | <5.3 | jxc | SW 8260A | |
| | 1,1,2,2-Tetrachloroethane | <5.3 | | ug/kg dw | 08/07/2001 | | 1450 | <5.3 | jxc | SW 8260A | |
| | Tetrachloroethene | <5.3 | | ug/kg dw | 08/07/2001 | | 1450 | <5.3 | jxc | SW 8260A | |
| | Toluene | 6.9 | | ug/kg dw | 08/07/2001 | | 1450 | <5.3 | jxc | SW 8260A | |
| | 1,2,4-Trichlorobenzene | <5.3 | | ug/kg dw | 08/07/2001 | | 1450 | <5.3 | jxc | SW 8260A | |
| | 1,1,1-Trichloroethane | <5.3 | | ug/kg dw | 08/07/2001 | | 1450 | <5.3 | jxc | SW 8260A | |
| | 1,1,2-Trichloroethane | <5.3 | | ug/kg dw | 08/07/2001 | | 1450 | <5.3 | jxc | SW 8260A | |
| | Trichloroethene | <5.3 | | ug/kg dw | 08/07/2001 | | 1450 | <5.3 | jxc | SW 8260A | |
| | Trichlorofluoromethane | <5.3 | | ug/kg dw | 08/07/2001 | | 1450 | <5.3 | jxc | SW 8260A | |
| | 1,2,3-Trichloropropane | <5.3 | | ug/kg dw | 08/07/2001 | | 1450 | <5.3 | jxc | SW 8260A | |
| | 1,2,4-Trimethylbenzene | <5.3 | | ug/kg dw | 08/07/2001 | | 1450 | <5.3 | jxc | SW 8260A | |
| | 1,3,5-Trimethylbenzene | <5.3 | | ug/kg dw | 08/07/2001 | | 1450 | <5.3 | jxc | SW 8260A | |
| | Vinyl Acetate | <5.3 | | ug/kg dw | 08/07/2001 | | 1450 | <5.3 | jxc | SW 8260A | |
| | Vinyl Chloride | <2.1 | | ug/kg dw | 08/07/2001 | | 1450 | <2.1 | jxc | SW 8260A | |
| | Xylenes, Total | <5.3 | | ug/kg dw | 08/07/2001 | | 1450 | <5.3 | jxc | SW 8260A | |
| | d4-1,2-Dichloroethane (surr) | 96 | | % | 08/07/2001 | | 1450 | | jxc | SW 8260A | |
| | Dibromofluoromethane (surr) | 90 | | % | 08/07/2001 | | 1450 | | jxc | SW 8260A | |
| | d8-Toluene (surr) | 92 | | % | 08/07/2001 | | 1450 | | jxc | SW 8260A | |
| | Bromofluorobenzene (surr) | 93 | | % | 08/07/2001 | | 1450 | | jxc | SW 8260A | |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | | |
| | Acenaphthene | <347 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <347 | jr | SW 8270C | |
| | Acenaphthylene | <347 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <347 | jr | SW 8270C | |
| | Anthracene | <347 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <347 | jr | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|------------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 697723 | SBI002:HMW6S:S180200:505 | | | | | | | | | | 08/02/2001 16:46 |
| | Benzo(a)anthracene | <347 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <347 | jrjw | SW 8270C | |
| | Benzo(b)fluoranthene | <347 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <347 | jrjw | SW 8270C | |
| | Benzo(k)fluoranthene | <347 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <347 | jrjw | SW 8270C | |
| | Benzo(a)pyrene | <174 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <174 | jrjw | SW 8270C | |
| | Benzyl alcohol | <347 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <347 | jrjw | SW 8270C | |
| | Benzyl butyl phthalate | <347 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <347 | jrjw | SW 8270C | |
| | Bis(2-chloroethyl) ether | <347 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <347 | jrjw | SW 8270C | |
| | Bis(2-chloroethoxy)methane | <347 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <347 | jrjw | SW 8270C | |
| | Bis(2-ethylhexyl)phthalate | <347 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <347 | jrjw | SW 8270C | |
| | 2,2'-oxybis(1-Chloropropane) | <347 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <347 | jrjw | SW 8270C | |
| | 4-Bromophenyl phenyl ether | <347 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <347 | jrjw | SW 8270C | |
| | 4-Chloroaniline | <347 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <347 | jrjw | SW 8270C | |
| | 2-Chloronaphthalene | <347 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <347 | jrjw | SW 8270C | |
| | Chrysene | <347 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <347 | jrjw | SW 8270C | |
| | Dibenzo(a,h)anthracene | <174 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <174 | jrjw | SW 8270C | |
| | Dibenzofuran | <347 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <347 | jrjw | SW 8270C | |
| | 1,2-Dichlorobenzene | <347 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <347 | jrjw | SW 8270C | |
| | 1,3-Dichlorobenzene | <347 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <347 | jrjw | SW 8270C | |
| | 1,4-Dichlorobenzene | <347 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <347 | jrjw | SW 8270C | |
| | 3,3'-Dichlorobenzidine | <695 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <695 | jrjw | SW 8270C | |
| | Diethyl phthalate | <347 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <347 | jrjw | SW 8270C | |
| | Dimethyl phthalate | <347 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <347 | jrjw | SW 8270C | |
| | 2,4-Dinitrotoluene | <347 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <347 | jrjw | SW 8270C | |
| | 2,6-Dinitrotoluene | <347 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <347 | jrjw | SW 8270C | |
| | Di-n-octylphthalate | <347 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <347 | jrjw | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|------------------------------|--------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 697723 | SBI002:HMW6S:S180200:505 | | | | | | | | | | 08/02/2001 16:46 |
| Fluoranthene | | <347 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <347 | jrjw | SW 8270C | |
| Fluorene | | <347 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <347 | jrjw | SW 8270C | |
| Hexachlorobenzene | | <347 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <347 | jrjw | SW 8270C | |
| Hexachloro-1,3-butadiene | | <347 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <347 | jrjw | SW 8270C | |
| Hexachlorocyclopentadiene | | <695 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <695 | jrjw | SW 8270C | |
| Hexachloroethane | | <347 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <347 | jrjw | SW 8270C | |
| Indeno(1,2,3-cd)pyrene | | <347 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <347 | jrjw | SW 8270C | |
| Isophorone | | <347 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <347 | jrjw | SW 8270C | |
| Naphthalene | | <347 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <347 | jrjw | SW 8270C | |
| Nitrobenzene | | <347 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <347 | jrjw | SW 8270C | |
| N-Nitrosodi-n-propylamine | | <347 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <347 | jrjw | SW 8270C | |
| Phenanthrene | | <347 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <347 | jrjw | SW 8270C | |
| Pyrene | | <347 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <347 | jrjw | SW 8270C | |
| 1,2,4-Trichlorobenzene | | <347 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <347 | jrjw | SW 8270C | |
| Surrogate: d5-Nitrobenzene | | 92 | | % | 08/14/2001 | 945 | 1457 | | jrjw | SW 8270C | |
| Surrogate: 2-Fluorobiphenyl | | 98 | | % | 08/14/2001 | 945 | 1457 | | jrjw | SW 8270C | |
| Surrogate: d14-Terphenyl | | 95 | | % | 08/14/2001 | 945 | 1457 | | jrjw | SW 8270C | |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | | |
| Benzoic Acid | | <1,740 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <1,740 | jrjw | SW 8270C | |
| 4-Chloro-3-methylphenol | | <347 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <347 | jrjw | SW 8270C | |
| 2-Chlorophenol | | <347 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <347 | jrjw | SW 8270C | |
| 2,4-Dichlorophenol | | <347 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <347 | jrjw | SW 8270C | |
| 2,4-Dimethylphenol | | <347 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <347 | jrjw | SW 8270C | |
| 2-Methyl-4,6-dinitrophenol | | <347 | | ug/kg dw | 08/14/2001 | 945 | 1457 | <347 | jrjw | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/23/2001

Job Number: 01.13924

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Run | | Reporting Analyst | Method Reference |
|---------------------------|--------------------------|----------|------|------------|---------------|--------------|--------------|------------------------|------------------|
| | | | | | | Batch Number | Batch Number | | |
| 697723 | SBI002:HMW6S:S180200:505 | | | | | | | | |
| | | | | | | | | DATE/TIME TAKEN | |
| | | | | | | | | | 08/02/2001 16:46 |
| 2-Methylphenol | <347 | ug/kg dw | | 08/14/2001 | 945 | 1457 | <347 | jrw | SW 8270C |
| meta & para-Methylphenol | <347 | ug/kg dw | | 08/14/2001 | 945 | 1457 | <347 | jrw | SW 8270C |
| 2-Nitrophenol | <347 | ug/kg dw | | 08/14/2001 | 945 | 1457 | <347 | jrw | SW 8270C |
| Pentachlorophenol | <347 | ug/kg dw | | 08/14/2001 | 945 | 1457 | <347 | jrw | SW 8270C |
| Phenol | <347 | ug/kg dw | | 08/14/2001 | 945 | 1457 | <347 | jrw | SW 8270C |
| 2,4,5-Trichlorophenol | <347 | ug/kg dw | | 08/14/2001 | 945 | 1457 | <347 | jrw | SW 8270C |
| 2,4,6-Trichlorophenol | <347 | ug/kg dw | | 08/14/2001 | 945 | 1457 | <347 | jrw | SW 8270C |
| Surrogate: d6-Phenol | 90 | ‡ | | 08/14/2001 | 945 | 1457 | | jrw | SW 8270C |
| Surrogate: 2-Fluorophenol | 92 | ‡ | | 08/14/2001 | 945 | 1457 | | jrw | SW 8270C |
| Surrogate: Tribromophenol | 95 | ‡ | | 08/14/2001 | 945 | 1457 | | jrw | SW 8270C |
| PCB's M 8082, Non-Aq | | | | | | | | | |
| Aroclor 1016 | <0.53 | mg/kg dw | | 08/10/2001 | 100 | 181 | <0.53 | mrh | SW 8082 |
| Aroclor 1221 | <0.53 | mg/kg dw | | 08/10/2001 | 100 | 181 | <0.53 | mrh | SW 8082 |
| Aroclor 1232 | <0.53 | mg/kg dw | | 08/10/2001 | 100 | 181 | <0.53 | mrh | SW 8082 |
| Aroclor 1242 | <0.53 | mg/kg dw | | 08/10/2001 | 100 | 181 | <0.53 | mrh | SW 8082 |
| Aroclor 1248 | <0.53 | mg/kg dw | | 08/10/2001 | 100 | 181 | <0.53 | mrh | SW 8082 |
| Aroclor 1254 | <0.53 | mg/kg dw | | 08/10/2001 | 100 | 181 | <0.53 | mrh | SW 8082 |
| Aroclor 1260 | <0.53 | mg/kg dw | | 08/10/2001 | 100 | 181 | <0.53 | mrh | SW 8082 |
| Surrogate: TCX/DCB | 91/83 | ‡ | | 08/10/2001 | 100 | 181 | | mrh | SW 8082 |
| TPH - GRO (Non-Aqueous) | <5 | mg/kg dw | | 08/07/2001 | | 245 | <5 | meb | SW 8015M |

QUALITY CONTROL FLAG DEFINITIONS

Job Number: 01.13924

(*) Indicates an out-of-control QC. The analytical data was reported based on other supporting quality control information.

(Note) Indicates to review the notes and comments section of the analytical report as there is additional information concerning this analytical result.

(MS) Indicates that the Matrix Spike (MS) was out of statistical advisory limits.

(MSD) Indicates that the Matrix Spike Duplicate (MSD) was out of statistical advisory limits.

(RPD) Indicates that the Relative Percent Difference (RPD) for the MS/MSD pair was outside of statistical advisory limits.

(SS) Indicates that the MS and MSD were out of statistical advisory limits.

(SSR) Indicates that the MS, MSD and RPD were out of statistical advisory limits.

(MSR) Indicates that the MS and RPD were out of statistical advisory limits.

(MSDR) Indicates that the MSD and RPD were out of statistical advisory limits.

(DL) Indicates that the MS and MSD were diluted out and the percent recoveries of the spikes could not be calculated.

(LS) Indicates that statistical accuracy and precision data is not available for spike concentrations which are $< 1/4$ of the sample amount. Care should be used in interpreting this data.

(J) Indicates estimated concentration due to internal standard areas or surrogate recoveries outside of control limits. A sample matrix effect is usually indicated.

(DW) Indicates Dry Weight.

Analytical Reporting Limits

The reporting limits listed for non-aqueous samples in the analytical report section are Practical Quantitation Limits (PQLs). These PQLs are based upon a typical standard weight used for a non-aqueous sample. The reporting limit for a sample may be different from the PQL listed depending upon the actual weight of sample used, the samples moisture content and any dilutions used during the analysis.

NOTES AND COMMENTS

TestAmerica Job Number: 1.13924

Sample Number: 697722

Analysis: 8260 Soil

Recovery of surrogate bromofluorobenzene was above the recommended 74-121% range for this sample.

Sample Number: 697722

Analysis: 8270 BNA

The sample extract would not concentrate below 1 mL. The extract was diluted to bring internal standard response within compliance limits. The apparent recovery of 2,4,6-tribromophenol was above the recommended level.

Sample Number: 697716

Analysis: PCB's 8082

Surrogates designated "DL" were diluted below the reporting limit.

Sample Number: 697716

Analysis: 8270 Soils

Due to the nature of the sample matrix, recovery of internal standard d10-Phenanthrene exceeded the recommended 50-200% range and recovery of d12-Perylene was below the recommended range. Recovery of surrogate 2,4,6-Tribromophenol exceeded the recommended 19-122% range. No detections were noted above the reporting limit for any target analytes.

1.13924

CHAIN OF CUSTODY RECORD

NO. 5318

Hull & Associates, Inc.

Dublin
6130 Wilcox Road
Dublin, Ohio 43016
Phone: (614)385-8777
FAX: (614)385-9070

Toledo
3401 Glendale Avenue
SUITE 300
Toledo, Ohio 43614
Phone: (419)385-2018
FAX: (419)385-5469

Mason
4700 Duke Drive, Suite 172
Mason, Ohio 45040
Phone: (513)459-9677
FAX: (513)459-9889

Warrensburg Heights
4949 Galaxy Parkway, Suite S
Warrensburg Heights, Ohio 44128
Phone: (216)514-7100
FAX: (216)514-7104

REPORT TO: **KEVIN WILDMAN**

Client: **SAITH BEND**
Site: **AREIA**
Project#: **SB1002** Phase: **99M**
Samplers: **RJM** ST-15T

- SAMPLE TYPES:** A - Asbestos, B - Sediment, C - Groundwater, D - Product, E - Soil, F - Water, G - Others
- PRESERVATIVES:** A - Cool only, <4° C, B - HNO₃ pH <2, C - H₂SO₄ pH <2, D - NaOH pH >12, E - Znacetate + NaOH, pH >9, F - HgSO₄ (0.008%), G - HCl pH <2
- METALS:** F - Filtered, N - Not Filtered, B - Both

| PROJECT NO. | SAMPLE LOCATION | SAMPLE TYPE | SAMPLER ID | SAMPLING DATE/TIME | NO. OF METALS CONT. | METALS | ANALYSES | COMMENTS |
|-------------|-----------------|-------------|------------|--------------------|---------------------|--------|----------|----------|
| SB1002 | SB4 | S010020 | :428 | 8-31-01 0945 | 2 | | | |
| SB1002 | SB1 | S100115 | :428 | 8-31-01 0915 | 4 | | | |
| SB1002 | SB3 | S000020 | :428 | 8-2-01 1300 | 3 | | | |
| SB1002 | HMU25 | S000020 | :428 | 8-2-01 0940 | 4 | | | |
| SB1002 | HMU75 | S140150 | :428 | 8-2-01 1445 | 4 | | | |
| SB1002 | HMU75 | S060070 | :428 | 8-2-01 1430 | 4 | | | |
| SB1002 | SB1 | S160170 | :428 | 8-31-01 0930 | 4 | | | |
| TEMP | BLANK | | | | 3 | | | |
| | | | | | | | | |
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RELINQUISHED BY: **Math** DATE: 8-3-01 TIME: 14-30

RECEIVED BY: **FEDEX** DATE: 8-3-01 TIME: 15-00

RECEIVED FOR LAB BY: **H. White** DATE: 8-6-01 TIME: 09:30

COOLER TEMPERATURE AS RECEIVED °C: **3.5**

RECEIVED BY: **Math** DATE: 8-3-01 TIME: 14-30

RECEIVED BY: **FEDEX** DATE: 8-3-01 TIME: 15-00

RECEIVED FOR LAB BY: **H. White** DATE: 8-6-01 TIME: 09:30

COOLER TEMPERATURE AS RECEIVED °C: **3.5**

Deliver To: **TEST AMERICA**

Method of Delivery: **FEDEX**

Airbill Number: **826265968040**

NOTES: **CHECK TEMP BLANK BLAN**
RECEIVED OF COLLECTOR

TURN AROUND TIME: **STD** DAYS

1000_200_0168.DWG 07/26/98 HAAK



CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

NO. **5317**

Warrensville Heights
4949 Galaxy Parkway, Suite S
Warrensville Heights, Ohio 44128
Phone: (216)514-7100
FAX: (216)514-7104

Mason
4700 Duke Drive, Suite 172
Mason, Ohio 45040
Phone: (513)459-9877
FAX: (513)459-9869

Toledo
3401 Glendale Avenue
SUITE 300
Toledo, Ohio 43614
Phone: (419)385-2018
FAX: (419)385-5489

REPORT TO: Kevin Wildeman

Client: South Bend

Site: Area A, Huckleys

Project#: SPIB02 Phase: D.I.T.I

Samplers: Matty Young

| PROJECT NO. | SAMPLE LOCATION | SAMPLE TYPE | SAMPLER ID | NO. OF METALS CONT. | SAMPLING DATE/TIME | PRESERVATIVES | METALS | ANALYSES | COMMENTS |
|---------------|------------------------|-----------------|------------|---------------------|---------------------|---------------|----------|----------|---|
| <u>SPIB02</u> | <u>HMMWG6: S040060</u> | <u>ASBESTOS</u> | <u>S05</u> | <u>1/A</u> | <u>8-2-01 15:45</u> | <u>A</u> | <u>X</u> | <u>X</u> | <u>For PCB Analysis please use remaining soils from REC-A-Metals 5/06/3 JWR</u> |
| <u>SPIB02</u> | <u>HMMWG6: S180200</u> | <u>ASBESTOS</u> | <u>S05</u> | <u>1/A</u> | <u>8-2-01 16:46</u> | <u>A</u> | <u>X</u> | <u>X</u> | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | |

Deliver To: Test America
 Method of Delivery: FedEx
 Airbill Number: 826265968040
 NOTES: Check Temperature
~~8-6-01~~

TURN AROUND TIME: SID DAYS

1009.200.016A.DWC 07/26/99 KMAC

DISTRIBUTION:
 WHITE --LAB USE (MUST BE RETURNED WITH REPORT)
 YELLOW --LAB USE
 PINK --RETAINED BY HM

COOLER TEMPERATURE AS RECEIVED °C : 3.5

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|--------------------------------|-------------------------|----------|------|----------|---------------|--------------|--------------|-----------------|------------------|----------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| | | | | | | | | | | DATE/TIME TAKEN |
| 697489 | SBI002:HA-1:S000005:412 | | | | | | | | | 07/31/2001 12:50 |
| Dry Weight | | 90.8 | | % | 08/10/2001 | | 1474 | | | mhg SM 2540 G. |
| ICP NONAQUEOUS | | Complete | | | 08/13/2001 | | 1206 | Complete | emd | SW 6010B |
| Arsenic, ICP | | 13.4 | | mg/kg dw | 08/13/2001 | 894 | 2929 | <11 | emd | SW 6010B |
| Barium, ICP | | 63.9 | | mg/kg dw | 08/13/2001 | 894 | 2860 | <2.2 | emd | SW 6010B |
| Cadmium, ICP | | 4.4 | | mg/kg dw | 08/13/2001 | 894 | 2842 | <3.2 | emd | SW 6010B |
| Chromium, ICP | | 33.8 | | mg/kg dw | 08/13/2001 | 894 | 2830 | <4.3 | emd | SW 6010B |
| Lead, ICP | | 599 | | mg/kg dw | 08/13/2001 | 894 | 2831 | <8.7 | emd | SW 6010B |
| Mercury, CVAA | | 0.138 | | mg/kg dw | 08/13/2001 | 604 | 616 | <0.009 | epk | SW 7471A |
| Selenium, ICP | | <11 | | mg/kg dw | 08/13/2001 | 894 | 2909 | <11 | emd | SW 6010B |
| Silver, ICP | | <4.3 | | mg/kg dw | 08/13/2001 | 894 | 2862 | <4.3 | emd | SW 6010B |
| ICP Digestion, Nonaqueous | | Complete | | | 08/06/2001 | 894 | | Complete | mrt | SW 3050B |
| Mercury Digestion, Non-Aq | | Complete | | | 08/11/2001 | 604 | | Complete | epk | SW 7471A |
| Prep, BNA Non-Aq | | Complete | | | 08/07/2001 | 944 | | Complete | mlr | EPA 625; SW 3540C; SW 3545 |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | | Complete | | | 08/09/2001 | | 1455 | Complete | bmh | |
| Acetone | | <110 | | ug/kg dw | 08/09/2001 | | 1455 | <110 | bmh | SW 8260A |
| Benzene | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| tert-Butylbenzene | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| sec-Butylbenzene | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| n-Butylbenzene | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| Bromochloromethane | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| Bromodichloromethane | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| Bromoform | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| Bromobenzene | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |

SBI002

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

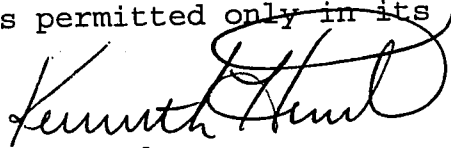
Enclosed is the analytical report for the following samples submitted to the Dayton Division of TestAmerica, Inc. for analysis:

| <u>Sample Number</u> | <u>Sample Description</u> | <u>Date Taken</u> | <u>Date Received</u> |
|----------------------|---------------------------|-------------------|----------------------|
| 697489 | SBI002:HA-1:S000005:412 | 07/31/2001 | 08/02/2001 |
| 697490 | SBI002:HA-2:S000010:412 | 07/31/2001 | 08/02/2001 |
| 697491 | SBI002:HA-3:S000010:412 | 07/31/2001 | 08/02/2001 |
| 697492 | SBI002:HA-4:S000010:412 | 07/31/2001 | 08/02/2001 |
| 697493 | SBI002:GS-2:S005010:412 | 08/01/2001 | 08/02/2001 |
| 697496 | SBI002:GS-3:S005010:412 | 08/01/2001 | 08/02/2001 |
| 697497 | SBI002:FB1:505 | 08/01/2001 | 08/02/2001 |
| 697498 | SBI002:TB1 | 08/01/2001 | 08/02/2001 |
| 697499 | SBI002:GS-3D:S005010:412 | 08/01/2001 | 08/02/2001 |
| 697500 | SBI002:HMW4S:S000020:428 | 08/01/2001 | 08/02/2001 |
| 697501 | SBI002:HMW5S:S000020:428 | 08/01/2001 | 08/02/2001 |
| 697502 | SBI002:HMW3S:S060070:428 | 08/01/2001 | 08/02/2001 |
| 697503 | SBI002:HMW3S:S060085:428 | 08/01/2001 | 08/02/2001 |
| 697504 | SBI002:HMW1D:S000020:505 | 07/31/2001 | 08/02/2001 |
| 697505 | SBI002:HMW6D:S000020:505 | 08/01/2001 | 08/02/2001 |

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Reproduction of this analytical report is permitted only in its entirety.

Enclosure


Approved By

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|-------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 697489 | SBI002:HA-1:S000005:412 | | | | | | | | | DATE/TIME TAKEN 07/31/2001 12:50 |
| 2-Butanone (MEK) | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| Carbon disulfide | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| Carbon tetrachloride | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| Chlorobenzene | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| Chloroethane | | <11.0 | | ug/kg dw | 08/09/2001 | | 1455 | <11.0 | bmh | SW 8260A |
| 2-Chlorotoluene | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| 4-Chlorotoluene | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| Chloroform | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| Chloromethane | | <11.0 | | ug/kg dw | 08/09/2001 | | 1455 | <11.0 | bmh | SW 8260A |
| Dibromochloromethane | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| Dibromomethane | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| Dichlorodifluoromethane | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| 1,2-Dibromo-3-chloropropane | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| 1,2-Dichlorobenzene | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| 1,3-Dichlorobenzene | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| 1,4-Dichlorobenzene | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| 1,1-Dichloroethane | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| 1,2-Dichloroethane | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| 1,1-Dichloroethene | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| cis-1,2-Dichloroethene | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| trans-1,2-Dichloroethene | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| 1,2-Dichloropropane | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| 1,3-Dichloropropane | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| 2,2-Dichloropropane | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| 1,1-Dichloropropene | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 697489 | SBI002:HA-1:S000005:412 | | | | | | | | | DATE/TIME TAKEN 07/31/2001 12:50 |
| | cis-1,3-Dichloropropene | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| | trans-1,3-Dichloropropene | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| | Ethylbenzene | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| | Hexachlorobutadiene | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| | n-Hexane | <22.0 | | ug/kg dw | 08/09/2001 | | 1455 | <22.0 | bmh | SW 8260A |
| | 2-Hexanone | <55.1 | | ug/kg dw | 08/09/2001 | | 1455 | <55.1 | bmh | SW 8260A |
| | Isopropylbenzene (Cumene) | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| | p-Isopropyltoluene | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| | Bromomethane | <11.0 | | ug/kg dw | 08/09/2001 | | 1455 | <11.0 | bmh | SW 8260A |
| | Methylene Chloride | <11.0 | | ug/kg dw | 08/09/2001 | | 1455 | <11.0 | bmh | SW 8260A |
| | Methyl t-butyl ether (MTBE) | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| | 4-Methyl-2-pentanone (MIBK) | <55.1 | | ug/kg dw | 08/09/2001 | | 1455 | <55.1 | bmh | SW 8260A |
| | n-Propylbenzene | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| | Styrene | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| | Naphthalene | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| | 1,1,1,2-Tetrachloroethane | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| | 1,1,2,2-Tetrachloroethane | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| | Tetrachloroethene | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| | Toluene | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| | 1,2,4-Trichlorobenzene | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| | 1,1,1-Trichloroethane | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| | 1,1,2-Trichloroethane | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| | Trichloroethene | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| | Trichlorofluoromethane | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| | 1,2,3-Trichloropropane | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-------------------------------|-------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 697489 | SBI002:HA-1:S000005:412 | | | | | | | | | DATE/TIME TAKEN 07/31/2001 12:50 |
| 1,2,4-Trimethylbenzene | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| 1,3,5-Trimethylbenzene | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| Vinyl Acetate | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| Vinyl Chloride | | <2.2 | | ug/kg dw | 08/09/2001 | | 1455 | <2.2 | bmh | SW 8260A |
| Xylenes, Total | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A |
| d4-1,2-Dichloroethane (surr) | | 104 | | % | 08/09/2001 | | 1455 | | bmh | SW 8260A |
| Dibromofluoromethane (surr) | | 102 | | % | 08/09/2001 | | 1455 | | bmh | SW 8260A |
| d8-Toluene (surr) | | 100 | | % | 08/09/2001 | | 1455 | | bmh | SW 8260A |
| Bromofluorobenzene (surr) | | 99 | | % | 08/09/2001 | | 1455 | | bmh | SW 8260A |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| Acenaphthene | | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrjw | SW 8270C |
| Acenaphthylene | | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrjw | SW 8270C |
| Anthracene | | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrjw | SW 8270C |
| Benzo(a)anthracene | | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrjw | SW 8270C |
| Benzo(b)fluoranthene | | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrjw | SW 8270C |
| Benzo(k)fluoranthene | | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrjw | SW 8270C |
| Benzo(a)pyrene | | <1,820 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <1,820 | jrjw | SW 8270C |
| Benzyl alcohol | | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrjw | SW 8270C |
| Benzyl butyl phthalate | | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrjw | SW 8270C |
| Bis(2-chloroethyl)ether | | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrjw | SW 8270C |
| Bis(2-chloroethoxy)methane | | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrjw | SW 8270C |
| Bis(2-ethylhexyl)phthalate | | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrjw | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrjw | SW 8270C |
| 4-Bromophenyl phenyl ether | | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrjw | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Analyst | Method Reference |
|---------------------------|-------------------------|--------|------|----------|---------------|--------------|--------------|-------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | |
| 697489 | SBI002:HA-1:S000005:412 | | | | | | | | DATE/TIME TAKEN 07/31/2001 12:50 |
| 4-Chloroaniline | | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrw SW 8270C |
| 2-Chloronaphthalene | | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrw SW 8270C |
| Chrysene | | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrw SW 8270C |
| Dibenzo(a,h)anthracene | | <1,820 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <1,820 | jrw SW 8270C |
| Dibenzofuran | | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrw SW 8270C |
| 1,2-Dichlorobenzene | | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrw SW 8270C |
| 1,3-Dichlorobenzene | | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrw SW 8270C |
| 1,4-Dichlorobenzene | | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrw SW 8270C |
| 3,3'-Dichlorobenzidine | | <7,270 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <7,270 | jrw SW 8270C |
| Diethyl phthalate | | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrw SW 8270C |
| Dimethyl phthalate | | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrw SW 8270C |
| 2,4-Dinitrotoluene | | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrw SW 8270C |
| 2,6-Dinitrotoluene | | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrw SW 8270C |
| Di-n-octylphthalate | | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrw SW 8270C |
| Fluoranthene | | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrw SW 8270C |
| Fluorene | | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrw SW 8270C |
| Hexachlorobenzene | | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrw SW 8270C |
| Hexachloro-1,3-butadiene | | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrw SW 8270C |
| Hexachlorocyclopentadiene | | <7,270 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <7,270 | jrw SW 8270C |
| Hexachloroethane | | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrw SW 8270C |
| Indeno(1,2,3-cd)pyrene | | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrw SW 8270C |
| Isophorone | | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrw SW 8270C |
| Naphthalene | | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrw SW 8270C |
| Nitrobenzene | | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrw SW 8270C |
| N-Nitrosodi-n-propylamine | | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrw SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|------------------------------|---------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | 07/31/2001 12:50 |
| | Phenanthrene | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrw | SW 8270C | |
| | Pyrene | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrw | SW 8270C | |
| | 1,2,4-Trichlorobenzene | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrw | SW 8270C | |
| | Surrogate: d5-Nitrobenzene | 110 | | % | 08/09/2001 | 944 | 1455 | | jrw | SW 8270C | |
| | Surrogate: 2-Fluorobiphenyl | 112 | | % | 08/09/2001 | 944 | 1455 | | jrw | SW 8270C | |
| | Surrogate: d14-Terphenyl | 115 | | % | 08/09/2001 | 944 | 1455 | | jrw | SW 8270C | |
| | ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | |
| | Benzoic Acid | <18,200 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <18,200 | jrw | SW 8270C | |
| | 4-Chloro-3-methylphenol | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrw | SW 8270C | |
| | 2-Chlorophenol | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrw | SW 8270C | |
| | 2,4-Dichlorophenol | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrw | SW 8270C | |
| | 2,4-Dimethylphenol | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrw | SW 8270C | |
| | 2-Methyl-4,6-dinitrophenol | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrw | SW 8270C | |
| | 2-Methylphenol | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrw | SW 8270C | |
| | meta & para-Methylphenol | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrw | SW 8270C | |
| | 2-Nitrophenol | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrw | SW 8270C | |
| | Pentachlorophenol | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrw | SW 8270C | |
| | Phenol | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrw | SW 8270C | |
| | 2,4,5-Trichlorophenol | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrw | SW 8270C | |
| | 2,4,6-Trichlorophenol | <3,630 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <3,630 | jrw | SW 8270C | |
| | Surrogate: d6-Phenol | 101 | | % | 08/09/2001 | 944 | 1455 | | jrw | SW 8270C | |
| | Surrogate: 2-Fluorophenol | DL | | % | 08/09/2001 | 944 | 1455 | | jrw | SW 8270C | |
| | Surrogate: Tribromophenol | 152 | note | % | 08/09/2001 | 944 | 1455 | | jrw | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|-------------------------|----------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 697490 | SBI002:HA-2:S000010:412 | | | | | | | | | DATE/TIME TAKEN 07/31/2001 10:10 |
| Dry Weight | | 95.0 | | % | 08/10/2001 | | 1474 | | | mhg SM 2540 G. |
| ICP NONAQUEOUS | | Complete | | | 08/13/2001 | | 1206 | Complete | emd | SW 6010B |
| Arsenic, ICP | | 18 | | mg/kg dw | 08/13/2001 | 894 | 2929 | <14 | emd | SW 6010B |
| Barium, ICP | | 49.6 | | mg/kg dw | 08/13/2001 | 894 | 2860 | <2.6 | emd | SW 6010B |
| Cadmium, ICP | | <4.0 | | mg/kg dw | 08/13/2001 | 894 | 2842 | <4.0 | emd | SW 6010B |
| Chromium, ICP | | 32.5 | | mg/kg dw | 08/13/2001 | 894 | 2830 | <5.3 | emd | SW 6010B |
| Lead, ICP | | 449 | | mg/kg dw | 08/13/2001 | 894 | 2831 | <11 | emd | SW 6010B |
| Mercury, CVAA | | 0.114 | | mg/kg dw | 08/13/2001 | 604 | 616 | <0.008 | epk | SW 7471A |
| Selenium, ICP | | <14 | | mg/kg dw | 08/13/2001 | 894 | 2909 | <14 | emd | SW 6010B |
| Silver, ICP | | <5.3 | | mg/kg dw | 08/13/2001 | 894 | 2862 | <5.3 | emd | SW 6010B |
| ICP Digestion, Nonaqueous | | Complete | | | 08/06/2001 | 894 | | Complete | mrt | SW 3050B |
| Mercury Digestion, Non-Aq | | Complete | | | 08/11/2001 | 604 | | Complete | epk | SW 7471A |
| Prep, BNA Non-Aq | | Complete | | | 08/07/2001 | 944 | | Complete | mlr | EPA 625; SW 3540C; SW 3545 |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | | Complete | | | 08/09/2001 | | 1455 | Complete | bmh | |
| Acetone | | <105 | | ug/kg dw | 08/09/2001 | | 1455 | <105 | bmh | SW 8260A |
| Benzene | | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| tert-Butylbenzene | | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| sec-Butylbenzene | | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| n-Butylbenzene | | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| Bromochloromethane | | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| Bromodichloromethane | | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| Bromoform | | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| Bromobenzene | | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|-------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| | | | | | | | | | | DATE/TIME TAKEN |
| 697490 | SBI002:HA-2:S000010:412 | | | | | | | | | 07/31/2001 10:10 |
| 2-Butanone (MEK) | | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| Carbon disulfide | | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| Carbon tetrachloride | | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| Chlorobenzene | | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| Chloroethane | | <10.5 | | ug/kg dw | 08/09/2001 | | 1455 | <10.5 | bmh | SW 8260A |
| 2-Chlorotoluene | | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| 4-Chlorotoluene | | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| Chloroform | | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| Chloromethane | | <10.5 | | ug/kg dw | 08/09/2001 | | 1455 | <10.5 | bmh | SW 8260A |
| Dibromochloromethane | | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| Dibromomethane | | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| Dichlorodifluoromethane | | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| 1,2-Dibromo-3-chloropropane | | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| 1,2-Dichlorobenzene | | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| 1,3-Dichlorobenzene | | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| 1,4-Dichlorobenzene | | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| 1,1-Dichloroethane | | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| 1,2-Dichloroethane | | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| 1,1-Dichloroethene | | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| cis-1,2-Dichloroethene | | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| trans-1,2-Dichloroethene | | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| 1,2-Dichloropropane | | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| 1,3-Dichloropropane | | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| 2,2-Dichloropropane | | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| 1,1-Dichloropropene | | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 697490 | SBI002:HA-2:S000010:412 | | | | | | | | | DATE/TIME TAKEN 07/31/2001 10:10 |
| | cis-1,3-Dichloropropene | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| | trans-1,3-Dichloropropene | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| | Ethylbenzene | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| | Hexachlorobutadiene | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| | n-Hexane | <21.1 | | ug/kg dw | 08/09/2001 | | 1455 | <21.1 | bmh | SW 8260A |
| | 2-Hexanone | <52.6 | | ug/kg dw | 08/09/2001 | | 1455 | <52.6 | bmh | SW 8260A |
| | Isopropylbenzene (Cumene) | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| | p-Isopropyltoluene | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| | Bromomethane | <10.5 | | ug/kg dw | 08/09/2001 | | 1455 | <10.5 | bmh | SW 8260A |
| | Methylene Chloride | <10.5 | | ug/kg dw | 08/09/2001 | | 1455 | <10.5 | bmh | SW 8260A |
| | Methyl t-butyl ether (MTBE) | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| | 4-Methyl-2-pentanone (MIBK) | <52.6 | | ug/kg dw | 08/09/2001 | | 1455 | <52.6 | bmh | SW 8260A |
| | n-Propylbenzene | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| | Styrene | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| | Naphthalene | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| | 1,1,1,2-Tetrachloroethane | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| | 1,1,2,2-Tetrachloroethane | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| | Tetrachloroethene | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| | Toluene | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| | 1,2,4-Trichlorobenzene | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| | 1,1,1-Trichloroethane | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| | 1,1,2-Trichloroethane | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| | Trichloroethene | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| | Trichlorofluoromethane | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| | 1,2,3-Trichloropropane | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-------------------------------|-------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 697490 | SBI002:HA-2:S000010:412 | | | | | | | | | DATE/TIME TAKEN 07/31/2001 10:10 |
| 1,2,4-Trimethylbenzene | | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| 1,3,5-Trimethylbenzene | | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| Vinyl Acetate | | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| Vinyl Chloride | | <2.1 | | ug/kg dw | 08/09/2001 | | 1455 | <2.1 | bmh | SW 8260A |
| Xylenes, Total | | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| d4-1,2-Dichloroethane (surr) | | 101 | | % | 08/09/2001 | | 1455 | | bmh | SW 8260A |
| Dibromofluoromethane (surr) | | 101 | | % | 08/09/2001 | | 1455 | | bmh | SW 8260A |
| d8-Toluene (surr) | | 96 | | % | 08/09/2001 | | 1455 | | bmh | SW 8260A |
| Bromofluorobenzene (surr) | | 96 | | % | 08/09/2001 | | 1455 | | bmh | SW 8260A |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| Acenaphthene | | <347 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrjw | SW 8270C |
| Acenaphthylene | | <347 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrjw | SW 8270C |
| Anthracene | | <347 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrjw | SW 8270C |
| Benzo(a)anthracene | | 839 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrjw | SW 8270C |
| Benzo(b)fluoranthene | | 1,690 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrjw | SW 8270C |
| Benzo(k)fluoranthene | | 362 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrjw | SW 8270C |
| Benzo(a)pyrene | | 748 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <174 | jrjw | SW 8270C |
| Benzyl alcohol | | <347 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrjw | SW 8270C |
| Benzyl butyl phthalate | | <347 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrjw | SW 8270C |
| Bis(2-chloroethyl)ether | | <347 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrjw | SW 8270C |
| Bis(2-chloroethoxy)methane | | <347 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrjw | SW 8270C |
| Bis(2-ethylhexyl)phthalate | | 493 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrjw | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <347 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrjw | SW 8270C |
| 4-Bromophenyl phenyl ether | | <347 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrjw | SW 8270C |

ANALYTICAL REPORT

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6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|---------------------------|-------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 697490 | SBI002:HA-2:S000010:412 | | | | | | | | | DATE/TIME TAKEN 07/31/2001 10:10 |
| 4-Chloroaniline | | <347 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrw | SW 8270C |
| 2-Chloronaphthalene | | <347 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrw | SW 8270C |
| Chrysene | | 1,580 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrw | SW 8270C |
| Dibenzo(a,h)anthracene | | <174 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <174 | jrw | SW 8270C |
| Dibenzofuran | | <347 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrw | SW 8270C |
| 1,2-Dichlorobenzene | | <347 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrw | SW 8270C |
| 1,3-Dichlorobenzene | | <347 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrw | SW 8270C |
| 1,4-Dichlorobenzene | | <347 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrw | SW 8270C |
| 3,3'-Dichlorobenzidine | | <695 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <695 | jrw | SW 8270C |
| Diethyl phthalate | | <347 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrw | SW 8270C |
| Dimethyl phthalate | | <347 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrw | SW 8270C |
| 2,4-Dinitrotoluene | | <347 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrw | SW 8270C |
| 2,6-Dinitrotoluene | | <347 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrw | SW 8270C |
| Di-n-octylphthalate | | <347 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrw | SW 8270C |
| Fluoranthene | | 644 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrw | SW 8270C |
| Fluorene | | <347 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrw | SW 8270C |
| Hexachlorobenzene | | <347 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrw | SW 8270C |
| Hexachloro-1,3-butadiene | | <347 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrw | SW 8270C |
| Hexachlorocyclopentadiene | | <695 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <695 | jrw | SW 8270C |
| Hexachloroethane | | <347 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrw | SW 8270C |
| Indeno(1,2,3-cd)pyrene | | <347 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrw | SW 8270C |
| Isophorone | | <347 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrw | SW 8270C |
| Naphthalene | | 927 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrw | SW 8270C |
| Nitrobenzene | | <347 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrw | SW 8270C |
| N-Nitrosodi-n-propylamine | | <347 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrw | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------------------------|-----------------------------|--------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | 07/31/2001 10:10 |
| | | | | | 08/09/2001 | 944 | 1455 | <347 | jrjw | SW 8270C | |
| | Phenanthrene | 1,170 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrjw | SW 8270C | |
| | Pyrene | 1,540 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrjw | SW 8270C | |
| | 1,2,4-Trichlorobenzene | <347 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrjw | SW 8270C | |
| | Surrogate: d5-Nitrobenzene | 84 | | % | 08/09/2001 | 944 | 1455 | | jrjw | SW 8270C | |
| | Surrogate: 2-Fluorobiphenyl | 127 | | % | 08/09/2001 | 944 | 1455 | | jrjw | SW 8270C | |
| | Surrogate: d14-Terphenyl | 234 | note | % | 08/09/2001 | 944 | 1455 | | jrjw | SW 8270C | |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | | |
| | Benzoic Acid | <1,740 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <1,740 | jrjw | SW 8270C | |
| | 4-Chloro-3-methylphenol | <347 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrjw | SW 8270C | |
| | 2-Chlorophenol | <347 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrjw | SW 8270C | |
| | 2,4-Dichlorophenol | <347 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrjw | SW 8270C | |
| | 2,4-Dimethylphenol | <347 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrjw | SW 8270C | |
| | 2-Methyl-4,6-dinitrophenol | <347 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrjw | SW 8270C | |
| | 2-Methylphenol | <347 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrjw | SW 8270C | |
| | meta & para-Methylphenol | <347 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrjw | SW 8270C | |
| | 2-Nitrophenol | <347 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrjw | SW 8270C | |
| | Pentachlorophenol | <347 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrjw | SW 8270C | |
| | Phenol | <347 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrjw | SW 8270C | |
| | 2,4,5-Trichlorophenol | <347 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrjw | SW 8270C | |
| | 2,4,6-Trichlorophenol | <347 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <347 | jrjw | SW 8270C | |
| | Surrogate: d6-Phenol | 105 | | % | 08/09/2001 | 944 | 1455 | | jrjw | SW 8270C | |
| | Surrogate: 2-Fluorophenol | 101 | | % | 08/09/2001 | 944 | 1455 | | jrjw | SW 8270C | |
| | Surrogate: Tribromophenol | 91 | | % | 08/09/2001 | 944 | 1455 | | jrjw | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-------------------------------|-------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 697491 | SBI002:HA-3:S000010:412 | | | | | | | | | DATE/TIME TAKEN 07/31/2001 15:30 |
| Dry Weight | 78.7 | | | | 08/10/2001 | | 1474 | | mhg | SM 2540 G. |
| ICP NONAQUEOUS | Complete | | | | 08/13/2001 | | 1206 | Complete | emd | SW 6010B |
| Arsenic, ICP | 114 | mg/kg | dw | | 08/13/2001 | 894 | 2929 | <8.3 | emd | SW 6010B |
| Barium, ICP | 454 | mg/kg | dw | | 08/13/2001 | 894 | 2860 | <1.7 | emd | SW 6010B |
| Cadmium, ICP | <2.5 | mg/kg | dw | | 08/13/2001 | 894 | 2842 | <2.5 | emd | SW 6010B |
| Chromium, ICP | 13.2 | mg/kg | dw | | 08/13/2001 | 894 | 2830 | <3.3 | emd | SW 6010B |
| Lead, ICP | 278 | mg/kg | dw | | 08/13/2001 | 894 | 2831 | <6.6 | emd | SW 6010B |
| Mercury, CVAA | 0.188 | mg/kg | dw | | 08/13/2001 | 604 | 616 | <0.01 | epk | SW 7471A |
| Selenium, ICP | <8.3 | mg/kg | dw | | 08/13/2001 | 894 | 2909 | <8.3 | emd | SW 6010B |
| Silver, ICP | <3.3 | mg/kg | dw | | 08/13/2001 | 894 | 2862 | <3.3 | emd | SW 6010B |
| ICP Digestion, Nonaqueous | Complete | | | | 08/06/2001 | 894 | | Complete | mrt | SW 3050B |
| Mercury Digestion, Non-Aq | Complete | | | | 08/11/2001 | 604 | | Complete | epk | SW 7471A |
| Prep, BNA Non-Aq | Complete | | | | 08/07/2001 | 944 | | Complete | mlr | EPA 625; SW 3540C; SW 3545 |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| Acenaphthene | <419 | ug/kg | dw | | 08/09/2001 | | 1455 | <419 | jrjw | SW 8270C |
| Acenaphthylene | 1,000 | ug/kg | dw | | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C |
| Anthracene | 1,860 | ug/kg | dw | | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C |
| Benzo(a)anthracene | 2,830 | ug/kg | dw | | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C |
| Benzo(b)fluoranthene | <4,190 | ug/kg | dw | | 08/10/2001 | 944 | 1454 | <3,810 | jrjw | SW 8270C |
| Benzo(k)fluoranthene | 1,910 | ug/kg | dw | | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C |
| Benzo(a)pyrene | 3,100 | ug/kg | dw | | 08/09/2001 | 944 | 1455 | <210 | jrjw | SW 8270C |
| Benzyl alcohol | <419 | ug/kg | dw | | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C |
| Benzyl butyl phthalate | <419 | ug/kg | dw | | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C |
| Bis(2-chloroethyl)ether | <419 | ug/kg | dw | | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|------------------------------|--------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | 07/31/2001 15:30 |
| | Bis(2-chloroethoxy)methane | <419 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C | |
| | Bis(2-ethylhexyl)phthalate | <419 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C | |
| | 2,2'-oxybis(1-Chloropropane) | <419 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C | |
| | 4-Bromophenyl phenyl ether | <419 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C | |
| | 4-Chloroaniline | <419 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C | |
| | 2-Chloronaphthalene | <419 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C | |
| | Chrysene | 3,190 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C | |
| | Dibenzo(a,h)anthracene | <210 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <210 | jrjw | SW 8270C | |
| | Dibenzofuran | 914 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C | |
| | 1,2-Dichlorobenzene | <419 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C | |
| | 1,3-Dichlorobenzene | <419 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C | |
| | 1,4-Dichlorobenzene | <419 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C | |
| | 3,3'-Dichlorobenzidine | <839 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <839 | jrjw | SW 8270C | |
| | Diethyl phthalate | <419 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C | |
| | Dimethyl phthalate | <419 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C | |
| | 2,4-Dinitrotoluene | <419 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C | |
| | 2,6-Dinitrotoluene | <419 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C | |
| | Di-n-octylphthalate | <419 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C | |
| | Fluoranthene | 3,770 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <3,680 | jrjw | SW 8270C | |
| | Fluorene | <419 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C | |
| | Hexachlorobenzene | <419 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C | |
| | Hexachloro-1,3-butadiene | <419 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C | |
| | Hexachlorocyclopentadiene | <839 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <839 | jrjw | SW 8270C | |
| | Hexachloroethane | <419 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C | |
| | Indeno(1,2,3-cd)pyrene | 584 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------------------------|-------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 697491 | SBI002:HA-3:S000010:412 | | | | | | | | | | 07/31/2001 15:30 |
| Isophorone | | <419 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C | |
| Naphthalene | | 1,300 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C | |
| Nitrobenzene | | <419 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C | |
| N-Nitrosodi-n-propylamine | | <419 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C | |
| Phenanthrene | | 5,440 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <4,190 | jrjw | SW 8270C | |
| Pyrene | | 4,380 | | ug/kg dw | 08/10/2001 | 944 | 1454 | <4,190 | jrjw | SW 8270C | |
| 1,2,4-Trichlorobenzene | | <419 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C | |
| Surrogate: d5-Nitrobenzene | | 116 | Note | % | 08/09/2001 | 944 | 1455 | | jrjw | SW 8270C | |
| Surrogate: 2-Fluorobiphenyl | | 99 | | % | 08/10/2001 | 944 | 1454 | | jrjw | SW 8270C | |
| Surrogate: d14-Terphenyl | | 92 | | % | 08/10/2001 | 944 | 1454 | | jrjw | SW 8270C | |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | | |
| Benzoic Acid | | <2,100 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <2,100 | jrjw | SW 8270C | |
| 4-Chloro-3-methylphenol | | <419 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C | |
| 2-Chlorophenol | | <419 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C | |
| 2,4-Dichlorophenol | | <419 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C | |
| 2,4-Dimethylphenol | | <419 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C | |
| 2-Methyl-4,6-dinitrophenol | | <419 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C | |
| 2-Methylphenol | | <419 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C | |
| meta & para-Methylphenol | | <419 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C | |
| 2-Nitrophenol | | <419 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C | |
| Pentachlorophenol | | <419 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C | |
| Phenol | | <419 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C | |
| 2,4,5-Trichlorophenol | | <419 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C | |
| 2,4,6-Trichlorophenol | | <419 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <419 | jrjw | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | DATE/TIME TAKEN |
|---------------------------|-------------------------|----------|------|----------|---------------|-------------------|------------------|-----------------|------------------|----------------------------|
| | | | | | | | | | | Method Reference |
| 697491 | SBI002:HA-3:S000010:412 | | | | | | | | | 07/31/2001 15:30 |
| Surrogate: d6-Phenol | | 120 | % | | 08/09/2001 | 944 | 1455 | | jrw | SW 8270C |
| Surrogate: 2-Fluorophenol | | 112 | % | | 08/09/2001 | 944 | 1455 | | jrw | SW 8270C |
| Surrogate: Tribromophenol | | 110 | % | | 08/09/2001 | 944 | 1455 | | jrw | SW 8270C |
| 697492 | SBI002:HA-4:S000010:412 | | | | | | | | | 07/31/2001 16:40 |
| Dry Weight | | 83.7 | % | | 08/10/2001 | | 1474 | | mhg | SM 2540 G. |
| ICP NONAQUEOUS | | Complete | | | 08/13/2001 | | 1206 | Complete | emd | SW 6010B |
| Arsenic, ICP | | 11 | | mg/kg dw | 08/13/2001 | 894 | 2929 | <7.8 | emd | SW 6010B |
| Barium, ICP | | 89.1 | | mg/kg dw | 08/13/2001 | 894 | 2860 | <1.6 | emd | SW 6010B |
| Cadmium, ICP | | <2.4 | | mg/kg dw | 08/13/2001 | 894 | 2842 | <2.4 | emd | SW 6010B |
| Chromium, ICP | | 41 | | mg/kg dw | 08/13/2001 | 894 | 2830 | <3.1 | emd | SW 6010B |
| Lead, ICP | | 45.5 | | mg/kg dw | 08/13/2001 | 894 | 2831 | <6.2 | emd | SW 6010B |
| Mercury, CVAA | | 0.203 | | mg/kg dw | 08/13/2001 | 604 | 616 | <0.008 | epk | SW 7471A |
| Selenium, ICP | | <7.8 | | mg/kg dw | 08/13/2001 | 894 | 2909 | <7.8 | emd | SW 6010B |
| Silver, ICP | | <3.1 | | mg/kg dw | 08/13/2001 | 894 | 2862 | <3.1 | emd | SW 6010B |
| ICP Digestion, Nonaqueous | | Complete | | | 08/06/2001 | 894 | | Complete | nrt | SW 3050B |
| Mercury Digestion, Non-Aq | | Complete | | | 08/11/2001 | 604 | | Complete | epk | SW 7471A |
| Prep, BNA Non-Aq | | Complete | | | 08/07/2001 | 944 | | Complete | mlr | EPA 625; SW 3540C; SW 3545 |

BASE NEUT. COMPS.-8270 Non-aq

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------------------------|-------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 697492 | SBI002:HA-4:S000010:412 | | | | | | | | | DATE/TIME TAKEN 07/31/2001 16:40 |
| Acenaphthene | | <394 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <394 | jrw | SW 8270C |
| Acenaphthylene | | 421 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <394 | jrw | SW 8270C |
| Anthracene | | 410 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <394 | jrw | SW 8270C |
| Benzo(a)anthracene | | 670 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <394 | jrw | SW 8270C |
| Benzo(b)fluoranthene | | 2,450 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <394 | jrw | SW 8270C |
| Benzo(k)fluoranthene | | 633 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <394 | jrw | SW 8270C |
| Benzo(a)pyrene | | 907 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <197 | jrw | SW 8270C |
| Benzyl alcohol | | <394 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <394 | jrw | SW 8270C |
| Benzyl butyl phthalate | | <394 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <394 | jrw | SW 8270C |
| Bis(2-chloroethyl) ether | | <394 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <394 | jrw | SW 8270C |
| Bis(2-chloroethoxy)methane | | <394 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <394 | jrw | SW 8270C |
| Bis(2-ethylhexyl)phthalate | | <394 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <394 | jrw | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <394 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <394 | jrw | SW 8270C |
| 4-Bromophenyl phenyl ether | | <394 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <394 | jrw | SW 8270C |
| 4-Chloroaniline | | <394 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <394 | jrw | SW 8270C |
| 2-Chloronaphthalene | | <394 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <394 | jrw | SW 8270C |
| Chrysene | | 783 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <394 | jrw | SW 8270C |
| Dibenzo(a,h)anthracene | | <197 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <197 | jrw | SW 8270C |
| Dibenzofuran | | <394 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <394 | jrw | SW 8270C |
| 1,2-Dichlorobenzene | | <394 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <394 | jrw | SW 8270C |
| 1,3-Dichlorobenzene | | <394 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <394 | jrw | SW 8270C |
| 1,4-Dichlorobenzene | | <394 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <394 | jrw | SW 8270C |
| 3,3'-Dichlorobenzidine | | <789 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <789 | jrw | SW 8270C |
| Diethyl phthalate | | <394 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <394 | jrw | SW 8270C |
| Dimethyl phthalate | | <394 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <394 | jrw | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
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 6130 Wilcox Rd.
 Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|----------------------------|----------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | |
| 697492 | SBI002:HA-4:S000010:412 | | | | | | | | | | 07/31/2001 16:40 |
| | 2,4-Dichlorophenol | <394 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <394 | jrjw | SW 8270C | |
| | 2,4-Dimethylphenol | <394 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <394 | jrjw | SW 8270C | |
| | 2-Methyl-4,6-dinitrophenol | <394 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <394 | jrjw | SW 8270C | |
| | 2-Methylphenol | <394 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <394 | jrjw | SW 8270C | |
| | meta & para-Methylphenol | <394 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <394 | jrjw | SW 8270C | |
| | 2-Nitrophenol | <394 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <394 | jrjw | SW 8270C | |
| | Pentachlorophenol | <394 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <394 | jrjw | SW 8270C | |
| | Phenol | <394 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <394 | jrjw | SW 8270C | |
| | 2,4,5-Trichlorophenol | <394 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <394 | jrjw | SW 8270C | |
| | 2,4,6-Trichlorophenol | <394 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <394 | jrjw | SW 8270C | |
| | Surrogate: d6-Phenol | 35 | | % | 08/09/2001 | 944 | 1455 | | jrjw | SW 8270C | |
| | Surrogate: 2-Fluorophenol | 32 | | % | 08/09/2001 | 944 | 1455 | | jrjw | SW 8270C | |
| | Surrogate: Tribromophenol | 36 | note | % | 08/09/2001 | 944 | 1455 | | jrjw | SW 8270C | |
| 697493 | SBI002:GS-2:S005010:412 | | | | | | | | | | 08/01/2001 11:25 |
| | Dry Weight | 87.8 | | % | 08/10/2001 | | 1474 | | mhg | SM 2540 G. | |
| | ICP NONAQUEOUS | Complete | | | 08/14/2001 | | 1208 | Complete | emd | SW 6010B | |
| | Arsenic, ICP | <11 | | mg/kg dw | 08/14/2001 | 894 | 2932 | <11 | emd | SW 6010B | |
| | Barium, ICP | 32.7 | | mg/kg dw | 08/13/2001 | 894 | 2860 | <1.5 | emd | SW 6010B | |
| | Cadmium, ICP | <2.3 | | mg/kg dw | 08/13/2001 | 894 | 2842 | <2.3 | emd | SW 6010B | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|--------------------------------|-------------------------|----------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 697493 | SBI002:GS-2:S005010:412 | | | | | | | | | DATE/TIME TAKEN 08/01/2001 11:25 |
| Chromium, ICP | | 17.0 | | mg/kg dw | 08/13/2001 | 894 | 2830 | <3.0 | emd | SW 6010B |
| Lead, ICP | | 240 | | mg/kg dw | 08/13/2001 | 894 | 2831 | <6.0 | emd | SW 6010B |
| Mercury, CVAA | | 0.059 | | mg/kg dw | 08/13/2001 | 604 | 616 | <0.009 | epk | SW 7471A |
| Selenium, ICP | | <7.5 | | mg/kg dw | 08/13/2001 | 894 | 2909 | <7.5 | emd | SW 6010B |
| Silver, ICP | | <3.0 | | mg/kg dw | 08/13/2001 | 894 | 2862 | <3.0 | emd | SW 6010B |
| ICP Digestion, Nonaqueous | | Complete | | | 08/06/2001 | 894 | | Complete | mrt | SW 3050B |
| Mercury Digestion, Non-Aq | | Complete | | | 08/11/2001 | 604 | | Complete | epk | SW 7471A |
| Prep, BNA Non-Aq | | Complete | | | 08/07/2001 | 943 | | Complete | mlr | EPA 625; SW 3540C; SW 3545 |
| Prep, TPH 418.1 Nonaq | | COMPLETE | | | 08/09/2001 | 585 | | Complete | 260 | SW 9071 |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | | Complete | | | 08/07/2001 | | 1450 | Complete | jxc | |
| Acetone | | <114 | | ug/kg dw | 08/07/2001 | | 1450 | <114 | jxc | SW 8260A |
| Benzene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| tert-Butylbenzene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| sec-Butylbenzene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| n-Butylbenzene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Bromochloromethane | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Bromodichloromethane | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Bromoform | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Bromobenzene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| 2-Butanone (MEK) | | <57 | | ug/kg dw | 08/07/2001 | | 1450 | <57 | jxc | SW 8260A |
| Carbon disulfide | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Carbon tetrachloride | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Chlorobenzene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |

ANALYTICAL REPORT

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6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

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| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|-------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 697493 | SBI002:GS-2:S005010:412 | | | | | | | | | DATE/TIME TAKEN 08/01/2001 11:25 |
| Chloroethane | | <11.4 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <11.4 | jxc | SW 8260A |
| 2-Chlorotoluene | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |
| 4-Chlorotoluene | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |
| Chloroform | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |
| Chloromethane | | <11.4 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <11.4 | jxc | SW 8260A |
| Dibromochloromethane | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |
| Dibromomethane | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |
| Dichlorodifluoromethane | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |
| 1,2-Dibromo-3-chloropropane | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |
| 1,2-Dichlorobenzene | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |
| 1,3-Dichlorobenzene | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |
| 1,4-Dichlorobenzene | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |
| 1,1-Dichloroethane | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |
| 1,2-Dichloroethane | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |
| 1,1-Dichloroethene | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |
| cis-1,2-Dichloroethene | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |
| trans-1,2-Dichloroethene | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |
| 1,2-Dichloropropane | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |
| 1,3-Dichloropropane | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |
| 2,2-Dichloropropane | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |
| 1,1-Dichloropropene | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |
| cis-1,3-Dichloropropene | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |
| trans-1,3-Dichloropropene | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |
| Ethylbenzene | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |
| Hexachlorobutadiene | | <5.7 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.7 | jxc | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|-------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 697493 | SBI002:GS-2:S005010:412 | | | | | | | | | DATE/TIME TAKEN 08/01/2001 11:25 |
| n-Hexane | | <22.8 | | ug/kg dw | 08/07/2001 | | 1450 | <22.8 | jxc | SW 8260A |
| 2-Hexanone | | <56.9 | | ug/kg dw | 08/07/2001 | | 1450 | <56.9 | jxc | SW 8260A |
| Isopropylbenzene (Cumene) | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| p-Isopropyltoluene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Bromomethane | | <11.4 | | ug/kg dw | 08/07/2001 | | 1450 | <11.4 | jxc | SW 8260A |
| Methylene Chloride | | <11.4 | | ug/kg dw | 08/07/2001 | | 1450 | <11.4 | jxc | SW 8260A |
| Methyl t-butyl ether (MTBE) | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.0 | bmh | SW 8260A |
| 4-Methyl-2-pentanone (MIBK) | | <56.9 | | ug/kg dw | 08/07/2001 | | 1450 | <56.9 | jxc | SW 8260A |
| n-Propylbenzene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Styrene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Naphthalene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| 1,1,1,2-Tetrachloroethane | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| 1,1,2,2-Tetrachloroethane | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Tetrachloroethene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Toluene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| 1,2,4-Trichlorobenzene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| 1,1,1-Trichloroethane | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| 1,1,2-Trichloroethane | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Trichloroethene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Trichlorofluoromethane | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| 1,2,3-Trichloropropane | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| 1,2,4-Trimethylbenzene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| 1,3,5-Trimethylbenzene | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Vinyl Acetate | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| Vinyl Chloride | | <2.3 | | ug/kg dw | 08/07/2001 | | 1450 | <2.3 | jxc | SW 8260A |

ANALYTICAL REPORT

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6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-------------------------------|-------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | |
| | | | | | | | | | | DATE/TIME TAKEN |
| 697493 | SBI002:GS-2:S005010:412 | | | | | | | | | 08/01/2001 11:25 |
| Xylenes, Total | | <5.7 | | ug/kg dw | 08/07/2001 | | 1450 | <5.7 | jxc | SW 8260A |
| d4-1,2-Dichloroethane (surr) | | 100 | | % | 08/07/2001 | | 1450 | | jxc | SW 8260A |
| Dibromofluoromethane (surr) | | 97 | | % | 08/07/2001 | | 1450 | | jxc | SW 8260A |
| d8-Toluene (surr) | | 97 | | % | 08/07/2001 | | 1450 | | jxc | SW 8260A |
| Bromofluorobenzene (surr) | | 95 | | % | 08/07/2001 | | 1450 | | jxc | SW 8260A |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| Acenaphthene | | <376 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <376 | jrjw | SW 8270C |
| Acenaphthylene | | <376 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <376 | jrjw | SW 8270C |
| Anthracene | | 1,250 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <376 | jrjw | SW 8270C |
| Benzo(a)anthracene | | 1,420 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <376 | jrjw | SW 8270C |
| Benzo(b)fluoranthene | | <3,760 | | ug/kg dw | 08/09/2001 | 943 | 1455 | <2,850 | jrjw | SW 8270C |
| Benzo(k)fluoranthene | | 1,060 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <376 | jrjw | SW 8270C |
| Benzo(a)pyrene | SS | 2,820 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <188 | jrjw | SW 8270C |
| Benzyl alcohol | | <376 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <376 | jrjw | SW 8270C |
| Benzyl butyl phthalate | | <376 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <376 | jrjw | SW 8270C |
| Bis(2-chloroethyl) ether | | <376 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <376 | jrjw | SW 8270C |
| Bis(2-chloroethoxy)methane | | <376 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <376 | jrjw | SW 8270C |
| Bis(2-ethylhexyl)phthalate | | <376 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <376 | jrjw | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <376 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <376 | jrjw | SW 8270C |
| 4-Bromophenyl phenyl ether | | <376 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <376 | jrjw | SW 8270C |
| 4-Chloroaniline | | <376 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <376 | jrjw | SW 8270C |
| 2-Chloronaphthalene | | <376 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <376 | jrjw | SW 8270C |
| Chrysene | | 3,310 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <376 | jrjw | SW 8270C |
| Dibenzo(a,h)anthracene | | <188 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <188 | jrjw | SW 8270C |

ANALYTICAL REPORT

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08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|----------------------------|--------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | 08/01/2001 11:25 |
| | Dibenzofuran | 866 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <376 | jrw | SW 8270C | |
| | 1,2-Dichlorobenzene | <376 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <376 | jrw | SW 8270C | |
| | 1,3-Dichlorobenzene | <376 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <376 | jrw | SW 8270C | |
| | 1,4-Dichlorobenzene | <376 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <376 | jrw | SW 8270C | |
| | 3,3'-Dichlorobenzidine | <752 | SS | ug/kg dw | 08/08/2001 | 943 | 1449 | <752 | jrw | SW 8270C | |
| | Diethyl phthalate | <376 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <376 | jrw | SW 8270C | |
| | Dimethyl phthalate | <376 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <376 | jrw | SW 8270C | |
| | 2,4-Dinitrotoluene | <376 | SS | ug/kg dw | 08/08/2001 | 943 | 1449 | <376 | jrw | SW 8270C | |
| | 2,6-Dinitrotoluene | <376 | SS | ug/kg dw | 08/08/2001 | 943 | 1449 | <376 | jrw | SW 8270C | |
| | Di-n-octylphthalate | <376 | SS | ug/kg dw | 08/08/2001 | 943 | 1449 | <376 | jrw | SW 8270C | |
| | Fluoranthene | <3,760 | | ug/kg dw | 08/09/2001 | 943 | 1455 | <3,420 | jrw | SW 8270C | |
| | Fluorene | <376 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <376 | jrw | SW 8270C | |
| | Hexachlorobenzene | <376 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <376 | jrw | SW 8270C | |
| | Hexachloro-1,3-butadiene | <376 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <376 | jrw | SW 8270C | |
| | Hexachlorocyclopentadiene | <752 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <752 | jrw | SW 8270C | |
| | Hexachloroethane | <376 | SS | ug/kg dw | 08/08/2001 | 943 | 1449 | <376 | jrw | SW 8270C | |
| | Indeno(1,2,3-cd)pyrene | <376 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <376 | jrw | SW 8270C | |
| | Isophorone | <376 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <376 | jrw | SW 8270C | |
| | Naphthalene | 2,640 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <376 | jrw | SW 8270C | |
| | Nitrobenzene | <376 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <376 | jrw | SW 8270C | |
| | N-Nitrosodi-n-propylamine | <376 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <376 | jrw | SW 8270C | |
| | Phenanthrene | 4,850 | | ug/kg dw | 08/09/2001 | 943 | 1455 | <3,760 | jrw | SW 8270C | |
| | Pyrene | 3,190 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <376 | jrw | SW 8270C | |
| | 1,2,4-Trichlorobenzene | <376 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <376 | jrw | SW 8270C | |
| | Surrogate: d5-Nitrobenzene | 86 | | % | 08/08/2001 | 943 | 1449 | | jrw | SW 8270C | |

ANALYTICAL REPORT

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08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|--------------------------------|-------------------------|----------|------|------------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 697496 | SBI002:GS-3:S005010:412 | | | | | | | | | DATE/TIME TAKEN 08/01/2001 11:15 |
| Dry Weight | 95.3 | % | | 08/10/2001 | 1474 | | | mhg | | SM 2540 G. |
| ICP NONAQUEOUS | Complete | | | 08/13/2001 | 1206 | | | Complete | emd | SW 6010B |
| Arsenic, ICP | 33.3 | mg/kg dw | | 08/13/2001 | 894 | 2929 | <6.9 | emd | | SW 6010B |
| Barium, ICP | 115 | mg/kg dw | | 08/13/2001 | 894 | 2860 | <1.4 | emd | | SW 6010B |
| Cadmium, ICP | <2.1 | mg/kg dw | | 08/13/2001 | 894 | 2842 | <2.1 | emd | | SW 6010B |
| Chromium, ICP | 15.5 | mg/kg dw | | 08/13/2001 | 894 | 2830 | <2.7 | emd | | SW 6010B |
| Lead, ICP | 259 | mg/kg dw | | 08/13/2001 | 894 | 2831 | <5.6 | emd | | SW 6010B |
| Mercury, CVAA | 0.058 | mg/kg dw | | 08/13/2001 | 604 | 616 | <0.008 | epk | | SW 7471A |
| Selenium, ICP | <6.9 | mg/kg dw | | 08/13/2001 | 894 | 2909 | <6.9 | emd | | SW 6010B |
| Silver, ICP | <2.7 | mg/kg dw | | 08/13/2001 | 894 | 2862 | <2.7 | emd | | SW 6010B |
| ICP Digestion, Nonaqueous | Complete | | | 08/06/2001 | 894 | | | Complete | mrt | SW 3050B |
| Mercury Digestion, Non-Aq | Complete | | | 08/11/2001 | 604 | | | Complete | epk | SW 7471A |
| Prep, BNA Non-Aq | Complete | | | 08/07/2001 | 943 | | | Complete | mlr | EPA 625; SW 3540C; SW 3545 |
| Prep, TPH 418.1 Nonaq | COMPLETE | | | 08/09/2001 | 585 | | | Complete | 260 | SW 9071 |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | Complete | | | 08/09/2001 | 1455 | | | Complete | bmh | |
| Acetone | <105 | ug/kg dw | | 08/09/2001 | 1455 | | <105 | bmh | | SW 8260A |
| Benzene | <5.2 | ug/kg dw | | 08/09/2001 | 1455 | | <5.2 | bmh | | SW 8260A |
| tert-Butylbenzene | <5.2 | ug/kg dw | | 08/09/2001 | 1455 | | <5.2 | bmh | | SW 8260A |
| sec-Butylbenzene | <5.2 | ug/kg dw | | 08/09/2001 | 1455 | | <5.2 | bmh | | SW 8260A |
| n-Butylbenzene | <5.2 | ug/kg dw | | 08/09/2001 | 1455 | | <5.2 | bmh | | SW 8260A |
| Bromochloromethane | <5.2 | ug/kg dw | | 08/09/2001 | 1455 | | <5.2 | bmh | | SW 8260A |
| Bromodichloromethane | <5.2 | ug/kg dw | | 08/09/2001 | 1455 | | <5.2 | bmh | | SW 8260A |
| Bromoform | <5.2 | ug/kg dw | | 08/09/2001 | 1455 | | <5.2 | bmh | | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|-------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 697496 | SBI002:GS-3:S005010:412 | | | | | | | | | DATE/TIME TAKEN 08/01/2001 11:15 |
| Bromobenzene | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| 2-Butanone (MEK) | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| Carbon disulfide | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| Carbon tetrachloride | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| Chlorobenzene | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| Chloroethane | | <10.5 | | ug/kg dw | 08/09/2001 | | 1455 | <10.5 | bmh | SW 8260A |
| 2-Chlorotoluene | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| 4-Chlorotoluene | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| Chloroform | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| Chloromethane | | <10.5 | | ug/kg dw | 08/09/2001 | | 1455 | <10.5 | bmh | SW 8260A |
| Dibromochloromethane | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| Dibromomethane | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| Dichlorodifluoromethane | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| 1,2-Dibromo-3-chloropropane | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| 1,2-Dichlorobenzene | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| 1,3-Dichlorobenzene | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| 1,4-Dichlorobenzene | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| 1,1-Dichloroethane | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| 1,2-Dichloroethane | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| 1,1-Dichloroethene | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| cis-1,2-Dichloroethene | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| trans-1,2-Dichloroethene | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| 1,2-Dichloropropane | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| 1,3-Dichloropropane | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| 2,2-Dichloropropane | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC: (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 697496 | SBI002:GS-3:S005010:412 | | | | | | | | | | 08/01/2001 11:15 |
| | 1,1-Dichloropropene | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A | |
| | cis-1,3-Dichloropropene | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A | |
| | trans-1,3-Dichloropropene | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A | |
| | Ethylbenzene | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A | |
| | Hexachlorobutadiene | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <21.0 | bmh | SW 8260A | |
| | n-Hexane | <21.0 | | ug/kg dw | 08/09/2001 | | 1455 | <52.5 | bmh | SW 8260A | |
| | 2-Hexanone | <52.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A | |
| | Isopropylbenzene (Cumene) | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A | |
| | p-Isopropyltoluene | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A | |
| | Bromomethane | <10.5 | | ug/kg dw | 08/09/2001 | | 1455 | <10.5 | bmh | SW 8260A | |
| | Methylene Chloride | <10.5 | | ug/kg dw | 08/09/2001 | | 1455 | <10.5 | bmh | SW 8260A | |
| | Methyl t-butyl ether (MTBE) | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <52.5 | bmh | SW 8260A | |
| | 4-Methyl-2-pentanone (MIBK) | <52.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A | |
| | n-Propylbenzene | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A | |
| | Styrene | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A | |
| | Naphthalene | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A | |
| | 1,1,1,2-Tetrachloroethane | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A | |
| | 1,1,2,2-Tetrachloroethane | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A | |
| | Tetrachloroethene | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A | |
| | Toluene | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A | |
| | 1,2,4-Trichlorobenzene | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A | |
| | 1,1,1-Trichloroethane | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A | |
| | 1,1,2-Trichloroethane | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A | |
| | Trichloroethene | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A | |
| | Trichlorofluoromethane | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-------------------------------|-------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 697496 | SBI002:GS-3:S005010:412 | | | | | | | | | DATE/TIME TAKEN 08/01/2001 11:15 |
| 1,2,3-Trichloropropane | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| 1,2,4-Trimethylbenzene | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| 1,3,5-Trimethylbenzene | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| Vinyl Acetate | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| Vinyl Chloride | | <2.1 | | ug/kg dw | 08/09/2001 | | 1455 | <2.1 | bmh | SW 8260A |
| Xylenes, Total | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| d4-1,2-Dichloroethane (surr) | | 103 | | % | 08/09/2001 | | 1455 | | bmh | SW 8260A |
| Dibromofluoromethane (surr) | | 104 | | % | 08/09/2001 | | 1455 | | bmh | SW 8260A |
| d8-Toluene (surr) | | 96 | | % | 08/09/2001 | | 1455 | | bmh | SW 8260A |
| Bromofluorobenzene (surr) | | 95 | | % | 08/09/2001 | | 1455 | | bmh | SW 8260A |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| Acenaphthene | | <346 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <346 | jrjw | SW 8270C |
| Acenaphthylene | | <346 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <346 | jrjw | SW 8270C |
| Anthracene | | <346 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <346 | jrjw | SW 8270C |
| Benzo (a) anthracene | | 379 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <346 | jrjw | SW 8270C |
| Benzo (b) fluoranthene | | 562 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <346 | jrjw | SW 8270C |
| Benzo (k) fluoranthene | | <346 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <346 | jrjw | SW 8270C |
| Benzo (a) pyrene | | 269 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <173 | jrjw | SW 8270C |
| Benzyl alcohol | | <346 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <346 | jrjw | SW 8270C |
| Benzyl butyl phthalate | | <346 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <346 | jrjw | SW 8270C |
| Bis (2-chloroethyl) ether | | <346 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <346 | jrjw | SW 8270C |
| Bis (2-chloroethoxy) methane | | <346 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <346 | jrjw | SW 8270C |
| Bis (2-ethylhexyl) phthalate | | <346 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <346 | jrjw | SW 8270C |
| 2,2'-oxybis (1-Chloropropane) | | <346 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <346 | jrjw | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
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6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|----------------------------|-------------------------|----------|------------|-------|----------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 697496 | SBI002:GS-3:S005010:412 | | | | | | | | | DATE/TIME TAKEN 08/01/2001 11:15 |
| 4-Bromophenyl phenyl ether | <346 | ug/kg dw | 08/08/2001 | 943 | 1449 | <346 | jrw | SW 8270C | | |
| 4-Chloroaniline | <346 | ug/kg dw | 08/08/2001 | 943 | 1449 | <346 | jrw | SW 8270C | | |
| 2-Chloronaphthalene | <346 | ug/kg dw | 08/08/2001 | 943 | 1449 | <346 | jrw | SW 8270C | | |
| Chrysene | 445 | ug/kg dw | 08/08/2001 | 943 | 1449 | <346 | jrw | SW 8270C | | |
| Dibenzo (a,h)anthracene | <173 | ug/kg dw | 08/08/2001 | 943 | 1449 | <173 | jrw | SW 8270C | | |
| Dibenzofuran | <346 | ug/kg dw | 08/08/2001 | 943 | 1449 | <346 | jrw | SW 8270C | | |
| 1,2-Dichlorobenzene | <346 | ug/kg dw | 08/08/2001 | 943 | 1449 | <346 | jrw | SW 8270C | | |
| 1,3-Dichlorobenzene | <346 | ug/kg dw | 08/08/2001 | 943 | 1449 | <346 | jrw | SW 8270C | | |
| 1,4-Dichlorobenzene | <346 | ug/kg dw | 08/08/2001 | 943 | 1449 | <346 | jrw | SW 8270C | | |
| 3,3'-Dichlorobenzidine | <693 | ug/kg dw | 08/08/2001 | 943 | 1449 | <693 | jrw | SW 8270C | | |
| Diethyl phthalate | <346 | ug/kg dw | 08/08/2001 | 943 | 1449 | <346 | jrw | SW 8270C | | |
| Dimethyl phthalate | <346 | ug/kg dw | 08/08/2001 | 943 | 1449 | <346 | jrw | SW 8270C | | |
| 2,4-Dinitrotoluene | <346 | ug/kg dw | 08/08/2001 | 943 | 1449 | <346 | jrw | SW 8270C | | |
| 2,6-Dinitrotoluene | <346 | ug/kg dw | 08/08/2001 | 943 | 1449 | <346 | jrw | SW 8270C | | |
| Di-n-octylphthalate | <346 | ug/kg dw | 08/08/2001 | 943 | 1449 | <346 | jrw | SW 8270C | | |
| Fluoranthene | 598 | ug/kg dw | 08/08/2001 | 943 | 1449 | <346 | jrw | SW 8270C | | |
| Fluorene | <346 | ug/kg dw | 08/08/2001 | 943 | 1449 | <346 | jrw | SW 8270C | | |
| Hexachlorobenzene | <346 | ug/kg dw | 08/08/2001 | 943 | 1449 | <346 | jrw | SW 8270C | | |
| Hexachloro-1,3-butadiene | <346 | ug/kg dw | 08/08/2001 | 943 | 1449 | <346 | jrw | SW 8270C | | |
| Hexachlorocyclopentadiene | <693 | ug/kg dw | 08/08/2001 | 943 | 1449 | <693 | jrw | SW 8270C | | |
| Hexachloroethane | <346 | ug/kg dw | 08/08/2001 | 943 | 1449 | <346 | jrw | SW 8270C | | |
| Indeno (1,2,3-cd) pyrene | <346 | ug/kg dw | 08/08/2001 | 943 | 1449 | <346 | jrw | SW 8270C | | |
| Isophorone | <346 | ug/kg dw | 08/08/2001 | 943 | 1449 | <346 | jrw | SW 8270C | | |
| Naphthalene | 363 | ug/kg dw | 08/08/2001 | 943 | 1449 | <346 | jrw | SW 8270C | | |
| Nitrobenzene | <346 | ug/kg dw | 08/08/2001 | 943 | 1449 | <346 | jrw | SW 8270C | | |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference |
|--------------------------|----------|----------|---------------------------|-------------------|------------------|------------------------|------------------|-----------------------------|
| SAMPLE NO. | | | SAMPLE DESCRIPTION | | | DATE/TIME TAKEN | | |
| 697496 | | | SBI002:GS-3:S005010:412 | | | 08/01/2001 11:15 | | |
| TPH - FTIR Non-aq | <50 | mg/kg dw | 08/09/2001 | 585 | 618 | <50 | 260 | 418.1 |
| SAMPLE NO. | | | SAMPLE DESCRIPTION | | | DATE/TIME TAKEN | | |
| 697497 | | | SBI002:FB1:505 | | | 08/01/2001 17:00 | | |
| ICPMS TOTAL METALS | Complete | | 08/10/2001 | | 2444 | Complete | kmb | SW 6020 |
| Arsenic, ICPMS | <0.0050 | mg/L | 08/10/2001 | 1796 | 3542 | <0.0050 | kmb | SW 6020 |
| Barium, ICPMS | <0.0050 | mg/L | 08/10/2001 | 1796 | 3752 | <0.0050 | kmb | SW 6020 |
| Cadmium, ICPMS | <0.0010 | mg/L | 08/10/2001 | 1796 | 3422 | <0.0010 | kmb | SW 6020 |
| Chromium, ICPMS (0.005) | <0.0050 | mg/L | 08/10/2001 | 1796 | 3800 | <0.0050 | kmb | SW 6020 |
| Lead, ICPMS | <0.0010 | mg/L | 08/10/2001 | 1796 | 3499 | <0.0010 | kmb | SW 6020 |
| Mercury, CVAA | <0.0002 | mg/L | 08/07/2001 | 1360 | 1299 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | <0.0050 | mg/L | 08/26/2001 | 728 | 561 | <0.0050 | lnh | SW 7740 |
| Silver, ICPMS | <0.0005 | mg/L | 08/10/2001 | 1796 | 3756 | <0.0005 | kmb | SW 6020 |
| Metals Digestion, ICPMS | Complete | | 08/07/2001 | 1796 | | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | Complete | | 08/06/2001 | 728 | | Complete | mrt | SW 3020A |
| Manual Mercury Digestion | Complete | | 08/06/2001 | 1360 | | Complete | clm | SW 7470A |
| Prep, Base Neutral | Complete | | 08/02/2001 | 1251 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, Acid Extractable | Complete | | 08/02/2001 | 1251 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, TPH - 418.1 aq | COMPLETE | | 08/10/2001 | 592 | | Complete | 260 | EPA 418.1 |

VOLATILE COMPOUNDS - 8260 (AQ)

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|--------------------|----------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 697497 | SBI002:FB1:505 | | | | | | | | | DATE/TIME TAKEN 08/01/2001 17:00 |
| 8260 - SW846 (AQ) | | Complete | | | 08/10/2001 | | 3472 | Complete | bmh | |
| Acetone | | <20.0 | | ug/L | 08/10/2001 | | 3472 | <20.0 | bmh | SW 8260A |
| Benzene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| tert-Butylbenzene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| sec-Butylbenzene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| n-Butylbenzene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| Bromochloromethane | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| Bromodichloromethane | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| Bromoform | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| Bromobenzene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| 2-Butanone (MEK) | | <12.5 | | ug/L | 08/10/2001 | | 3472 | <12.5 | bmh | SW 8260A |
| Carbon disulfide | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| Carbon tetrachloride | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| Chlorobenzene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| Chloroethane | | <5.0 | | ug/L | 08/10/2001 | | 3472 | <5.0 | bmh | SW 8260A |
| 2-Chlorotoluene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| 4-Chlorotoluene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| Chloroform | | 1.8 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| Chloromethane | | <5.0 | | ug/L | 08/10/2001 | | 3472 | <5.0 | bmh | SW 8260A |
| Dibromochloromethane | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| Dibromomethane | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| Dichlorodifluoromethane | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| 1,2-Dibromo-3-chloropropane | | <5.0 | | ug/L | 08/10/2001 | | 3472 | <5.0 | bmh | SW 8260A |
| 1,2-Dichlorobenzene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| 1,3-Dichlorobenzene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|--------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 697497 | SBI002:FB1:505 | | | | | | | | | DATE/TIME TAKEN 08/01/2001 17:00 |
| 1,4-Dichlorobenzene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| 1,1-Dichloroethane | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| 1,2-Dichloroethane | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| 1,1-Dichloroethene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| cis-1,2-Dichloroethene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| trans-1,2-Dichloroethene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| 1,2-Dichloropropane | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| 1,3-Dichloropropane | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| 2,2-Dichloropropane | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| 1,1-Dichloropropene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| cis-1,3-Dichloropropene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| trans-1,3-Dichloropropene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| Ethylbenzene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <5.0 | bmh | SW 8260A |
| Hexachlorobutadiene | | <5.0 | | ug/L | 08/10/2001 | | 3472 | <5.0 | bmh | SW 8260A |
| n-Hexane | | <5.0 | | ug/L | 08/10/2001 | | 3472 | <12.5 | bmh | SW 8260A |
| 2-Hexanone | | <12.5 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| Isopropylbenzene (Cumene) | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| p-Isopropyltoluene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| Bromomethane | | <5.0 | | ug/L | 08/10/2001 | | 3472 | <5.0 | bmh | SW 8260A |
| Methylene Chloride | | <5.0 | | ug/L | 08/10/2001 | | 3472 | <5.0 | bmh | SW 8260A |
| Methyl t-butyl ether (MTBE) | | <5.0 | | ug/L | 08/10/2001 | | 3472 | <5.0 | bmh | SW 8260A |
| 4-Methyl-2-pentanone (MIBK) | | <12.5 | | ug/L | 08/10/2001 | | 3472 | <12.5 | bmh | SW 8260A |
| n-Propylbenzene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| Styrene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| Naphthalene | | <5.0 | | ug/L | 08/10/2001 | | 3472 | <5.0 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference | DATE/TIME TAKEN |
|------------------------------|--------------------|--------|------|-------|------------|-------|-------|-----------|---------|------------------|------------------|
| | | | | | Analyzed | Batch | Batch | | Number | | |
| 697497 | SBI002:FB1:505 | | | | | | | | | | 08/01/2001 17:00 |
| 1,1,1,2-Tetrachloroethane | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| 1,1,2,2-Tetrachloroethane | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| Tetrachloroethene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| Toluene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| 1,2,4-Trichlorobenzene | | <5.0 | | ug/L | 08/10/2001 | | 3472 | <5.0 | bmh | SW 8260A | |
| 1,1,1-Trichloroethane | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| 1,1,2-Trichloroethane | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| Trichloroethene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| Trichlorofluoromethane | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| 1,2,3-Trichloropropane | | <5.0 | | ug/L | 08/10/2001 | | 3472 | <5.0 | bmh | SW 8260A | |
| 1,2,4-Trimethylbenzene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| Vinyl Acetate | | <5.0 | | ug/L | 08/10/2001 | | 3472 | <5.0 | bmh | SW 8260A | |
| Vinyl Chloride | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| Xylenes | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| d4-1,2-Dichloroethane (surr) | | 97 | | % | 08/10/2001 | | 3472 | | bmh | SW 8260A | |
| Dibromofluoromethane (surr) | | 99 | | % | 08/10/2001 | | 3472 | | bmh | SW 8260A | |
| d8-Toluene (surr) | | 99 | | % | 08/10/2001 | | 3472 | | bmh | SW 8260A | |
| Bromofluorobenzene (surr) | | 102 | note | % | 08/10/2001 | | 3472 | | bmh | SW 8260A | |
| BASE NEUTRAL COMP. (AQ) | 8270 | | | | | | | | | | |
| Acenaphthene | | <10 | | ug/L | 08/16/2001 | 1251 | 2653 | <10 | jrw | SW 8270C | |
| Acenaphthylene | | <10 | | ug/L | 08/16/2001 | 1251 | 2653 | <10 | jrw | SW 8270C | |
| Anthracene | | <10 | | ug/L | 08/16/2001 | 1251 | 2653 | <10 | jrw | SW 8270C | |
| Benzo(a)anthracene | | <10 | | ug/L | 08/16/2001 | 1251 | 2653 | <10 | jrw | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|------------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 697497 | SBI002:FB1:505 | | | | | | | | | | 08/01/2001 17:00 |
| | Benzo(b)fluoranthene | <10 | | ug/L | 08/16/2001 | 1251 | 2653 | <10 | jrjw | SW 8270C | |
| | Benzo(k)fluoranthene | <10 | | ug/L | 08/16/2001 | 1251 | 2653 | <10 | jrjw | SW 8270C | |
| | Benzo(a)pyrene | <10 | | ug/L | 08/16/2001 | 1251 | 2653 | <10 | jrjw | SW 8270C | |
| | Benzyl alcohol | <10 | | ug/L | 08/16/2001 | 1251 | 2653 | <10 | jrjw | SW 8270C | |
| | Benzyl butyl phthalate | <10 | | ug/L | 08/16/2001 | 1251 | 2653 | <10 | jrjw | SW 8270C | |
| | bis(2-Chloroethyl)ether | <10 | | ug/L | 08/16/2001 | 1251 | 2653 | <10 | jrjw | SW 8270C | |
| | bis(2-Chloroethoxy)methane | <10 | | ug/L | 08/16/2001 | 1251 | 2653 | <10 | jrjw | SW 8270C | |
| | bis(2-Ethylhexyl)phthalate | <10 | | ug/L | 08/16/2001 | 1251 | 2653 | <10 | jrjw | SW 8270C | |
| | 2,2'-oxybis(1-Chloropropane) | <10 | | ug/L | 08/16/2001 | 1251 | 2653 | <10 | jrjw | SW 8270C | |
| | 4-Bromophenyl phenyl ether | <10 | | ug/L | 08/16/2001 | 1251 | 2653 | <10 | jrjw | SW 8270C | |
| | 4-Chloroaniline | <10 | | ug/L | 08/16/2001 | 1251 | 2653 | <10 | jrjw | SW 8270C | |
| | 2-Chloronaphthalene | <10 | | ug/L | 08/16/2001 | 1251 | 2653 | <10 | jrjw | SW 8270C | |
| | Chrysene | <10 | | ug/L | 08/16/2001 | 1251 | 2653 | <10 | jrjw | SW 8270C | |
| | Dibenzo(a,h)anthracene | <10 | | ug/L | 08/16/2001 | 1251 | 2653 | <10 | jrjw | SW 8270C | |
| | Dibenzofuran | <10 | | ug/L | 08/16/2001 | 1251 | 2653 | <10 | jrjw | SW 8270C | |
| | 1,2-Dichlorobenzene | <10 | | ug/L | 08/16/2001 | 1251 | 2653 | <10 | jrjw | SW 8270C | |
| | 1,3-Dichlorobenzene | <10 | | ug/L | 08/16/2001 | 1251 | 2653 | <10 | jrjw | SW 8270C | |
| | 1,4-Dichlorobenzene | <10 | | ug/L | 08/16/2001 | 1251 | 2653 | <10 | jrjw | SW 8270C | |
| | 3,3'-Dichlorobenzidine | <50 | | ug/L | 08/16/2001 | 1251 | 2653 | <50 | jrjw | SW 8270C | |
| | Diethyl phthalate | <10 | | ug/L | 08/16/2001 | 1251 | 2653 | <10 | jrjw | SW 8270C | |
| | Dimethyl phthalate | <10 | | ug/L | 08/16/2001 | 1251 | 2653 | <10 | jrjw | SW 8270C | |
| | 2,4-Dinitrotoluene | <10 | | ug/L | 08/16/2001 | 1251 | 2653 | <10 | jrjw | SW 8270C | |
| | 2,6-Dinitrotoluene | <10 | | ug/L | 08/16/2001 | 1251 | 2653 | <10 | jrjw | SW 8270C | |
| | Di-n-octylphthalate | <10 | | ug/L | 08/16/2001 | 1251 | 2653 | <10 | jrjw | SW 8270C | |
| | Fluoranthene | <10 | | ug/L | 08/16/2001 | 1251 | 2653 | <10 | jrjw | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method | Reference |
|--------------------------------|--------------------|----------|------|-------|------------|-------|-------|-----------|----------|----------|-----------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | | |
| 697498 | SBI002:TB1 | | | | | | | | | | |
| DATE/TIME TAKEN | | | | | | | | | | | |
| 08/01/2001 | | | | | | | | | | | |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | | |
| 8260 - SW846 (AQ) | | Complete | | | 08/10/2001 | | 3472 | Complete | bmh | | |
| Acetone | | <20.0 | | ug/L | 08/10/2001 | | 3472 | <20.0 | bmh | SW 8260A | |
| Benzene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| tert-Butylbenzene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| sec-Butylbenzene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| n-Butylbenzene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| Bromochloromethane | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| Bromodichloromethane | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| Bromoform | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| Bromobenzene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| 2-Butanone (MEK) | | <12.5 | | ug/L | 08/10/2001 | | 3472 | <12.5 | bmh | SW 8260A | |
| Carbon disulfide | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| Carbon tetrachloride | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| Chlorobenzene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| Chloroethane | | <5.0 | | ug/L | 08/10/2001 | | 3472 | <5.0 | bmh | SW 8260A | |
| 2-Chlorotoluene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| 4-Chlorotoluene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| Chloroform | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| Chloromethane | | <5.0 | | ug/L | 08/10/2001 | | 3472 | <5.0 | bmh | SW 8260A | |
| Dibromochloromethane | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| Dibromomethane | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| Dichlorodifluoromethane | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| 1,2-Dibromo-3-chloropropane | | <5.0 | | ug/L | 08/10/2001 | | 3472 | <5.0 | bmh | SW 8260A | |
| 1,2-Dichlorobenzene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|--------------------|--------|------|-------|------------|-------|-------|-----------|----------|------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| | | | | | | | | | | DATE/TIME TAKEN |
| 697498 | SBI002:TB1 | | | | | | | | | 08/01/2001 |
| 1,3-Dichlorobenzene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| 1,4-Dichlorobenzene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| 1,1-Dichloroethane | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| 1,2-Dichloroethane | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| 1,1-Dichloroethene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| cis-1,2-Dichloroethene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| trans-1,2-Dichloroethene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| 1,2-Dichloropropane | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| 1,3-Dichloropropane | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| 2,2-Dichloropropane | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| 1,1-Dichloropropene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| cis-1,3-Dichloropropene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| trans-1,3-Dichloropropene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| Ethylbenzene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <5.0 | bmh | SW 8260A |
| Hexachlorobutadiene | | <5.0 | | ug/L | 08/10/2001 | | 3472 | <5.0 | bmh | SW 8260A |
| n-Hexane | | <5.0 | | ug/L | 08/10/2001 | | 3472 | <5.0 | bmh | SW 8260A |
| 2-Hexanone | | <12.5 | | ug/L | 08/10/2001 | | 3472 | <12.5 | bmh | SW 8260A |
| Isopropylbenzene (Cumene) | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| p-Isopropyltoluene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| Bromomethane | | <5.0 | | ug/L | 08/10/2001 | | 3472 | <5.0 | bmh | SW 8260A |
| Methylene Chloride | | <5.0 | | ug/L | 08/10/2001 | | 3472 | <5.0 | bmh | SW 8260A |
| Methyl t-butyl ether (MTBE) | | <5.0 | | ug/L | 08/10/2001 | | 3472 | <5.0 | bmh | SW 8260A |
| 4-Methyl-2-pentanone (MIBK) | | <12.5 | | ug/L | 08/10/2001 | | 3472 | <12.5 | bmh | SW 8260A |
| n-Propylbenzene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| Styrene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method | Reference |
|------------|------------------------------|--------|------|-------|------------|-------|-------|-----------|----------|----------|-------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | | |
| 697498 | SBI002:TB1 | | | | | | | | | | DATE/TIME TAKEN 08/01/2001 |
| | Naphthalene | <5.0 | | ug/L | 08/10/2001 | | 3472 | <5.0 | bmh | SW 8260A | |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| | Tetrachloroethene | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| | Toluene | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 08/10/2001 | | 3472 | <5.0 | bmh | SW 8260A | |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| | Trichloroethene | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| | Trichlorofluoromethane | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 08/10/2001 | | 3472 | <5.0 | bmh | SW 8260A | |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| | Vinyl Acetate | <5.0 | | ug/L | 08/10/2001 | | 3472 | <5.0 | bmh | SW 8260A | |
| | Vinyl Chloride | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| | Xylenes | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| | d4-1,2-Dichloroethane (surr) | 92 | | % | 08/10/2001 | | 3472 | | bmh | SW 8260A | |
| | Dibromofluoromethane (surr) | 92 | | % | 08/10/2001 | | 3472 | | bmh | SW 8260A | |
| | d8-Toluene (surr) | 99 | | % | 08/10/2001 | | 3472 | | bmh | SW 8260A | |
| | Bromofluorobenzene (surr) | 102 | note | % | 08/10/2001 | | 3472 | | bmh | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|--------------------------------|--------------------------|----------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 697499 | SBI002:GS-3D:S005010:412 | | | | | | | | | DATE/TIME TAKEN 08/01/2001 11:15 |
| Dry Weight | 96.0 | % | | | 08/10/2001 | | 1474 | | emd | SM 2540 G. |
| ICP NONAQUEOUS | Complete | | | | 08/13/2001 | | 1206 | Complete | emd | SW 6010B |
| Arsenic, ICP | <10 | mg/kg dw | | | 08/13/2001 | 894 | 2929 | <10 | emd | SW 6010B |
| Barium, ICP | 80.3 | mg/kg dw | | | 08/13/2001 | 894 | 2860 | <2.1 | emd | SW 6010B |
| Cadmium, ICP | <3.1 | mg/kg dw | | | 08/13/2001 | 894 | 2842 | <3.1 | emd | SW 6010B |
| Chromium, ICP | 80.2 | mg/kg dw | | | 08/13/2001 | 894 | 2830 | <4.2 | emd | SW 6010B |
| Lead, ICP | 38.6 | mg/kg dw | | | 08/13/2001 | 894 | 2831 | <8.3 | emd | SW 6010B |
| Mercury, CVAA | 0.054 | mg/kg dw | | | 08/13/2001 | 604 | 616 | <0.008 | epk | SW 7471A |
| Selenium, ICP | <10 | mg/kg dw | | | 08/13/2001 | 894 | 2909 | <10 | emd | SW 6010B |
| Silver, ICP | <4.2 | mg/kg dw | | | 08/13/2001 | 894 | 2862 | <4.2 | emd | SW 6010B |
| ICP Digestion, Nonaqueous | Complete | | | | 08/06/2001 | 894 | | Complete | nrt | SW 3050B |
| Mercury Digestion, Non-Aq | Complete | | | | 08/11/2001 | 604 | | Complete | epk | SW 7471A |
| Prep, BNA Non-Aq | Complete | | | | 08/07/2001 | 943 | | Complete | mlr | EPA 625; SW 3540C; SW 3545 |
| Prep, TPH 418.1 Nonaq | COMPLETE | | | | 08/09/2001 | 585 | | Complete | 260 | SW 9071 |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | Complete | | | | 08/09/2001 | | 1455 | Complete | bmh | |
| Acetone | <104 | ug/kg dw | | | 08/09/2001 | | 1455 | <104 | bmh | SW 8260A |
| Benzene | <5.2 | ug/kg dw | | | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| tert-Butylbenzene | <5.2 | ug/kg dw | | | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| sec-Butylbenzene | <5.2 | ug/kg dw | | | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| n-Butylbenzene | <5.2 | ug/kg dw | | | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| Bromochloromethane | <5.2 | ug/kg dw | | | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| Bromodichloromethane | <5.2 | ug/kg dw | | | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| Bromoform | <5.2 | ug/kg dw | | | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|--------------------------|--------|------|----------|------------|--------------|--------------|-----------|----------|------------------|
| | | | | | Analyzed | Batch Number | Batch Number | Limit | Initials | |
| | | | | | | | | | | DATE/TIME TAKEN |
| 697499 | SBI002:GS-3D:S005010:412 | | | | | | | | | 08/01/2001 11:15 |
| 1,1-Dichloropropene | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| cis-1,3-Dichloropropene | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| trans-1,3-Dichloropropene | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| Ethylbenzene | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| Hexachlorobutadiene | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| n-Hexane | | <20.8 | | ug/kg dw | 08/09/2001 | | 1455 | <20.8 | bmh | SW 8260A |
| 2-Hexanone | | <52.1 | | ug/kg dw | 08/09/2001 | | 1455 | <52.1 | bmh | SW 8260A |
| Isopropylbenzene (Cumene) | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| p-Isopropyltoluene | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| Bromomethane | | <10.4 | | ug/kg dw | 08/09/2001 | | 1455 | <10.4 | bmh | SW 8260A |
| Methylene Chloride | | <10.4 | | ug/kg dw | 08/09/2001 | | 1455 | <10.4 | bmh | SW 8260A |
| Methyl t-butyl ether (MTBE) | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| 4-Methyl-2-pentanone (MIBK) | | <52.1 | | ug/kg dw | 08/09/2001 | | 1455 | <52.1 | bmh | SW 8260A |
| n-Propylbenzene | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| Styrene | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| Naphthalene | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| 1,1,1,2-Tetrachloroethane | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| 1,1,2,2-Tetrachloroethane | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| Tetrachloroethene | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| Toluene | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| 1,2,4-Trichlorobenzene | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| 1,1,1-Trichloroethane | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| 1,1,2-Trichloroethane | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| Trichloroethene | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |
| Trichlorofluoromethane | | <5.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.2 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
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6130 Wilcox Rd.
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08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|----------------------------|--------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 697499 | SBI002:GS-3D:S005010:412 | | | | | | | | | DATE/TIME TAKEN 08/01/2001 11:15 |
| 4-Bromophenyl phenyl ether | | <344 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <344 | jrw | SW 8270C |
| 4-Chloroaniline | | <344 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <344 | jrw | SW 8270C |
| 2-Chloronaphthalene | | <344 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <344 | jrw | SW 8270C |
| Chrysene | | <344 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <344 | jrw | SW 8270C |
| Dibenzo(a,h)anthracene | | <172 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <172 | jrw | SW 8270C |
| Dibenzofuran | | <344 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <344 | jrw | SW 8270C |
| 1,2-Dichlorobenzene | | <344 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <344 | jrw | SW 8270C |
| 1,3-Dichlorobenzene | | <344 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <344 | jrw | SW 8270C |
| 1,4-Dichlorobenzene | | <344 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <344 | jrw | SW 8270C |
| 3,3'-Dichlorobenzidine | | <688 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <688 | jrw | SW 8270C |
| Diethyl phthalate | | <344 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <344 | jrw | SW 8270C |
| Dimethyl phthalate | | <344 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <344 | jrw | SW 8270C |
| 2,4-Dinitrotoluene | | <344 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <344 | jrw | SW 8270C |
| 2,6-Dinitrotoluene | | <344 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <344 | jrw | SW 8270C |
| Di-n-octylphthalate | | <344 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <344 | jrw | SW 8270C |
| Fluoranthene | | <344 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <344 | jrw | SW 8270C |
| Fluorene | | <344 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <344 | jrw | SW 8270C |
| Hexachlorobenzene | | <344 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <344 | jrw | SW 8270C |
| Hexachloro-1,3-butadiene | | <344 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <344 | jrw | SW 8270C |
| Hexachlorocyclopentadiene | | <688 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <688 | jrw | SW 8270C |
| Hexachloroethane | | <344 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <344 | jrw | SW 8270C |
| Indeno(1,2,3-cd)pyrene | | <344 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <344 | jrw | SW 8270C |
| Isophorone | | <344 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <344 | jrw | SW 8270C |
| Naphthalene | | <344 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <344 | jrw | SW 8270C |
| Nitrobenzene | | <344 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <344 | jrw | SW 8270C |

ANALYTICAL REPORT

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08/27/2001

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| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------------------------|-----------------------------|--------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | 08/01/2001 11:15 |
| | N-Nitrosodi-n-propylamine | <344 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <344 | jrw | SW 8270C | |
| | Phenanthrene | 409 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <344 | jrw | SW 8270C | |
| | Pyrene | 351 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <344 | jrw | SW 8270C | |
| | 1,2,4-Trichlorobenzene | <344 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <344 | jrw | SW 8270C | |
| | Surrogate: d5-Nitrobenzene | 75 | | % | 08/08/2001 | 943 | 1449 | | jrw | SW 8270C | |
| | Surrogate: 2-Fluorobiphenyl | 85 | | % | 08/08/2001 | 943 | 1449 | | jrw | SW 8270C | |
| | Surrogate: d14-Terphenyl | 128 | | % | 08/08/2001 | 943 | 1449 | | jrw | SW 8270C | |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | | |
| | Benzoic Acid | <1,720 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <1,720 | jrw | SW 8270C | |
| | 4-Chloro-3-methylphenol | <344 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <344 | jrw | SW 8270C | |
| | 2-Chlorophenol | <344 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <344 | jrw | SW 8270C | |
| | 2,4-Dichlorophenol | <344 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <344 | jrw | SW 8270C | |
| | 2,4-Dimethylphenol | <344 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <344 | jrw | SW 8270C | |
| | 2-Methyl-4,6-dinitrophenol | <344 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <344 | jrw | SW 8270C | |
| | 2-Methylphenol | <344 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <344 | jrw | SW 8270C | |
| | meta & para-Methylphenol | <344 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <344 | jrw | SW 8270C | |
| | 2-Nitrophenol | <344 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <344 | jrw | SW 8270C | |
| | Pentachlorophenol | <344 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <344 | jrw | SW 8270C | |
| | Phenol | <344 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <344 | jrw | SW 8270C | |
| | 2,4,5-Trichlorophenol | <344 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <344 | jrw | SW 8270C | |
| | 2,4,6-Trichlorophenol | <344 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <344 | jrw | SW 8270C | |
| | Surrogate: d6-Phenol | 73 | | % | 08/08/2001 | 943 | 1449 | | jrw | SW 8270C | |
| | Surrogate: 2-Fluorophenol | 71 | | % | 08/08/2001 | 943 | 1449 | | jrw | SW 8270C | |
| | Surrogate: Tribromophenol | 69 | note | % | 08/08/2001 | 943 | 1449 | | jrw | SW 8270C | |

ANALYTICAL REPORT

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6130 Wilcox Rd.
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08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference |
|---------------------------------------|----------|----------|---------------------------|-------------------|------------------|------------------------|------------------|----------------------------|
| SAMPLE NO. | | | SAMPLE DESCRIPTION | | | DATE/TIME TAKEN | | |
| 697499 | | | SBI002:GS-3D:S005010:412 | | | 08/01/2001 11:15 | | |
| TPH - FTIR Non-aq | <50 | mg/kg dw | 08/09/2001 | 585 | 618 | <50 | 260 | 418.1 |
| SAMPLE NO. | | | SAMPLE DESCRIPTION | | | DATE/TIME TAKEN | | |
| 697500 | | | SBI002:HMW4S:S000020:428 | | | 08/01/2001 09:20 | | |
| Dry Weight | 86.1 | % | 08/10/2001 | | 1474 | | mhg | SM 2540 G. |
| ICP NONAQUEOUS | Complete | | 08/13/2001 | | 1206 | Complete | emd | SW 6010B |
| Arsenic, ICP | 15.8 | mg/kg dw | 08/13/2001 | 894 | 2929 | <11 | emd | SW 6010B |
| Barium, ICP | 215 | mg/kg dw | 08/13/2001 | 894 | 2860 | <2.3 | emd | SW 6010B |
| Cadmium, ICP | <3.4 | mg/kg dw | 08/13/2001 | 894 | 2842 | <3.4 | emd | SW 6010B |
| Chromium, ICP | 11 | mg/kg dw | 08/13/2001 | 894 | 2830 | <4.5 | emd | SW 6010B |
| Lead, ICP | 426 | mg/kg dw | 08/13/2001 | 894 | 2831 | <9.1 | emd | SW 6010B |
| Mercury, CVAA | 1.10 | mg/kg dw | 08/13/2001 | 604 | 616 | <0.038 | epk | SW 7471A |
| Selenium, ICP | <11 | mg/kg dw | 08/13/2001 | 894 | 2909 | <11 | emd | SW 6010B |
| Silver, ICP | <4.5 | mg/kg dw | 08/13/2001 | 894 | 2862 | <4.5 | emd | SW 6010B |
| ICP Digestion, Nonaqueous | Complete | | 08/06/2001 | 894 | | Complete | mrt | SW 3050B |
| Mercury Digestion, Non-Aq | Complete | | 08/11/2001 | 604 | | Complete | epk | SW 7471A |
| Prep, BNA Non-Aq | Complete | | 08/07/2001 | 943 | | Complete | mlr | EPA 625; SW 3540C; SW 3545 |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | |
| 8260 - SW846 (Non-aq) | Complete | | 08/09/2001 | | 1455 | Complete | bmh | |
| Acetone | <116 | ug/kg dw | 08/09/2001 | | 1455 | <116 | bmh | SW 8260A |

ANALYTICAL REPORT

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 6130 Wilcox Rd.
 Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|-----------------------------|--------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 697500 | SBI002:HMW4S:S000020:428 | | | | | | | | | DATE/TIME TAKEN 08/01/2001 09:20 |
| Benzene | | <5.8 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.8 | bmh | SW 8260A |
| tert-Butylbenzene | | <5.8 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.8 | bmh | SW 8260A |
| sec-Butylbenzene | | <5.8 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.8 | bmh | SW 8260A |
| n-Butylbenzene | | <5.8 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.8 | bmh | SW 8260A |
| Bromochloromethane | | <5.8 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.8 | bmh | SW 8260A |
| Bromodichloromethane | | <5.8 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.8 | bmh | SW 8260A |
| Bromoform | | <5.8 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.8 | bmh | SW 8260A |
| Bromobenzene | | <5.8 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.8 | bmh | SW 8260A |
| 2-Butanone (MEK) | | <58 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <58 | bmh | SW 8260A |
| Carbon disulfide | | <5.8 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.8 | bmh | SW 8260A |
| Carbon tetrachloride | | <5.8 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.8 | bmh | SW 8260A |
| Chlorobenzene | | <5.8 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.8 | bmh | SW 8260A |
| Chloroethane | | <11.6 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <11.6 | bmh | SW 8260A |
| 2-Chlorotoluene | | <5.8 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.8 | bmh | SW 8260A |
| 4-Chlorotoluene | | <5.8 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.8 | bmh | SW 8260A |
| Chloroform | | <5.8 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.8 | bmh | SW 8260A |
| Chloromethane | | <11.6 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <11.6 | bmh | SW 8260A |
| Dibromochloromethane | | <5.8 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.8 | bmh | SW 8260A |
| Dibromomethane | | <5.8 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.8 | bmh | SW 8260A |
| Dichlorodifluoromethane | | <5.8 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.8 | bmh | SW 8260A |
| 1,2-Dibromo-3-chloropropane | | <5.8 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.8 | bmh | SW 8260A |
| 1,2-Dichlorobenzene | | <5.8 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.8 | bmh | SW 8260A |
| 1,3-Dichlorobenzene | | <5.8 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.8 | bmh | SW 8260A |
| 1,4-Dichlorobenzene | | <5.8 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.8 | bmh | SW 8260A |
| 1,1-Dichloroethane | | <5.8 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.8 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|--------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 697500 | SBI002:HMW4S:S000020:428 | | | | | | | | | DATE/TIME TAKEN 08/01/2001 09:20 |
| Tetrachloroethene | | <5.8 | | ug/kg dw | 08/09/2001 | | 1455 | <5.8 | bmh | SW 8260A |
| Toluene | | <5.8 | | ug/kg dw | 08/09/2001 | | 1455 | <5.8 | bmh | SW 8260A |
| 1,2,4-Trichlorobenzene | | <5.8 | | ug/kg dw | 08/09/2001 | | 1455 | <5.8 | bmh | SW 8260A |
| 1,1,1-Trichloroethane | | <5.8 | | ug/kg dw | 08/09/2001 | | 1455 | <5.8 | bmh | SW 8260A |
| 1,1,2-Trichloroethane | | <5.8 | | ug/kg dw | 08/09/2001 | | 1455 | <5.8 | bmh | SW 8260A |
| Trichloroethene | | <5.8 | | ug/kg dw | 08/09/2001 | | 1455 | <5.8 | bmh | SW 8260A |
| Trichlorofluoromethane | | <5.8 | | ug/kg dw | 08/09/2001 | | 1455 | <5.8 | bmh | SW 8260A |
| 1,2,3-Trichloropropane | | <5.8 | | ug/kg dw | 08/09/2001 | | 1455 | <5.8 | bmh | SW 8260A |
| 1,2,4-Trimethylbenzene | | <5.8 | | ug/kg dw | 08/09/2001 | | 1455 | <5.8 | bmh | SW 8260A |
| 1,3,5-Trimethylbenzene | | <5.8 | | ug/kg dw | 08/09/2001 | | 1455 | <5.8 | bmh | SW 8260A |
| Vinyl Acetate | | <5.8 | | ug/kg dw | 08/09/2001 | | 1455 | <5.8 | bmh | SW 8260A |
| Vinyl Chloride | | <2.3 | | ug/kg dw | 08/09/2001 | | 1455 | <2.3 | bmh | SW 8260A |
| Xylenes, Total | | <5.8 | | ug/kg dw | 08/09/2001 | | 1455 | <5.8 | bmh | SW 8260A |
| d4-1,2-Dichloroethane (surr) | 102 | | | ‡ | 08/09/2001 | | 1455 | | bmh | SW 8260A |
| Dibromofluoromethane (surr) | 99 | | | ‡ | 08/09/2001 | | 1455 | | bmh | SW 8260A |
| d8-Toluene (surr) | 96 | | | ‡ | 08/09/2001 | | 1455 | | bmh | SW 8260A |
| Bromofluorobenzene (surr) | 95 | | | ‡ | 08/09/2001 | | 1455 | | bmh | SW 8260A |
| BASE NEUT. COMPS. -8270 Non-aq | | | | | | | | | | |
| Acenaphthene | | <383 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <383 | jrw | SW 8270C |
| Acenaphthylene | | <383 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <383 | jrw | SW 8270C |
| Anthracene | | 466 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <383 | jrw | SW 8270C |
| Benzo(a)anthracene | | 1,120 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <383 | jrw | SW 8270C |
| Benzo(b)fluoranthene | | 1,610 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <383 | jrw | SW 8270C |
| Benzo(k)fluoranthene | | 531 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <383 | jrw | SW 8270C |

ANALYTICAL REPORT

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08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------------------------|--------------------------|--------|------|------------|---------------|--------------|--------------|-----------------|----------|--|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 697500 | SBI002:HMW4S:S000020:428 | | | | | | | | | |
| | | | | | | | | | | DATE/TIME TAKEN 08/01/2001 09:20 |
| Benzo(a)pyrene | 913 | ug/kg | dw | 08/08/2001 | 943 | 1449 | <192 | jrw | SW 8270C | |
| Benzyl alcohol | <383 | ug/kg | dw | 08/08/2001 | 943 | 1449 | <383 | jrw | SW 8270C | |
| Benzyl butyl phthalate | <383 | ug/kg | dw | 08/08/2001 | 943 | 1449 | <383 | jrw | SW 8270C | |
| Bis(2-chloroethyl) ether | <383 | ug/kg | dw | 08/08/2001 | 943 | 1449 | <383 | jrw | SW 8270C | |
| Bis(2-chloroethoxy)methane | <383 | ug/kg | dw | 08/08/2001 | 943 | 1449 | <383 | jrw | SW 8270C | |
| Bis(2-ethylhexyl)phthalate | <383 | ug/kg | dw | 08/08/2001 | 943 | 1449 | <383 | jrw | SW 8270C | |
| 2,2'-oxybis(1-Chloropropane) | <383 | ug/kg | dw | 08/08/2001 | 943 | 1449 | <383 | jrw | SW 8270C | |
| 4-Bromophenyl phenyl ether | <383 | ug/kg | dw | 08/08/2001 | 943 | 1449 | <383 | jrw | SW 8270C | |
| 4-Chloroaniline | <383 | ug/kg | dw | 08/08/2001 | 943 | 1449 | <383 | jrw | SW 8270C | |
| 2-Chloronaphthalene | <383 | ug/kg | dw | 08/08/2001 | 943 | 1449 | <383 | jrw | SW 8270C | |
| Chrysene | 1,030 | ug/kg | dw | 08/08/2001 | 943 | 1449 | <383 | jrw | SW 8270C | |
| Dibenzo(a,h)anthracene | <192 | ug/kg | dw | 08/08/2001 | 943 | 1449 | <192 | jrw | SW 8270C | |
| Dibenzofuran | <383 | ug/kg | dw | 08/08/2001 | 943 | 1449 | <383 | jrw | SW 8270C | |
| 1,2-Dichlorobenzene | <383 | ug/kg | dw | 08/08/2001 | 943 | 1449 | <383 | jrw | SW 8270C | |
| 1,3-Dichlorobenzene | <383 | ug/kg | dw | 08/08/2001 | 943 | 1449 | <383 | jrw | SW 8270C | |
| 1,4-Dichlorobenzene | <383 | ug/kg | dw | 08/08/2001 | 943 | 1449 | <383 | jrw | SW 8270C | |
| 3,3'-Dichlorobenzidine | <767 | ug/kg | dw | 08/08/2001 | 943 | 1449 | <767 | jrw | SW 8270C | |
| Diethyl phthalate | <383 | ug/kg | dw | 08/08/2001 | 943 | 1449 | <383 | jrw | SW 8270C | |
| Dimethyl phthalate | <383 | ug/kg | dw | 08/08/2001 | 943 | 1449 | <383 | jrw | SW 8270C | |
| 2,4-Dinitrotoluene | <383 | ug/kg | dw | 08/08/2001 | 943 | 1449 | <383 | jrw | SW 8270C | |
| 2,6-Dinitrotoluene | <383 | ug/kg | dw | 08/08/2001 | 943 | 1449 | <383 | jrw | SW 8270C | |
| Di-n-octylphthalate | <383 | ug/kg | dw | 08/08/2001 | 943 | 1449 | <383 | jrw | SW 8270C | |
| Fluoranthene | 1,850 | ug/kg | dw | 08/08/2001 | 943 | 1449 | <383 | jrw | SW 8270C | |
| Fluorene | <383 | ug/kg | dw | 08/08/2001 | 943 | 1449 | <383 | jrw | SW 8270C | |
| Hexachlorobenzene | <383 | ug/kg | dw | 08/08/2001 | 943 | 1449 | <383 | jrw | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|--------------------------------|----------|------|----------|---------------|-------------------|------------------|-----------------|------------------|----------------------------|------------------|
| | | | | | | | | | | | |
| 697500 | SBI002:HMW4S:S000020:428 | | | | | | | | | | 08/01/2001 09:20 |
| | Pentachlorophenol | <383 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <383 | jrw | SW 8270C | |
| | Phenol | <383 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <383 | jrw | SW 8270C | |
| | 2,4,5-Trichlorophenol | <383 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <383 | jrw | SW 8270C | |
| | 2,4,6-Trichlorophenol | <383 | | ug/kg dw | 08/08/2001 | 943 | 1449 | <383 | jrw | SW 8270C | |
| | Surrogate: d6-Phenol | 65 | | % | 08/08/2001 | 943 | 1449 | | jrw | SW 8270C | |
| | Surrogate: 2-Fluorophenol | 55 | | % | 08/08/2001 | 943 | 1449 | | jrw | SW 8270C | |
| | Surrogate: Tribromophenol | 60 | note | % | 08/08/2001 | 943 | 1449 | | jrw | SW 8270C | |
| | TPH - GRO (Non-Aqueous) | <6 | | mg/kg dw | 08/06/2001 | | 245 | <6 | meh | SW 8015M | |
| 697501 | SBI002:HMW5S:S000020:428 | | | | | | | | | | 08/01/2001 12:45 |
| | Dry Weight | 93.3 | | % | 08/10/2001 | | 1474 | | mhg | SM 2540 G. | |
| | Prep, BNA Non-Aq | Complete | | | 08/07/2001 | 944 | | Complete | mLr | EPA 625; SW 3540C; SW 3545 | |
| | Prep, TPH 418.1 Nonaq | COMPLETE | | | 08/09/2001 | 585 | | Complete | 260 | SW 9071 | |
| | VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| | 8260 - SW846 (Non-aq) | Complete | | | 08/07/2001 | | 1450 | Complete | jxc | | |
| | Acetone | <107 | | ug/kg dw | 08/07/2001 | | 1450 | <107 | jxc | SW 8260A | |
| | Benzene | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A | |
| | tert-Butylbenzene | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A | |
| | sec-Butylbenzene | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 697501 | SBI002:HMW5S:S000020:428 | | | | | | | | | DATE/TIME TAKEN 08/01/2001 12:45 |
| | n-Butylbenzene | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| | Bromochloromethane | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| | Bromodichloromethane | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| | Bromoform | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| | Bromobenzene | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| | 2-Butanone (MEK) | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| | Carbon disulfide | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| | Carbon tetrachloride | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| | Chlorobenzene | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| | Chloroethane | <10.7 | | ug/kg dw | 08/07/2001 | | 1450 | <10.7 | jxc | SW 8260A |
| | 2-Chlorotoluene | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| | 4-Chlorotoluene | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| | Chloroform | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| | Chloromethane | <10.7 | | ug/kg dw | 08/07/2001 | | 1450 | <10.7 | jxc | SW 8260A |
| | Dibromochloromethane | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| | Dibromomethane | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| | Dichlorodifluoromethane | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| | 1,2-Dibromo-3-chloropropane | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| | 1,2-Dichlorobenzene | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| | 1,3-Dichlorobenzene | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| | 1,4-Dichlorobenzene | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| | 1,1-Dichloroethane | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| | 1,2-Dichloroethane | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| | 1,1-Dichloroethene | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| | cis-1,2-Dichloroethene | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------|-----------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 697501 | SBI002:HMW5S:S000020:428 | | | | | | | | | DATE/TIME TAKEN 08/01/2001 12:45 |
| | trans-1,2-Dichloroethene | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| | 1,2-Dichloropropane | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| | 1,3-Dichloropropane | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| | 2,2-Dichloropropane | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| | 1,1-Dichloropropene | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| | cis-1,3-Dichloropropene | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| | trans-1,3-Dichloropropene | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| | Ethylbenzene | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| | Hexachlorobutadiene | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| | n-Hexane | <21.4 | | ug/kg dw | 08/07/2001 | | 1450 | <21.4 | jxc | SW 8260A |
| | 2-Hexanone | <53.6 | | ug/kg dw | 08/07/2001 | | 1450 | <53.6 | jxc | SW 8260A |
| | Isopropylbenzene (Cumene) | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| | p-Isopropyltoluene | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| | Bromomethane | <10.7 | | ug/kg dw | 08/07/2001 | | 1450 | <10.7 | jxc | SW 8260A |
| | Methylene Chloride | <10.7 | | ug/kg dw | 08/07/2001 | | 1450 | <10.7 | jxc | SW 8260A |
| | Methyl t-butyl ether (MTBE) | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | bmh | SW 8260A |
| | 4-Methyl-2-pentanone (MIBK) | <53.6 | | ug/kg dw | 08/07/2001 | | 1450 | <53.6 | jxc | SW 8260A |
| | n-Propylbenzene | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| | Styrene | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| | Naphthalene | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| | 1,1,1,2-Tetrachloroethane | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| | 1,1,2,2-Tetrachloroethane | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| | Tetrachloroethene | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| | Toluene | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| | 1,2,4-Trichlorobenzene | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-------------------------------|--------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 697501 | SBI002:HMW5S:S000020:428 | | | | | | | | | DATE/TIME TAKEN 08/01/2001 12:45 |
| 1,1,1-Trichloroethane | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| 1,1,2-Trichloroethane | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| Trichloroethene | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| Trichlorofluoromethane | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| 1,2,3-Trichloropropane | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| 1,2,4-Trimethylbenzene | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| 1,3,5-Trimethylbenzene | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| Vinyl Acetate | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| Vinyl Chloride | | <2.1 | | ug/kg dw | 08/07/2001 | | 1450 | <2.1 | jxc | SW 8260A |
| Xylenes, Total | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| d4-1,2-Dichloroethane (surr) | | 99 | | % | 08/07/2001 | | 1450 | | jxc | SW 8260A |
| Dibromofluoromethane (surr) | | 95 | | % | 08/07/2001 | | 1450 | | jxc | SW 8260A |
| d8-Toluene (surr) | | 97 | | % | 08/07/2001 | | 1450 | | jxc | SW 8260A |
| Bromofluorobenzene (surr) | | 98 | | % | 08/07/2001 | | 1450 | | jxc | SW 8260A |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| Acenaphthene | | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| Acenaphthylene | | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| Anthracene | | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| Benzo(a)anthracene | | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| Benzo(b)fluoranthene | | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| Benzo(k)fluoranthene | | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| Benzo(a)pyrene | | <177 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <177 | jrw | SW 8270C |
| Benzyl alcohol | | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| Benzyl butyl phthalate | | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|------------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 697501 | SBI002:HMW5S:S000020:428 | | | | | | | | | DATE/TIME TAKEN 08/01/2001 12:45 |
| | Bis(2-chloroethyl)ether | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| | Bis(2-chloroethoxy)methane | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| | Bis(2-ethylhexyl)phthalate | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| | 2,2'-oxybis(1-Chloropropane) | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| | 4-Bromophenyl phenyl ether | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| | 4-Chloroaniline | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| | 2-Chloronaphthalene | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| | Chrysene | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| | Dibenzo(a,h)anthracene | <177 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <177 | jrw | SW 8270C |
| | Dibenzofuran | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| | 1,2-Dichlorobenzene | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| | 1,3-Dichlorobenzene | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| | 1,4-Dichlorobenzene | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| | 3,3'-Dichlorobenzidine | <707 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <707 | jrw | SW 8270C |
| | Diethyl phthalate | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| | Dimethyl phthalate | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| | 2,4-Dinitrotoluene | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| | 2,6-Dinitrotoluene | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| | Di-n-octylphthalate | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| | Fluoranthene | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| | Fluorene | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| | Hexachlorobenzene | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| | Hexachloro-1,3-butadiene | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| | Hexachlorocyclopentadiene | <707 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <707 | jrw | SW 8270C |
| | Hexachloroethane | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------------------------|-----------------------------|--------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | 08/01/2001 12:45 |
| | Indeno(1,2,3-cd)pyrene | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C | |
| | Isophorone | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C | |
| | Naphthalene | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C | |
| | Nitrobenzene | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C | |
| | N-Nitrosodi-n-propylamine | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C | |
| | Phenanthrene | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C | |
| | Pyrene | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C | |
| | 1,2,4-Trichlorobenzene | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C | |
| | Surrogate: d5-Nitrobenzene | 82 | | % | 08/09/2001 | 944 | 1455 | | jrw | SW 8270C | |
| | Surrogate: 2-Fluorobiphenyl | 88 | | % | 08/09/2001 | 944 | 1455 | | jrw | SW 8270C | |
| | Surrogate: d14-Terphenyl | 78 | | % | 08/09/2001 | 944 | 1455 | | jrw | SW 8270C | |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | | |
| | Benzoic Acid | <1,770 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <1,770 | jrw | SW 8270C | |
| | 4-Chloro-3-methylphenol | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C | |
| | 2-Chlorophenol | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C | |
| | 2,4-Dichlorophenol | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C | |
| | 2,4-Dimethylphenol | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C | |
| | 2-Methyl-4,6-dinitrophenol | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C | |
| | 2-Methylphenol | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C | |
| | meta & para-Methylphenol | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C | |
| | 2-Nitrophenol | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C | |
| | Pentachlorophenol | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C | |
| | Phenol | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C | |
| | 2,4,5-Trichlorophenol | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|---------------------------|----------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | DATE/TIME TAKEN |
| 697501 | SBI002:HMW5S:S000020:428 | | | | | | | | | | 08/01/2001 12:45 |
| | 2,4,6-Trichlorophenol | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrj | SW 8270C | |
| | Surrogate: d6-Phenol | 77 | | % | 08/09/2001 | 944 | 1455 | | jrj | SW 8270C | |
| | Surrogate: 2-Fluorophenol | 72 | | % | 08/09/2001 | 944 | 1455 | | jrj | SW 8270C | |
| | Surrogate: Tribromophenol | 75 | | % | 08/09/2001 | 944 | 1455 | | jrj | SW 8270C | |
| | TPH - FTIR Non-aq | 160 | | mg/kg dw | 08/09/2001 | 585 | 618 | <50 | 260 | 418.1 | |
| 697502 | SBI002:HMW3S:S060070:428 | | | | | | | | | | 08/01/2001 07:25 |
| | Dry Weight | 93.0 | | % | 08/10/2001 | | 1474 | | mhg | SM 2540 G. | |
| | ICP NONAQUEOUS | Complete | | | 08/13/2001 | | 1206 | Complete | emd | SW 6010B | |
| | Arsenic, ICP | <6.9 | | mg/kg dw | 08/13/2001 | 894 | 2929 | <6.9 | emd | SW 6010B | |
| | Barium, ICP | 26.6 | | mg/kg dw | 08/13/2001 | 894 | 2860 | <1.4 | emd | SW 6010B | |
| | Cadmium, ICP | <2.0 | | mg/kg dw | 08/13/2001 | 894 | 2842 | <2.0 | emd | SW 6010B | |
| | Chromium, ICP | 7.8 | | mg/kg dw | 08/13/2001 | 894 | 2830 | <2.7 | emd | SW 6010B | |
| | Lead, ICP | 27.8 | | mg/kg dw | 08/13/2001 | 894 | 2831 | <5.5 | emd | SW 6010B | |
| | Mercury, CVAA | 0.018 | | mg/kg dw | 08/13/2001 | 604 | 616 | <0.008 | epk | SW 7471A | |
| | Selenium, ICP | <6.9 | | mg/kg dw | 08/13/2001 | 894 | 2909 | <6.9 | emd | SW 6010B | |
| | Silver, ICP | <2.7 | | mg/kg dw | 08/13/2001 | 894 | 2862 | <2.7 | emd | SW 6010B | |
| | ICP Digestion, Nonaqueous | Complete | | | 08/06/2001 | 894 | | Complete | mrt | SW 3050B | |
| | Mercury Digestion, Non-Aq | Complete | | | 08/11/2001 | 604 | | Complete | epk | SW 7471A | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|--------------------------------|--------------------------|----------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 697502 | SBI002:HMW3S:S060070:428 | | | | | | | | | |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | | Complete | | | 08/07/2001 | | 1450 | Complete | jxc | |
| Acetone | | <108 | | ug/kg dw | 08/07/2001 | | 1450 | <108 | jxc | SW 8260A |
| Benzene | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| tert-Butylbenzene | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| sec-Butylbenzene | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| n-Butylbenzene | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| Bromochloromethane | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| Bromodichloromethane | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| Bromoform | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| Bromobenzene | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| 2-Butanone (MEK) | | <54 | | ug/kg dw | 08/07/2001 | | 1450 | <54 | jxc | SW 8260A |
| Carbon disulfide | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| Carbon tetrachloride | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| Chlorobenzene | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| Chloroethane | | <10.8 | | ug/kg dw | 08/07/2001 | | 1450 | <10.8 | jxc | SW 8260A |
| 2-Chlorotoluene | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| 4-Chlorotoluene | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| Chloroform | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| Chloromethane | | <10.8 | | ug/kg dw | 08/07/2001 | | 1450 | <10.8 | jxc | SW 8260A |
| Dibromochloromethane | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| Dibromomethane | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| Dichlorodifluoromethane | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| 1,2-Dibromo-3-chloropropane | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| 1,2-Dichlorobenzene | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |

DATE/TIME TAKEN
08/01/2001 07:25

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|-----------------------------|--------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 697502 | SBI002:HMW3S:S060070:428 | | | | | | | | | | 08/01/2001 07:25 |
| 1,3-Dichlorobenzene | | <5.4 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.4 | jxc | SW 8260A | |
| 1,4-Dichlorobenzene | | <5.4 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.4 | jxc | SW 8260A | |
| 1,1-Dichloroethane | | <5.4 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.4 | jxc | SW 8260A | |
| 1,2-Dichloroethane | | <5.4 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.4 | jxc | SW 8260A | |
| 1,1-Dichloroethene | | <5.4 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.4 | jxc | SW 8260A | |
| cis-1,2-Dichloroethene | | <5.4 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.4 | jxc | SW 8260A | |
| trans-1,2-Dichloroethene | | <5.4 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.4 | jxc | SW 8260A | |
| 1,2-Dichloropropane | | <5.4 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.4 | jxc | SW 8260A | |
| 1,3-Dichloropropane | | <5.4 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.4 | jxc | SW 8260A | |
| 2,2-Dichloropropane | | <5.4 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.4 | jxc | SW 8260A | |
| 1,1-Dichloropropene | | <5.4 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.4 | jxc | SW 8260A | |
| cis-1,3-Dichloropropene | | <5.4 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.4 | jxc | SW 8260A | |
| trans-1,3-Dichloropropene | | <5.4 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.4 | jxc | SW 8260A | |
| Ethylbenzene | | <5.4 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.4 | jxc | SW 8260A | |
| Hexachlorobutadiene | | <5.4 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.4 | jxc | SW 8260A | |
| n-Hexane | | <21.5 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <21.5 | jxc | SW 8260A | |
| 2-Hexanone | | <53.8 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <53.8 | jxc | SW 8260A | |
| Isopropylbenzene (Cumene) | | <5.4 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.4 | jxc | SW 8260A | |
| p-Isopropyltoluene | | <5.4 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.4 | jxc | SW 8260A | |
| Bromomethane | | <10.8 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <10.8 | jxc | SW 8260A | |
| Methylene Chloride | | <10.8 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <10.8 | jxc | SW 8260A | |
| Methyl t-butyl ether (MTBE) | | <5.4 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.4 | bmh | SW 8260A | |
| 4-Methyl-2-pentanone (MIBK) | | <53.8 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <53.8 | jxc | SW 8260A | |
| n-Propylbenzene | | <5.4 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.4 | jxc | SW 8260A | |
| Styrene | | <5.4 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.4 | jxc | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|------------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 697502 | SBI002:HMW3S:S060070:428 | | | | | | | | | | 08/01/2001 07:25 |
| | Naphthalene | <5.4 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.4 | jxc | SW 8260A | |
| | 1,1,1,2-Tetrachloroethane | <5.4 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.4 | jxc | SW 8260A | |
| | 1,1,2,2-Tetrachloroethane | <5.4 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.4 | jxc | SW 8260A | |
| | Tetrachloroethene | <5.4 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.4 | jxc | SW 8260A | |
| | Toluene | <5.4 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.4 | jxc | SW 8260A | |
| | 1,2,4-Trichlorobenzene | <5.4 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.4 | jxc | SW 8260A | |
| | 1,1,1-Trichloroethane | <5.4 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.4 | jxc | SW 8260A | |
| | 1,1,2-Trichloroethane | <5.4 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.4 | jxc | SW 8260A | |
| | Trichloroethene | <5.4 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.4 | jxc | SW 8260A | |
| | Trichlorofluoromethane | <5.4 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.4 | jxc | SW 8260A | |
| | 1,2,3-Trichloropropane | <5.4 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.4 | jxc | SW 8260A | |
| | 1,2,4-Trimethylbenzene | <5.4 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.4 | jxc | SW 8260A | |
| | 1,3,5-Trimethylbenzene | <5.4 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.4 | jxc | SW 8260A | |
| | Vinyl Acetate | <5.4 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.4 | jxc | SW 8260A | |
| | Vinyl Chloride | <2.2 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <2.2 | jxc | SW 8260A | |
| | Xylenes, Total | <5.4 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.4 | jxc | SW 8260A | |
| | d4-1,2-Dichloroethane (surr) | 98 | | % | 08/07/2001 | 1450 | 1450 | | jxc | SW 8260A | |
| | Dibromofluoromethane (surr) | 97 | | % | 08/07/2001 | 1450 | 1450 | | jxc | SW 8260A | |
| | d8-Toluene (surr) | 97 | | % | 08/07/2001 | 1450 | 1450 | | jxc | SW 8260A | |
| | Bromofluorobenzene (surr) | 93 | | % | 08/07/2001 | 1450 | 1450 | | jxc | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|--------------------|--------------------------------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | 08/01/2001 07:30 |
| | | Dry Weight | | % | 08/10/2001 | | 1474 | | mhg | SM 2540 G. | |
| | | ICP NONAQUEOUS | | Complete | 08/13/2001 | | 1206 | Complete | emd | SW 6010B | |
| | | Arsenic, ICP | | <6.7 | 08/13/2001 | 894 | 2929 | <6.7 | emd | SW 6010B | |
| | | Barium, ICP | | 8.0 | 08/13/2001 | 894 | 2860 | <1.3 | emd | SW 6010B | |
| | | Cadmium, ICP | | <2.0 | 08/13/2001 | 894 | 2842 | <2.0 | emd | SW 6010B | |
| | | Chromium, ICP | | 7.3 | 08/13/2001 | 894 | 2830 | <2.7 | emd | SW 6010B | |
| | | Lead, ICP | | 6.1 | 08/13/2001 | 894 | 2831 | <5.4 | emd | SW 6010B | |
| | | Mercury, CVAA | | <0.008 | 08/13/2001 | 604 | 616 | <0.008 | epk | SW 7471A | |
| | | Selenium, ICP | | <6.7 | 08/13/2001 | 894 | 2909 | <6.7 | emd | SW 6010B | |
| | | Silver, ICP | | <2.7 | 08/13/2001 | 894 | 2862 | <2.7 | emd | SW 6010B | |
| | | ICP Digestion, Nonaqueous | | Complete | 08/06/2001 | 894 | | Complete | mrt | SW 3050B | |
| | | Mercury Digestion, Non-Aq | | Complete | 08/11/2001 | 604 | | Complete | epk | SW 7471A | |
| | | VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | |
| | | 8260 - SW846 (Non-aq) | | Complete | 08/07/2001 | | 1450 | Complete | jxc | | |
| | | Acetone | | <104 | 08/07/2001 | | 1450 | <104 | jxc | SW 8260A | |
| | | Benzene | | <5.2 | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| | | tert-Butylbenzene | | <5.2 | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| | | sec-Butylbenzene | | <5.2 | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| | | n-Butylbenzene | | <5.2 | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| | | Bromochloromethane | | <5.2 | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| | | Bromodichloromethane | | <5.2 | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| | | Bromoform | | <5.2 | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| | | Bromobenzene | | <5.2 | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| | | 2-Butanone (MEK) | | <52 | 08/07/2001 | | 1450 | <52 | jxc | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|--------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 697503 | SBI002:HMW3S:S060085:428 | | | | | | | | | DATE/TIME TAKEN 08/01/2001 07:30 |
| Carbon disulfide | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| Carbon tetrachloride | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| Chlorobenzene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| Chloroethane | | <10.4 | | ug/kg dw | 08/07/2001 | | 1450 | <10.4 | jxc | SW 8260A |
| 2-Chlorotoluene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| 4-Chlorotoluene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| Chloroform | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| Chloromethane | | <10.4 | | ug/kg dw | 08/07/2001 | | 1450 | <10.4 | jxc | SW 8260A |
| Dibromochloromethane | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| Dibromomethane | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| Dichlorodifluoromethane | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| 1,2-Dibromo-3-chloropropane | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| 1,2-Dichlorobenzene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| 1,3-Dichlorobenzene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| 1,4-Dichlorobenzene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| 1,1-Dichloroethane | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| 1,2-Dichloroethane | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| 1,1-Dichloroethene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| cis-1,2-Dichloroethene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| trans-1,2-Dichloroethene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| 1,2-Dichloropropane | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| 1,3-Dichloropropane | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| 2,2-Dichloropropane | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| 1,1-Dichloropropene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| cis-1,3-Dichloropropene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 697503 | SBI002:HMW3S:S060085:428 | | | | | | | | | DATE/TIME TAKEN 08/01/2001 07:30 |
| | trans-1,3-Dichloropropene | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| | Ethylbenzene | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| | Hexachlorobutadiene | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| | n-Hexane | <20.7 | | ug/kg dw | 08/07/2001 | | 1450 | <20.7 | jxc | SW 8260A |
| | 2-Hexanone | <51.8 | | ug/kg dw | 08/07/2001 | | 1450 | <51.8 | jxc | SW 8260A |
| | Isopropylbenzene (Cumene) | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| | p-Isopropyltoluene | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| | Bromomethane | <10.4 | | ug/kg dw | 08/07/2001 | | 1450 | <10.4 | jxc | SW 8260A |
| | Methylene Chloride | <10.4 | | ug/kg dw | 08/07/2001 | | 1450 | <10.4 | jxc | SW 8260A |
| | Methyl t-butyl ether (MTBE) | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | bmh | SW 8260A |
| | 4-Methyl-2-pentanone (MIBK) | <51.8 | | ug/kg dw | 08/07/2001 | | 1450 | <51.8 | jxc | SW 8260A |
| | n-Propylbenzene | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| | Styrene | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| | Naphthalene | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| | 1,1,1,2-Tetrachloroethane | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| | 1,1,2,2-Tetrachloroethane | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| | Tetrachloroethene | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| | Toluene | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| | 1,2,4-Trichlorobenzene | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| | 1,1,1-Trichloroethane | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| | 1,1,2-Trichloroethane | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| | Trichloroethene | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| | Trichlorofluoromethane | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| | 1,2,3-Trichloropropane | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| | 1,2,4-Trimethylbenzene | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------------------------|--------------------------|----------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 697503 | SBI002:HMW3S:S060085:428 | | | | | | | | | DATE/TIME TAKEN 08/01/2001 07:30 |
| 1,3,5-Trimethylbenzene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| Vinyl Acetate | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| Vinyl Chloride | | <2.1 | | ug/kg dw | 08/07/2001 | | 1450 | <2.1 | jxc | SW 8260A |
| Xylenes, Total | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| d4-1,2-Dichloroethane (surr) | | 95 | | % | 08/07/2001 | | 1450 | | jxc | SW 8260A |
| Dibromofluoromethane (surr) | | 93 | | % | 08/07/2001 | | 1450 | | jxc | SW 8260A |
| d8-Toluene (surr) | | 97 | | % | 08/07/2001 | | 1450 | | jxc | SW 8260A |
| Bromofluorobenzene (surr) | | 92 | | % | 08/07/2001 | | 1450 | | jxc | SW 8260A |
| 697504 | SBI002:HMW1D:S000020:505 | | | | | | | | | DATE/TIME TAKEN 07/31/2001 08:40 |
| Dry Weight | | 93.2 | | % | 08/10/2001 | | 1474 | | mhg | SM 2540 G. |
| ICP NONAQUEOUS | | Complete | | | 08/13/2001 | | 1206 | Complete | emd | SW 6010B |
| Arsenic, ICP | | 7.4 | | mg/kg dw | 08/13/2001 | 894 | 2929 | <7.0 | emd | SW 6010B |
| Barium, ICP | | 194 | | mg/kg dw | 08/13/2001 | 894 | 2860 | <1.4 | emd | SW 6010B |
| Cadmium, ICP | | <2.1 | | mg/kg dw | 08/13/2001 | 894 | 2842 | <2.1 | emd | SW 6010B |
| Chromium, ICP | | 9.0 | | mg/kg dw | 08/13/2001 | 894 | 2830 | <2.8 | emd | SW 6010B |
| Lead, ICP | | 68.0 | | mg/kg dw | 08/13/2001 | 894 | 2831 | <5.6 | emd | SW 6010B |
| Mercury, CVAA | | 0.10 | | mg/kg dw | 08/13/2001 | 604 | 616 | <0.009 | epk | SW 7471A |
| Selenium, ICP | | <7.0 | | mg/kg dw | 08/13/2001 | 894 | 2909 | <7.0 | emd | SW 6010B |
| Silver, ICP | | <2.8 | | mg/kg dw | 08/13/2001 | 894 | 2862 | <2.8 | emd | SW 6010B |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|--------------------------------|----------|------|----------|---------------|-------------------|------------------|-----------------|------------------|----------------------------|------------------|
| | | | | | | | | | | | 07/31/2001 08:40 |
| | ICP Digestion, Nonaqueous | Complete | | | 08/06/2001 | 894 | | Complete | mrt | SW 3050B | |
| | Mercury Digestion, Non-Aq | Complete | | | 08/11/2001 | 604 | | Complete | epk | SW 7471A | |
| | Prep, BNA Non-Aq | Complete | | | 08/07/2001 | 944 | | Complete | mlr | EPA 625; SW 3540C; SW 3545 | |
| | VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| | 8260 - SW846 (Non-aq) | Complete | | | 08/07/2001 | | 1450 | Complete | jxc | | |
| | Acetone | <10.7 | | ug/kg dw | 08/07/2001 | | 1450 | <10.7 | jxc | SW 8260A | |
| | Benzene | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A | |
| | tert-Butylbenzene | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A | |
| | sec-Butylbenzene | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A | |
| | n-Butylbenzene | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A | |
| | Bromochloromethane | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A | |
| | Bromodichloromethane | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A | |
| | Bromoform | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A | |
| | Bromobenzene | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A | |
| | 2-Butanone (MEK) | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A | |
| | Carbon disulfide | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A | |
| | Carbon tetrachloride | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A | |
| | Chlorobenzene | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A | |
| | Chloroethane | <10.7 | | ug/kg dw | 08/07/2001 | | 1450 | <10.7 | jxc | SW 8260A | |
| | 2-Chlorotoluene | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A | |
| | 4-Chlorotoluene | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A | |
| | Chloroform | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A | |
| | Chloromethane | <10.7 | | ug/kg dw | 08/07/2001 | | 1450 | <10.7 | jxc | SW 8260A | |
| | Dibromochloromethane | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A | |

ANALYTICAL REPORT

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6130 Wilcox Rd.
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08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|--------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 697504 | SBI002:HMW1D:S000020:505 | | | | | | | | | DATE/TIME TAKEN 07/31/2001 08:40 |
| Dibromomethane | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| Dichlorodifluoromethane | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| 1,2-Dibromo-3-chloropropane | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| 1,2-Dichlorobenzene | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| 1,3-Dichlorobenzene | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| 1,4-Dichlorobenzene | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| 1,1-Dichloroethane | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| 1,2-Dichloroethane | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| 1,1-Dichloroethene | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| cis-1,2-Dichloroethene | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| trans-1,2-Dichloroethene | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| 1,2-Dichloropropane | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| 1,3-Dichloropropane | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| 2,2-Dichloropropane | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| 1,1-Dichloropropene | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| cis-1,3-Dichloropropene | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| trans-1,3-Dichloropropene | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| Ethylbenzene | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| Hexachlorobutadiene | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| n-Hexane | | <21.5 | | ug/kg dw | 08/07/2001 | | 1450 | <21.5 | jxc | SW 8260A |
| 2-Hexanone | | <53.6 | | ug/kg dw | 08/07/2001 | | 1450 | <53.6 | jxc | SW 8260A |
| Isopropylbenzene (Cumene) | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| p-Isopropyltoluene | | <5.4 | | ug/kg dw | 08/07/2001 | | 1450 | <5.4 | jxc | SW 8260A |
| Bromomethane | | <10.7 | | ug/kg dw | 08/07/2001 | | 1450 | <10.7 | jxc | SW 8260A |
| Methylene Chloride | | <10.7 | | ug/kg dw | 08/07/2001 | | 1450 | <10.7 | jxc | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------------------------|--------------------------|----------|------------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 697504 | SBI002:HMW1D:S000020:505 | | | | | | | | | DATE/TIME TAKEN 07/31/2001 08:40 |
| Methyl t-butyl ether (MTBE) | <5.4 | ug/kg dw | 08/07/2001 | 1450 | <5.4 | bmh | SW 8260A | | | |
| 4-Methyl-2-pentanone (MIBK) | <53.6 | ug/kg dw | 08/07/2001 | 1450 | <53.6 | jxc | SW 8260A | | | |
| n-Propylbenzene | <5.4 | ug/kg dw | 08/07/2001 | 1450 | <5.4 | jxc | SW 8260A | | | |
| Styrene | <5.4 | ug/kg dw | 08/07/2001 | 1450 | <5.4 | jxc | SW 8260A | | | |
| Naphthalene | <5.4 | ug/kg dw | 08/07/2001 | 1450 | <5.4 | jxc | SW 8260A | | | |
| 1,1,1,2-Tetrachloroethane | <5.4 | ug/kg dw | 08/07/2001 | 1450 | <5.4 | jxc | SW 8260A | | | |
| 1,1,2,2-Tetrachloroethane | <5.4 | ug/kg dw | 08/07/2001 | 1450 | <5.4 | jxc | SW 8260A | | | |
| Tetrachloroethene | <5.4 | ug/kg dw | 08/07/2001 | 1450 | <5.4 | jxc | SW 8260A | | | |
| Toluene | <5.4 | ug/kg dw | 08/07/2001 | 1450 | <5.4 | jxc | SW 8260A | | | |
| 1,2,4-Trichlorobenzene | <5.4 | ug/kg dw | 08/07/2001 | 1450 | <5.4 | jxc | SW 8260A | | | |
| 1,1,1-Trichloroethane | <5.4 | ug/kg dw | 08/07/2001 | 1450 | <5.4 | jxc | SW 8260A | | | |
| 1,1,2-Trichloroethane | <5.4 | ug/kg dw | 08/07/2001 | 1450 | <5.4 | jxc | SW 8260A | | | |
| Trichloroethene | <5.4 | ug/kg dw | 08/07/2001 | 1450 | <5.4 | jxc | SW 8260A | | | |
| Trichlorofluoromethane | <5.4 | ug/kg dw | 08/07/2001 | 1450 | <5.4 | jxc | SW 8260A | | | |
| 1,2,3-Trichloropropane | <5.4 | ug/kg dw | 08/07/2001 | 1450 | <5.4 | jxc | SW 8260A | | | |
| 1,2,4-Trimethylbenzene | <5.4 | ug/kg dw | 08/07/2001 | 1450 | <5.4 | jxc | SW 8260A | | | |
| 1,3,5-Trimethylbenzene | <5.4 | ug/kg dw | 08/07/2001 | 1450 | <5.4 | jxc | SW 8260A | | | |
| Vinyl Acetate | <5.4 | ug/kg dw | 08/07/2001 | 1450 | <5.4 | jxc | SW 8260A | | | |
| Vinyl Chloride | <2.1 | ug/kg dw | 08/07/2001 | 1450 | <2.1 | jxc | SW 8260A | | | |
| Xylenes, Total | <5.4 | ug/kg dw | 08/07/2001 | 1450 | <5.4 | jxc | SW 8260A | | | |
| d4-1,2-Dichloroethane (surr) | 99 | % | 08/07/2001 | 1450 | | jxc | SW 8260A | | | |
| Dibromofluoromethane (surr) | 95 | % | 08/07/2001 | 1450 | | jxc | SW 8260A | | | |
| d8-Toluene (surr) | 97 | % | 08/07/2001 | 1450 | | jxc | SW 8260A | | | |
| Bromofluorobenzene (surr) | 93 | % | 08/07/2001 | 1450 | | jxc | SW 8260A | | | |

ANALYTICAL REPORT

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6130 Wilcox Rd.
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08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-------------------------------|------------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 697504 | SBI002:HMW1D:S000020:505 | | | | | | | | | |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| | Acenaphthene | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| | Acenaphthylene | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| | Anthracene | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| | Benzo(a)anthracene | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| | Benzo(b)fluoranthene | 563 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| | Benzo(k)fluoranthene | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| | Benzo(a)pyrene | 277 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <177 | jrw | SW 8270C |
| | Benzyl alcohol | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| | Benzyl butyl phthalate | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| | Bis(2-chloroethyl)ether | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| | Bis(2-chloroethoxy)methane | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| | Bis(2-ethylhexyl)phthalate | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| | 2,2'-oxybis(1-Chloropropane) | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| | 4-Bromophenyl phenyl ether | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| | 4-Chloroaniline | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| | 2-Chloronaphthalene | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| | Chrysene | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| | Dibenzo(a,h)anthracene | <177 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <177 | jrw | SW 8270C |
| | Dibenzofuran | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| | 1,2-Dichlorobenzene | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| | 1,3-Dichlorobenzene | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| | 1,4-Dichlorobenzene | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |
| | 3,3'-Dichlorobenzidine | <708 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <708 | jrw | SW 8270C |
| | Diethyl phthalate | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C |

DATE/TIME TAKEN
07/31/2001 08:40

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|------------------------------|--------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | 07/31/2001 08:40 |
| | Dimethyl phthalate | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrjw | SW 8270C | |
| | 2,4-Dinitrotoluene | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrjw | SW 8270C | |
| | 2,6-Dinitrotoluene | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrjw | SW 8270C | |
| | Di-n-octylphthalate | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrjw | SW 8270C | |
| | Fluoranthene | 586 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrjw | SW 8270C | |
| | Fluorene | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrjw | SW 8270C | |
| | Hexachlorobenzene | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrjw | SW 8270C | |
| | Hexachloro-1,3-butadiene | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrjw | SW 8270C | |
| | Hexachlorocyclopentadiene | <708 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <708 | jrjw | SW 8270C | |
| | Hexachloroethane | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrjw | SW 8270C | |
| | Indeno(1,2,3-cd)pyrene | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrjw | SW 8270C | |
| | Isophorone | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrjw | SW 8270C | |
| | Naphthalene | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrjw | SW 8270C | |
| | Nitrobenzene | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrjw | SW 8270C | |
| | N-Nitrosodi-n-propylamine | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrjw | SW 8270C | |
| | Phenanthrene | 357 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrjw | SW 8270C | |
| | Pyrene | 544 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrjw | SW 8270C | |
| | 1,2,4-Trichlorobenzene | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrjw | SW 8270C | |
| | Surrogate: d5-Nitrobenzene | 84 | | % | 08/09/2001 | 944 | 1455 | | jrjw | SW 8270C | |
| | Surrogate: 2-Fluorobiphenyl | 92 | | % | 08/09/2001 | 944 | 1455 | | jrjw | SW 8270C | |
| | Surrogate: d14-Terphenyl | 93 | | % | 08/09/2001 | 944 | 1455 | | jrjw | SW 8270C | |
| | ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | |
| | Benzoic Acid | <1,770 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <1,770 | jrjw | SW 8270C | |
| | 4-Chloro-3-methylphenol | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrjw | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|----------------------------|--------------------------|--------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | |
| 697504 | SBI002:HMW1D:S000020:505 | | | | | | | | | | 07/31/2001 08:40 |
| 2-Chlorophenol | | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C | |
| 2,4-Dichlorophenol | | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C | |
| 2,4-Dimethylphenol | | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C | |
| 2-Methyl-4,6-dinitrophenol | | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C | |
| 2-Methylphenol | | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C | |
| meta & para-Methylphenol | | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C | |
| 2-Nitrophenol | | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C | |
| Pentachlorophenol | | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C | |
| Phenol | | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C | |
| 2,4,5-Trichlorophenol | | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C | |
| 2,4,6-Trichlorophenol | | <354 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <354 | jrw | SW 8270C | |
| Surrogate: d6-Phenol | | 79 | | † | 08/09/2001 | 944 | 1455 | | jrw | SW 8270C | |
| Surrogate: 2-Fluorophenol | | 73 | | † | 08/09/2001 | 944 | 1455 | | jrw | SW 8270C | |
| Surrogate: Tribromophenol | | 77 | | † | 08/09/2001 | 944 | 1455 | | jrw | SW 8270C | |
| TPH - GRO (Non-Aqueous) | | <5 | SS | mg/kg dw | 08/06/2001 | | 245 | <5 | meb | SW 8015M | |

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|----------------|--------------------------|----------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|-----------------|
| 697505 | SBI002:HMW6D:S000020:505 | | | | | | | | | | 08/01/2001 |
| Dry Weight | | 96.4 | | † | 08/10/2001 | | 1474 | | mhg | SM 2540 G. | |
| ICP NONAQUEOUS | | Complete | | | 08/13/2001 | | 1206 | Complete | emd | SW 6010B | |
| Arsenic, ICP | | 12.7 | | mg/kg dw | 08/13/2001 | 894 | 2929 | <6.8 | emd | SW 6010B | |

ANALYTICAL REPORT

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6130 Wilcox Rd.
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08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|--------------------------------|--------------------------|----------|------|----------|---------------|--------------|--------------|-----------------|----------|-------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 697505 | SBI002:HMW6D:S000020:505 | | | | | | | | | DATE/TIME TAKEN 08/01/2001 |
| Barium, ICP | | 299 | | mg/kg dw | 08/13/2001 | 894 | 2860 | <1.3 | emd | SW 6010B |
| Cadmium, ICP | | <2.1 | | mg/kg dw | 08/13/2001 | 894 | 2842 | <2.1 | emd | SW 6010B |
| Chromium, ICP | | 65.4 | | mg/kg dw | 08/13/2001 | 894 | 2830 | <2.7 | emd | SW 6010B |
| Lead, ICP | | 124 | | mg/kg dw | 08/13/2001 | 894 | 2831 | <5.5 | emd | SW 6010B |
| Mercury, CVAA | | 0.151 | | mg/kg dw | 08/13/2001 | 604 | 616 | <0.008 | epk | SW 7471A |
| Selenium, ICP | | <6.8 | | mg/kg dw | 08/13/2001 | 894 | 2909 | <6.8 | emd | SW 6010B |
| Silver, ICP | | <2.7 | | mg/kg dw | 08/13/2001 | 894 | 2862 | <2.7 | emd | SW 6010B |
| ICP Digestion, Nonaqueous | | Complete | | | 08/06/2001 | 894 | | Complete | mrt | SW 3050B |
| Mercury Digestion, Non-Aq | | Complete | | | 08/11/2001 | 604 | | Complete | epk | SW 7471A |
| Prep, BNA Non-Aq | | Complete | | | 08/07/2001 | 944 | | Complete | mlr | EPA 625; SW 3540C; SW 3545 |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | | Complete | | | 08/07/2001 | | 1450 | Complete | jxc | |
| Acetone | | <104 | | ug/kg dw | 08/07/2001 | | 1450 | <104 | jxc | SW 8260A |
| Benzene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| tert-Butylbenzene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| sec-Butylbenzene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| n-Butylbenzene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| Bromochloromethane | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| Bromodichloromethane | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| Bromoform | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| Bromobenzene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| 2-Butanone (MEK) | | <52 | | ug/kg dw | 08/07/2001 | | 1450 | <52 | jxc | SW 8260A |
| Carbon disulfide | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |
| Carbon tetrachloride | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A |

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08/27/2001

Job Number: 01.13865

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| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|-----------------------------|--------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|-----------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 697505 | SBI002:HMW6D:S000020:505 | | | | | | | | | | 08/01/2001 |
| Chlorobenzene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| Chloroethane | | <10.4 | | ug/kg dw | 08/07/2001 | | 1450 | <10.4 | jxc | SW 8260A | |
| 2-Chlorotoluene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| 4-Chlorotoluene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| Chloroform | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| Chloromethane | | <10.4 | | ug/kg dw | 08/07/2001 | | 1450 | <10.4 | jxc | SW 8260A | |
| Dibromochloromethane | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| Dibromomethane | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| Dichlorodifluoromethane | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| 1,2-Dibromo-3-chloropropane | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| 1,2-Dichlorobenzene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| 1,3-Dichlorobenzene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| 1,4-Dichlorobenzene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| 1,1-Dichloroethane | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| 1,2-Dichloroethane | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| 1,1-Dichloroethene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| cis-1,2-Dichloroethene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| trans-1,2-Dichloroethene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| 1,2-Dichloropropane | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| 1,3-Dichloropropane | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| 2,2-Dichloropropane | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| 1,1-Dichloropropene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| cis-1,3-Dichloropropene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| trans-1,3-Dichloropropene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| Ethylbenzene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |

ANALYTICAL REPORT

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08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|-----------------------------|--------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|-----------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 697505 | SBI002:HMW6D:S000020:505 | | | | | | | | | | 08/01/2001 |
| Hexachlorobutadiene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| n-Hexane | | <20.7 | | ug/kg dw | 08/07/2001 | | 1450 | <20.7 | jxc | SW 8260A | |
| 2-Hexanone | | <51.9 | | ug/kg dw | 08/07/2001 | | 1450 | <51.9 | jxc | SW 8260A | |
| Isopropylbenzene (Cumene) | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| p-Isopropyltoluene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| Bromomethane | | <10.4 | | ug/kg dw | 08/07/2001 | | 1450 | <10.4 | jxc | SW 8260A | |
| Methylene Chloride | | <10.4 | | ug/kg dw | 08/07/2001 | | 1450 | <10.4 | jxc | SW 8260A | |
| Methyl t-butyl ether (MTBE) | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | bmh | SW 8260A | |
| 4-Methyl-2-pentanone (MIBK) | | <51.9 | | ug/kg dw | 08/07/2001 | | 1450 | <51.9 | jxc | SW 8260A | |
| n-Propylbenzene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| Styrene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| Naphthalene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| 1,1,1,2-Tetrachloroethane | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| 1,1,2,2-Tetrachloroethane | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| Tetrachloroethene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| Toluene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| 1,2,4-Trichlorobenzene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| 1,1,1-Trichloroethane | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| 1,1,2-Trichloroethane | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| Trichloroethene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| Trichlorofluoromethane | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| 1,2,3-Trichloropropane | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| 1,2,4-Trimethylbenzene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| 1,3,5-Trimethylbenzene | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |
| Vinyl Acetate | | <5.2 | | ug/kg dw | 08/07/2001 | | 1450 | <5.2 | jxc | SW 8260A | |

ANALYTICAL REPORT

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Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|-------------------------------|--------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|-------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 697505 | SBI002:HMW6D:S000020:505 | | | | | | | | | DATE/TIME TAKEN 08/01/2001 |
| Vinyl Chloride | | <2.1 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <2.1 | jxc | SW 8260A |
| Xylenes, Total | | <5.2 | | ug/kg dw | 08/07/2001 | 1450 | 1450 | <5.2 | jxc | SW 8260A |
| d4-1,2-Dichloroethane (surr) | | 98 | | % | 08/07/2001 | 1450 | 1450 | | jxc | SW 8260A |
| Dibromofluoromethane (surr) | | 94 | | % | 08/07/2001 | 1450 | 1450 | | jxc | SW 8260A |
| d8-Toluene (surr) | | 97 | | % | 08/07/2001 | 1450 | 1450 | | jxc | SW 8260A |
| Bromofluorobenzene (surr) | | 92 | | % | 08/07/2001 | 1450 | 1450 | | jxc | SW 8260A |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| Acenaphthene | | <342 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <342 | jrjw | SW 8270C |
| Acenaphthylene | | <342 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <342 | jrjw | SW 8270C |
| Anthracene | | <342 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <342 | jrjw | SW 8270C |
| Benzo (a) anthracene | | <342 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <342 | jrjw | SW 8270C |
| Benzo (b) fluoranthene | | <342 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <342 | jrjw | SW 8270C |
| Benzo (k) fluoranthene | | <342 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <342 | jrjw | SW 8270C |
| Benzo (a) pyrene | | <171 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <171 | jrjw | SW 8270C |
| Benzyl alcohol | | <342 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <342 | jrjw | SW 8270C |
| Benzyl butyl phthalate | | <342 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <342 | jrjw | SW 8270C |
| Bis (2-chloroethyl) ether | | <342 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <342 | jrjw | SW 8270C |
| Bis (2-chloroethoxy) methane | | <342 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <342 | jrjw | SW 8270C |
| Bis (2-ethylhexyl) phthalate | | <342 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <342 | jrjw | SW 8270C |
| 2,2'-oxybis (1-Chloropropane) | | <342 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <342 | jrjw | SW 8270C |
| 4-Bromophenyl phenyl ether | | <342 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <342 | jrjw | SW 8270C |
| 4-Chloroaniline | | <342 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <342 | jrjw | SW 8270C |
| 2-Chloronaphthalene | | <342 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <342 | jrjw | SW 8270C |
| Chrysene | | <342 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <342 | jrjw | SW 8270C |

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| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|---------------------------|--------------------------|--------|------|------------|---------------|--------------|--------------|-----------------|----------|-------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 697505 | SBI002:HMW6D:S000020:505 | | | | | | | | | DATE/TIME TAKEN 08/01/2001 |
| Dibenzo(a,h)anthracene | <171 | ug/kg | dw | 08/09/2001 | 944 | 1455 | <171 | jrjw | SW 8270C | |
| Dibenzofuran | <342 | ug/kg | dw | 08/09/2001 | 944 | 1455 | <342 | jrjw | SW 8270C | |
| 1,2-Dichlorobenzene | <342 | ug/kg | dw | 08/09/2001 | 944 | 1455 | <342 | jrjw | SW 8270C | |
| 1,3-Dichlorobenzene | <342 | ug/kg | dw | 08/09/2001 | 944 | 1455 | <342 | jrjw | SW 8270C | |
| 1,4-Dichlorobenzene | <342 | ug/kg | dw | 08/09/2001 | 944 | 1455 | <342 | jrjw | SW 8270C | |
| 3,3'-Dichlorobenzidine | <685 | ug/kg | dw | 08/09/2001 | 944 | 1455 | <685 | jrjw | SW 8270C | |
| Diethyl phthalate | <342 | ug/kg | dw | 08/09/2001 | 944 | 1455 | <342 | jrjw | SW 8270C | |
| Dimethyl phthalate | <342 | ug/kg | dw | 08/09/2001 | 944 | 1455 | <342 | jrjw | SW 8270C | |
| 2,4-Dinitrotoluene | <342 | ug/kg | dw | 08/09/2001 | 944 | 1455 | <342 | jrjw | SW 8270C | |
| 2,6-Dinitrotoluene | <342 | ug/kg | dw | 08/09/2001 | 944 | 1455 | <342 | jrjw | SW 8270C | |
| Di-n-octylphthalate | <342 | ug/kg | dw | 08/09/2001 | 944 | 1455 | <342 | jrjw | SW 8270C | |
| Fluoranthene | <342 | ug/kg | dw | 08/09/2001 | 944 | 1455 | <342 | jrjw | SW 8270C | |
| Fluorene | <342 | ug/kg | dw | 08/09/2001 | 944 | 1455 | <342 | jrjw | SW 8270C | |
| Hexachlorobenzene | <342 | ug/kg | dw | 08/09/2001 | 944 | 1455 | <342 | jrjw | SW 8270C | |
| Hexachloro-1,3-butadiene | <342 | ug/kg | dw | 08/09/2001 | 944 | 1455 | <342 | jrjw | SW 8270C | |
| Hexachlorocyclopentadiene | <685 | ug/kg | dw | 08/09/2001 | 944 | 1455 | <685 | jrjw | SW 8270C | |
| Hexachloroethane | <342 | ug/kg | dw | 08/09/2001 | 944 | 1455 | <342 | jrjw | SW 8270C | |
| Indeno(1,2,3-cd)pyrene | <342 | ug/kg | dw | 08/09/2001 | 944 | 1455 | <342 | jrjw | SW 8270C | |
| Isophorone | <342 | ug/kg | dw | 08/09/2001 | 944 | 1455 | <342 | jrjw | SW 8270C | |
| Naphthalene | <342 | ug/kg | dw | 08/09/2001 | 944 | 1455 | <342 | jrjw | SW 8270C | |
| Nitrobenzene | <342 | ug/kg | dw | 08/09/2001 | 944 | 1455 | <342 | jrjw | SW 8270C | |
| N-Nitrosodi-n-propylamine | <342 | ug/kg | dw | 08/09/2001 | 944 | 1455 | <342 | jrjw | SW 8270C | |
| Phenanthrene | <342 | ug/kg | dw | 08/09/2001 | 944 | 1455 | <342 | jrjw | SW 8270C | |
| Pyrene | <342 | ug/kg | dw | 08/09/2001 | 944 | 1455 | <342 | jrjw | SW 8270C | |
| 1,2,4-Trichlorobenzene | <342 | ug/kg | dw | 08/09/2001 | 944 | 1455 | <342 | jrjw | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.13865

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------------------------|--------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|------------------|-----------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 697505 | SBI002:HMW6D:S000020:505 | | | | | | | | | | 08/01/2001 |
| Surrogate: d5-Nitrobenzene | | 72 | | † | 08/09/2001 | 944 | 1455 | | jrw | SW 8270C | |
| Surrogate: 2-Fluorobiphenyl | | 92 | | † | 08/09/2001 | 944 | 1455 | | jrw | SW 8270C | |
| Surrogate: d14-Terphenyl | | 103 | | † | 08/09/2001 | 944 | 1455 | | jrw | SW 8270C | |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | | |
| Benzoic Acid | | <1,710 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <1,710 | jrw | SW 8270C | |
| 4-Chloro-3-methylphenol | | <342 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <342 | jrw | SW 8270C | |
| 2-Chlorophenol | | <342 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <342 | jrw | SW 8270C | |
| 2,4-Dichlorophenol | | <342 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <342 | jrw | SW 8270C | |
| 2,4-Dimethylphenol | | <342 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <342 | jrw | SW 8270C | |
| 2-Methyl-4,6-dinitrophenol | | <342 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <342 | jrw | SW 8270C | |
| 2-Methylphenol | | <342 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <342 | jrw | SW 8270C | |
| meta & para-Methylphenol | | <342 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <342 | jrw | SW 8270C | |
| 2-Nitrophenol | | <342 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <342 | jrw | SW 8270C | |
| Pentachlorophenol | | <342 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <342 | jrw | SW 8270C | |
| Phenol | | <342 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <342 | jrw | SW 8270C | |
| 2,4,5-Trichlorophenol | | <342 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <342 | jrw | SW 8270C | |
| 2,4,6-Trichlorophenol | | <342 | | ug/kg dw | 08/09/2001 | 944 | 1455 | <342 | jrw | SW 8270C | |
| Surrogate: d6-Phenol | | 74 | | † | 08/09/2001 | 944 | 1455 | | jrw | SW 8270C | |
| Surrogate: 2-Fluorophenol | | 72 | | † | 08/09/2001 | 944 | 1455 | | jrw | SW 8270C | |
| Surrogate: Tribromophenol | | 73 | note | † | 08/09/2001 | 944 | 1455 | | jrw | SW 8270C | |
| TPH - GRO (Non-Aqueous) | | <5 | | mg/kg dw | 08/06/2001 | | 245 | <5 | meb | SW 8015M | |

QUALITY CONTROL FLAG DEFINITIONS

Job Number: 01.13865

(*) Indicates an out-of-control QC. The analytical data was reported based on other supporting quality control information.

(Note) Indicates to review the notes and comments section of the analytical report as there is additional information concerning this analytical result.

(MS) Indicates that the Matrix Spike (MS) was out of statistical advisory limits.

(MSD) Indicates that the Matrix Spike Duplicate (MSD) was out of statistical advisory limits.

(RPD) Indicates that the Relative Percent Difference (RPD) for the MS/MSD pair was outside of statistical advisory limits.

(SS) Indicates that the MS and MSD were out of statistical advisory limits.

(SSR) Indicates that the MS, MSD and RPD were out of statistical advisory limits.

(MSR) Indicates that the MS and RPD were out of statistical advisory limits.

(MSDR) Indicates that the MSD and RPD were out of statistical advisory limits.

(DL) Indicates that the MS and MSD were diluted out and the percent recoveries of the spikes could not be calculated.

(LS) Indicates that statistical accuracy and precision data is not available for spike concentrations which are $< 1/4$ of the sample amount. Care should be used in interpreting this data.

(J) Indicates estimated concentration due to internal standard areas or surrogate recoveries outside of control limits. A sample matrix effect is usually indicated.

(DW) Indicates Dry Weight.

Analytical Reporting Limits

The reporting limits listed for non-aqueous samples in the analytical report section are Practical Quantitation Limits (PQLs). These PQLs are based upon a typical standard weight used for a non-aqueous sample. The reporting limit for a sample may be different from the PQL listed depending upon the actual weight of sample used, the samples moisture content and any dilutions used during the analysis.

NOTES AND COMMENTS

TestAmerica Job Number: 1.13865

Sample Number: 697497, 697498

Analysis: 8260

MB analyzed with samples had hexachlorobutadiene above reporting limit. No hit for this compound was found in these samples.

Sample Number: 697493

Analysis: 8270 BNA

Response for internal standard d12-perylene was below the recommended level. Results for analytes quantitated from it should be considered estimated. These include benzo(k)fluoranthene and benzo(a)pyrene.

Sample Number: 697496

Analysis: 8270 BNA

Response for internal standard d12-perylene was below the recommended level. Results for analytes quantitated from it should be considered estimated. These include benzo(b)fluoranthene and benzo(a)pyrene.

Sample Number: 697499, 697505

Analysis: 8270 BNA

Response for internal standard d12-perylene was below the recommended level.

Sample Number: 697500, 697492

Analysis: 8270 BNA

Response for internal standard d12-perylene was below the recommended level. Results for analytes quantitated from it should be considered estimated. These include benzo(b)fluoranthene, benzo(k)fluoranthene and benzo(a)pyrene.

NOTES AND COMMENTS

TestAmerica Job Number: 1.13865

Sample Number: 697489

Analysis: 8270 BNA

A dilution was performed due to the high viscosity of the sample extract. Recovery of surrogate 2,4,6-tribromophenol was above the recommended level. Surrogates designated "DL" were diluted below the reporting limit. Response for internal standard d12-perylene was below the recommended level.

Sample Number: 697490

Analysis: 8270 BNA

The sample contained large amounts of non-target compounds. The apparent recoveries of surrogates 2-fluorobiphenyl and d14-p-terphenyl were above the recommended levels. This was confirmed by analysis of a dilution. Response for internal standards d12-chrysene and d12-perylene was below the recommended level. Results for compounds quantitated from them should be considered estimated. These include pyrene, benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(k)fluoranthene and benzo(a)pyrene.

Sample Number: 697491

Analysis: 8270 BNA

Response for internal standard d12-perylene was below the recommended level. Results for analytes quantitated from it should be considered estimated. These include benzo(k)fluoranthene, benzo(a)pyrene and indeno(1,2,3-c,d)pyrene.

1,13865

CHAIN OF CUSTODY RECORD



Hull & Associates, Inc.
 6130 Wilcox Road
 Dublin, Ohio 43016
 Phone: (614)385-8777
 FAX: (614)385-9070

Dublin
 3401 Glendale Avenue
 SUITE 300
 Toledo, Ohio 43614
 Phone: (419)385-2018
 FAX: (419)385-5489

Mason
 4700 Duke Drive, Suite 172
 Mason, Ohio 45040
 Phone: (513)459-9677
 FAX: (513)459-9869

Warrensville Heights
 4949 Galaxy Parkway, Suite S
 Warrensville Heights, Ohio 44128
 Phone: (216)514-7100
 FAX: (216)514-7104

REPORT TO: Terry Baehr
 Client: South Bend
 Site: Area A (URTK)
 Project#: SB002 Phase: 01.GRB
 Samplers: Mike Confore

ANALYSES
 G A B C G
 PRESERVATIVES
 TPH TR
 TPH GRS
 PCBs & 270
 VOC & 270

SAMPLE TYPES: AIR, ASBESTOS, SEDIMENT, GROUNDWATER, PRODUCT, SOIL, WATER, OTHERS
 PRESERVATIVES: A-COOL ONLY, B-HNO₃ pH<2, C-H₂SO₄ pH<2, D-ROCK pH>12, E-ZINCED, F-NO₂ 2% (0.008%), G-HCl pH<2
 METALS: A-FILTERED, N-NOT FILTERED, B-BOTH
 MI samples are kept at 4°C.

| PROJECT NO. | SAMPLE LOCATION | SAMPLE TYPE | SAMPLER ID | NO. OF METALS CONT. | SAMPLING DATE/TIME | COMMENTS |
|-------------|-----------------|-------------|------------|---------------------|--------------------|----------|
| SB1002 | HA-1 | S00000S | 412 | 2-402 | 7-31-01 12:28 | X |
| SB1002 | HA-2 | S00001D | 412 | 2-402 | 7-31-01 10:10 | X |
| SB1002 | HA-3 | S00001O | 412 | 1-402 | 7-31-01 15:30 | X |
| SB1002 | HA-4 | S00001O | 412 | 1-402 | 7-31-01 16:40 | X |
| SB1002 | GS-2 | S00501O | 412 | 3-402 | 8-1-01 11:25 | X X X |
| SB1002 | GS-3 | S00501O | 412 | 3-402 | 8-1-01 11:15 | X X X |
| SB1002 | | | 412 | 2-402 | 8-1-01 11:25 | X X X |
| SB1002 | FBI | | 505 | | 8-1-01 17:00 | X X X |
| SB1002 | TBI | | | 3 | 8-1-01 | X |
| SB1002 | GS-3D | S00501O | 412 | 3-402 | 8-1-01 11:15 | X X X |
| | | | | | | |
| | | | | | | |

Extra soil for matrix spike
 Matrix spike
 Extra soil for matrix spike
 Matrix spike

| RECEIVED BY: | DATE: | TIME: |
|---------------------|--------|-------|
| <i>Mike Confore</i> | 8-1-01 | 9:00 |
| <i>Mike Confore</i> | 8-1-01 | 17:00 |
| <i>Mike Confore</i> | 8-1-01 | 11:15 |

COOLER TEMPERATURE AS RECEIVED °C: 2.5

Deliver To: Sample Receiving
 Method of Delivery: Fed Ex
 Airbill Number: 12065968050
 NOTES: Receipt Temp upon Receipt

TURN AROUND TIME: Stamp DAYS



Hull & Associates, Inc.

Dublin
6130 Wilcox Road
Dublin, Ohio 43018
Phone: (614)385-8777
FAX: (614)385-8070

Toledo
3401 Glendale Avenue
SUITE 300
Toledo, Ohio 43614
Phone: (419)385-2018
FAX: (419)385-5489

Mason
4700 Duke Drive, Suite 172
Mason, Ohio 45040
Phone: (513)459-9677
FAX: (513)459-9669

Warrensville Heights
4949 Galaxy Parkway, Suite S
Warrensville Heights, Ohio 44128
Phone: (216)514-7100
FAX: (216)514-7104

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

NO. **5312**

REPORT TO: TERRY BAHR

Client: SOUTH BEER

Site: AREA A

Project#: SB1002 Phase: SLINS

Samplers: RTM

SAMPLE TYPES
A - AIRBUSTOS
B - SEDIMENT
C - GROUNDWATER
D - PRODUCT
E - SOIL
F - WATER
G - OTHERS
Z - All samples are kept at 4°C.

PRESERVATIVES
A - Cool only, <4°C
B - HNO₃ pH<2
C - H₂SO₄ pH<2
D - NaOH, pH>12
E - Zinc acetate + NaOH, pH>9
F - HNO₃/H₂O₂ (0.0085%)
G - HCl, pH <2

METALS
F - NOT FILTERED
N -
B - BOTH

| PROJECT NO. | SAMPLE LOCATION | SAMPLE TYPE | SAMPLER ID | NO. OF METALS CONT. | SAMPLING DATE/TIME | ANALYSES | COMMENTS |
|-------------|-----------------|-------------|------------|---------------------|--------------------|---|----------|
| SB1002 | HMLW35 | S000020 | 428 | 3 | 8-11-01 0920 | TPH GR2 SVC MGLALS - R208 K6C 82268 TPH-JR 4181 | |
| SB1002 | HMLW35 | S000020 | 428 | 3 | 8-11-01 1245 | | |
| SB1002 | HMLW35 | S060070 | 428 | 2 | 8-11-01 0725 | | |
| SB1002 | HMLW35 | S080085 | 428 | 2 | 8-11-01 0730 | | |
| : | : | : | : | : | : | | |
| : | : | : | : | : | : | | |
| : | : | : | : | : | : | | |
| : | : | : | : | : | : | | |
| : | : | : | : | : | : | | |
| : | : | : | : | : | : | | |
| : | : | : | : | : | : | | |
| : | : | : | : | : | : | | |

RELINQUISHED BY: Math Young DATE: 8-1-01 TIME: 5-10-PM

RECEIVED BY: Math Young DATE: 8-1-01 TIME: 5-10-PM

RELINQUISHED BY: Math Young DATE: 8-1-01 TIME: 8:00

RECEIVED BY: Math Young DATE: 8-1-01 TIME: 8:00

RELINQUISHED BY: Math Young DATE: 8-1-01 TIME: 8:00

RECEIVED BY: Math Young DATE: 8-1-01 TIME: 8:00

COOLER TEMPERATURE AS RECEIVED °C: 2.5

DELIVER TO: Warrensville Heights

METHOD OF DELIVERY: FEDEX

AIRBILL NUMBER: 82626596805

NOTES: RECORD TEMP UPON RECEIPT

TURN AROUND TIME: Std. DAYS

1000_300_016B.DWG 07/28/99 KMAC

CHAIN OF CUSTODY RECORD

NO. **5310**



Dublin
6130 Wilcox Road
Dublin, Ohio 43016
Phone: (614)385-8777
FAX: (614)385-9070

Toledo
3401 Glendale Avenue
SUITE 300
Toledo, Ohio 43614
Phone: (419)385-2018
FAX: (419)385-5489

Mason
4700 Duke Drive, Suite 172
Mason, Ohio 45040
Phone: (513)459-9677
FAX: (513)459-9869

Warrensville Heights
4949 Galaxy Parkway, Suite S
Warrensville Heights, Ohio 44128
Phone: (216)514-7100
FAX: (216)514-7104

REPORT TO: Terry Baehr

Client: South Bend
Site: Area A (UP&V)
Project#: SBI002 Phase: 03.INS
Samplers: Matt Young

| ANALYSES | PRESERVATIVES | |
|-----------------|---------------|---|
| | A | A |
| VOC B260 | | |
| Metals SUC B270 | | |
| GE20 BDIS | | |
| TPH (18.1) | | |

SAMPLE TYPES: AIR, ASBESTOS, SEDIMENT, GROUNDWATER, PRODUCT, SOIL, WATER, OTHERS

PRESERVATIVES: A - Cool only, <4 C; B - HNO₃, pH<2; C - H₂SO₄, pH<2; D - NaOH, pH>12; E - Zinc nitrate + NaOH, pH>9; F - Hg₂SO₄(0.008%); G - HCl, pH <2

METALS: F - NOT FILTERED; H - BOTH

All samples are kept at 4°C.

| PROJECT NO. | SAMPLE LOCATION | SAMPLE TYPE | SAMPLER ID | NO. OF METALS CONT. | SAMPLING DATE/TIME | PRESERVATIVES | METALS | COMMENTS |
|-------------|-----------------|-------------|------------|---------------------|--------------------|---------------|--------|-------------------------------|
| SBI002 | Amwid: 5000020 | | SOS | 4-102 | 7-31-01 8:40 | X | X | *Remove per Matt Young 8/3/01 |
| SBI002 | Amwid: 5000020 | | SOS | 3-402 | 8-1-01 | X | X | |
| | | | | | | | | |
| | | | | | | | | |
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| | | | | | | | | |
| | | | | | | | | |
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| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

REMOVED BY: Matt Young DATE: 8-1-01 TIME: 18:00

RECEIVED BY: Fed Ex DATE: 8-1-01 TIME: 19:30

RECEIVED BY: [Signature] DATE: 8-2-01 TIME: 14:30

DISTRIBUTION: WHITE (LAB USE MUST BE RETURNED WITH REPORT), YELLOW (LAB USE), PINK (RETAINED BY HM)

COOLER TEMPERATURE AS RECEIVED °C: 2.5

Deliver To: Test America

Method of Delivery: Fed Ex

Airbill Number: B26265968050

NOTES: Record temp upon Rec.

TURN AROUND TIME: Std. DAYS

SBI002

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

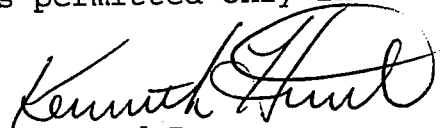
Enclosed is the analytical report for the following samples submitted to the Dayton Division of TestAmerica, Inc. for analysis:

| <u>Sample Number</u> | <u>Sample Description</u> | <u>Date Taken</u> | <u>Date Received</u> |
|----------------------|---------------------------|-------------------|----------------------|
| 698520 | SBI002:HMW7S:S000020:428 | 08/07/2001 | 08/08/2001 |
| 698521 | SBI002:HMW10S:S040050:428 | 08/07/2001 | 08/08/2001 |
| 698522 | SBI002:HMW10S:S100110:428 | 08/07/2001 | 08/08/2001 |
| 698523 | SBI002:SB6:S100110:428 | 08/06/2001 | 08/08/2001 |
| 698524 | SBI002:SB6:S140150:428 | 08/06/2001 | 08/08/2001 |
| 698525 | SBI002:GB26:S020040:428 | 08/07/2001 | 08/08/2001 |
| 698526 | SBI002:GB27:S020040:428 | 08/07/2001 | 08/08/2001 |
| 698527 | SBI002:HMW20S:S000020:428 | 08/06/2001 | 08/08/2001 |
| 698528 | SBI002:GB20:S005020:428 | 08/07/2001 | 08/08/2001 |
| 698529 | SBI002:GB30:S000020:428 | 08/07/2001 | 08/08/2001 |
| 698530 | SBI002:GB37:S000020:428 | 08/07/2001 | 08/08/2001 |
| 698531 | SBI002:GB21:S010030:428 | 08/07/2001 | 08/08/2001 |
| 698532 | SBI002:GB22:S005020:428 | 08/07/2001 | 08/08/2001 |
| 698533 | SBI002:GB24:S005020:428 | 08/07/2001 | 08/08/2001 |
| 698534 | SBI002:GB23:S005020:428 | 08/07/2001 | 08/08/2001 |
| 698535 | SBI002:GB-15:S000010:412 | 08/07/2001 | 08/08/2001 |
| 698536 | SBI002:GB-16:S000005:412 | 08/07/2001 | 08/08/2001 |
| 698537 | SBI002:GB-17:S000015:412 | 08/07/2001 | 08/08/2001 |
| 698538 | SBI002:GB-28:S000020:412 | 08/07/2001 | 08/08/2001 |
| 698539 | SBI002:GB-29:S005015:412 | 08/07/2001 | 08/08/2001 |

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Reproduction of this analytical report is permitted only in its entirety.

Enclosure


Approved By

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

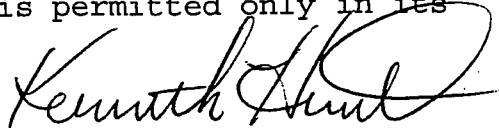
Enclosed is the analytical report for the following samples submitted to the Dayton Division of TestAmerica, Inc. for analysis:

| <u>Sample Number</u> | <u>Sample Description</u> | <u>Date Taken</u> | <u>Date Received</u> |
|----------------------|---------------------------|-------------------|----------------------|
| 698540 | SBI002:GB-31:S000010:412 | 08/07/2001 | 08/08/2001 |
| 698541 | SBI002:GB-33:S000010:412 | 08/07/2001 | 08/08/2001 |
| 698542 | SBI002:GB-34:S000015:412 | 08/07/2001 | 08/08/2001 |
| 698543 | SBI002:GB-35:S000015:412 | 08/07/2001 | 08/08/2001 |
| 698544 | SBI002:GB-35D:S000015:412 | 08/07/2001 | 08/08/2001 |
| 698545 | SBI002:HMW22D:S000020:505 | 08/06/2001 | 08/08/2001 |
| 698547 | SBI002:FB1:W080701:505 | 08/07/2001 | 08/08/2001 |
| 698574 | SBI002:TB1:W080701:505 | 08/08/2001 | 08/08/2001 |

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Reproduction of this analytical report is permitted only in its entirety.

Enclosure


Approved By

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|--------------------------------|--------------------------|----------|------|----------|---------------|--------------|--------------|-----------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | |
| | | | | | | | | | | DATE/TIME TAKEN |
| 698520 | SBI002:HMW7S:S000020:428 | | | | | | | | | 08/07/2001 13:20 |
| Dry Weight | | 77.8 | | % | 08/15/2001 | | 1477 | | emd | SM 2540 G. |
| ICP NONAQUEOUS | | Complete | | | 08/16/2001 | | 1229 | Complete | emd | SW 6010B |
| Arsenic, ICP | | <8.6 | | mg/kg dw | 08/16/2001 | 900 | 2956 | <8.6 | emd | SW 6010B |
| Barium, ICP | | 496 | | mg/kg dw | 08/16/2001 | 900 | 2887 | <1.7 | emd | SW 6010B |
| Cadmium, ICP | | <2.6 | | mg/kg dw | 08/16/2001 | 900 | 2869 | <2.6 | emd | SW 6010B |
| Chromium, ICP | | 9.6 | | mg/kg dw | 08/16/2001 | 900 | 2857 | <3.5 | emd | SW 6010B |
| Lead, ICP | | 388 | | mg/kg dw | 08/16/2001 | 900 | 2858 | <6.8 | emd | SW 6010B |
| Mercury, CVAA | | 0.158 | | mg/kg dw | 08/15/2001 | 606 | 620 | <0.01 | epk | SW 7471A |
| Selenium, ICP | | <8.6 | | mg/kg dw | 08/16/2001 | 900 | 2936 | <8.6 | emd | SW 6010B |
| Silver, ICP | | <3.5 | | mg/kg dw | 08/16/2001 | 900 | 2889 | <3.5 | emd | SW 6010B |
| ICP Digestion, Nonaqueous | | Complete | | | 08/13/2001 | 900 | | Complete | mrt | SW 3050B |
| Mercury Digestion, Non-Aq | | Complete | | | 08/14/2001 | 606 | | Complete | epk | SW 7471A |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | | Complete | | | 08/09/2001 | | 1455 | Complete | bmh | |
| Acetone | | <129 | | ug/kg dw | 08/09/2001 | | 1455 | <129 | bmh | SW 8260A |
| Benzene | | <6.4 | | ug/kg dw | 08/09/2001 | | 1455 | <6.4 | bmh | SW 8260A |
| tert-Butylbenzene | | <6.4 | | ug/kg dw | 08/09/2001 | | 1455 | <6.4 | bmh | SW 8260A |
| sec-Butylbenzene | | <6.4 | | ug/kg dw | 08/09/2001 | | 1455 | <6.4 | bmh | SW 8260A |
| n-Butylbenzene | | <6.4 | | ug/kg dw | 08/09/2001 | | 1455 | <6.4 | bmh | SW 8260A |
| Bromochloromethane | | <6.4 | | ug/kg dw | 08/09/2001 | | 1455 | <6.4 | bmh | SW 8260A |
| Bromodichloromethane | | <6.4 | | ug/kg dw | 08/09/2001 | | 1455 | <6.4 | bmh | SW 8260A |
| Bromoform | | <6.4 | | ug/kg dw | 08/09/2001 | | 1455 | <6.4 | bmh | SW 8260A |
| Bromobenzene | | <6.4 | | ug/kg dw | 08/09/2001 | | 1455 | <6.4 | bmh | SW 8260A |
| 2-Butanone (MEK) | | <64 | | ug/kg dw | 08/09/2001 | | 1455 | <64 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|--------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 698520 | SBI002:HMW7S:S000020:428 | | | | | | | | | DATE/TIME TAKEN 08/07/2001 13:20 |
| Carbon disulfide | | <6.4 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <6.4 | bmh | SW 8260A |
| Carbon tetrachloride | | <6.4 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <6.4 | bmh | SW 8260A |
| Chlorobenzene | | <6.4 | ss | ug/kg dw | 08/09/2001 | 1455 | 1455 | <6.4 | bmh | SW 8260A |
| Chloroethane | | <12.9 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <12.9 | bmh | SW 8260A |
| 2-Chlorotoluene | | <6.4 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <6.4 | bmh | SW 8260A |
| 4-Chlorotoluene | | <6.4 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <6.4 | bmh | SW 8260A |
| Chloroform | | <6.4 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <6.4 | bmh | SW 8260A |
| Chloromethane | | <12.9 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <12.9 | bmh | SW 8260A |
| Dibromochloromethane | | <6.4 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <6.4 | bmh | SW 8260A |
| Dibromomethane | | <6.4 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <6.4 | bmh | SW 8260A |
| Dichlorodifluoromethane | | <6.4 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <6.4 | bmh | SW 8260A |
| 1,2-Dibromo-3-chloropropane | | <6.4 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <6.4 | bmh | SW 8260A |
| 1,2-Dichlorobenzene | | <6.4 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <6.4 | bmh | SW 8260A |
| 1,3-Dichlorobenzene | | <6.4 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <6.4 | bmh | SW 8260A |
| 1,4-Dichlorobenzene | | <6.4 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <6.4 | bmh | SW 8260A |
| 1,1-Dichloroethane | | <6.4 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <6.4 | bmh | SW 8260A |
| 1,2-Dichloroethane | | <6.4 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <6.4 | bmh | SW 8260A |
| 1,1-Dichloroethene | | <6.4 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <6.4 | bmh | SW 8260A |
| cis-1,2-Dichloroethene | | <6.4 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <6.4 | bmh | SW 8260A |
| trans-1,2-Dichloroethene | | <6.4 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <6.4 | bmh | SW 8260A |
| 1,2-Dichloropropane | | <6.4 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <6.4 | bmh | SW 8260A |
| 1,3-Dichloropropane | | <6.4 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <6.4 | bmh | SW 8260A |
| 2,2-Dichloropropane | | <6.4 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <6.4 | bmh | SW 8260A |
| 1,1-Dichloropropene | | <6.4 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <6.4 | bmh | SW 8260A |
| cis-1,3-Dichloropropene | | <6.4 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <6.4 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|--------------------------|--------|------|----------|------------|--------|-------|-----------|---------|------------------------|
| | | | | | Analyzed | Number | Batch | Batch | Limit | |
| | | | | | | | | | | DATE/TIME TAKEN |
| 698520 | SBI002:HMW7S:S000020:428 | | | | | | | | | 08/07/2001 13:20 |
| trans-1,3-Dichloropropene | | <6.4 | | ug/kg dw | 08/09/2001 | | 1455 | <6.4 | bmh | SW 8260A |
| Ethylbenzene | | <6.4 | SS | ug/kg dw | 08/09/2001 | | 1455 | <6.4 | bmh | SW 8260A |
| Hexachlorobutadiene | | <6.4 | | ug/kg dw | 08/09/2001 | | 1455 | <6.4 | bmh | SW 8260A |
| n-Hexane | | <25.7 | | ug/kg dw | 08/09/2001 | | 1455 | <25.7 | bmh | SW 8260A |
| 2-Hexanone | | <64.3 | | ug/kg dw | 08/09/2001 | | 1455 | <64.3 | bmh | SW 8260A |
| Isopropylbenzene (Cumene) | | <6.4 | | ug/kg dw | 08/09/2001 | | 1455 | <6.4 | bmh | SW 8260A |
| p-Isopropyltoluene | | <6.4 | | ug/kg dw | 08/09/2001 | | 1455 | <6.4 | bmh | SW 8260A |
| Bromomethane | | <12.9 | | ug/kg dw | 08/09/2001 | | 1455 | <12.9 | bmh | SW 8260A |
| Methylene Chloride | | <12.9 | | ug/kg dw | 08/09/2001 | | 1455 | <12.9 | bmh | SW 8260A |
| Methyl t-butyl ether (MTBE) | | <6.4 | | ug/kg dw | 08/09/2001 | | 1455 | <6.4 | bmh | SW 8260A |
| 4-Methyl-2-pentanone (MIBK) | | <64.3 | | ug/kg dw | 08/09/2001 | | 1455 | <64.3 | bmh | SW 8260A |
| n-Propylbenzene | | <6.4 | | ug/kg dw | 08/09/2001 | | 1455 | <6.4 | bmh | SW 8260A |
| Styrene | | <6.4 | | ug/kg dw | 08/09/2001 | | 1455 | <6.4 | bmh | SW 8260A |
| Naphthalene | | <6.4 | | ug/kg dw | 08/09/2001 | | 1455 | <6.4 | bmh | SW 8260A |
| 1,1,1,2-Tetrachloroethane | | <6.4 | | ug/kg dw | 08/09/2001 | | 1455 | <6.4 | bmh | SW 8260A |
| 1,1,2,2-Tetrachloroethane | | <6.4 | | ug/kg dw | 08/09/2001 | | 1455 | <6.4 | bmh | SW 8260A |
| Tetrachloroethene | | <6.4 | | ug/kg dw | 08/09/2001 | | 1455 | <6.4 | bmh | SW 8260A |
| Toluene | | <6.4 | SS | ug/kg dw | 08/09/2001 | | 1455 | <6.4 | bmh | SW 8260A |
| 1,2,4-Trichlorobenzene | | <6.4 | | ug/kg dw | 08/09/2001 | | 1455 | <6.4 | bmh | SW 8260A |
| 1,1,1-Trichloroethane | | <6.4 | | ug/kg dw | 08/09/2001 | | 1455 | <6.4 | bmh | SW 8260A |
| 1,1,2-Trichloroethane | | <6.4 | | ug/kg dw | 08/09/2001 | | 1455 | <6.4 | bmh | SW 8260A |
| Trichloroethene | | <6.4 | | ug/kg dw | 08/09/2001 | | 1455 | <6.4 | bmh | SW 8260A |
| Trichlorofluoromethane | | <6.4 | | ug/kg dw | 08/09/2001 | | 1455 | <6.4 | bmh | SW 8260A |
| 1,2,3-Trichloropropane | | <6.4 | | ug/kg dw | 08/09/2001 | | 1455 | <6.4 | bmh | SW 8260A |
| 1,2,4-Trimethylbenzene | | <6.4 | | ug/kg dw | 08/09/2001 | | 1455 | <6.4 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|--------------------------------|---------------------------|----------|------|----------|---------------|-------------------|------------------|-----------------|------------------|----------------------------|------------------|
| | | | | | | | | | | | |
| 698520 | SBI002:HMW7S:S000020:428 | | | | | | | | | | 08/07/2001 13:20 |
| 1,3,5-Trimethylbenzene | | <6.4 | | ug/kg dw | 08/09/2001 | | 1455 | <6.4 | bmh | SW 8260A | |
| Vinyl Acetate | | <6.4 | | ug/kg dw | 08/09/2001 | | 1455 | <6.4 | bmh | SW 8260A | |
| Vinyl Chloride | | <2.6 | | ug/kg dw | 08/09/2001 | | 1455 | <2.6 | bmh | SW 8260A | |
| Xylenes, Total | | <6.4 | | ug/kg dw | 08/09/2001 | | 1455 | <6.4 | bmh | SW 8260A | |
| d4-1,2-Dichloroethane (surr) | | 99 | | % | 08/09/2001 | | 1455 | | bmh | SW 8260A | |
| Dibromofluoromethane (surr) | | 92 | | % | 08/09/2001 | | 1455 | | bmh | SW 8260A | |
| d8-Toluene (surr) | | 93 | | % | 08/09/2001 | | 1455 | | bmh | SW 8260A | |
| Bromofluorobenzene (surr) | | 94 | | % | 08/09/2001 | | 1455 | | bmh | SW 8260A | |
| 698521 | SBI002:HMW10S:S040050:428 | | | | | | | | | | 08/07/2001 10:40 |
| Dry Weight | | 87.0 | | % | 08/15/2001 | | 1477 | | mhg | SM 2540 G. | |
| Prep, BNA Non-Aq | | Complete | | | 08/09/2001 | 945 | | Complete | mlr | EPA 625; SW 3540C; SW 3545 | |
| Prep, TPH DRO Nonaq | | Complete | | | 08/10/2001 | 195 | | Complete | lmc | | |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | | Complete | | | 08/09/2001 | | 1455 | Complete | bmh | | |
| Acetone | | <115 | | ug/kg dw | 08/09/2001 | | 1455 | <115 | bmh | SW 8260A | |
| Benzene | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| tert-Butylbenzene | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| sec-Butylbenzene | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|----------|---------------|--------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Number | Batch Number | | Initials | | |
| 698521 | SBI002:HMW10S:S040050:428 | | | | | | | | | | 08/07/2001 10:40 |
| | n-Butylbenzene | <5.7 | | ug/kg dw | 08/09/2001 | 1455 | | <5.7 | bmh | SW 8260A | |
| | Bromochloromethane | <5.7 | | ug/kg dw | 08/09/2001 | 1455 | | <5.7 | bmh | SW 8260A | |
| | Bromodichloromethane | <5.7 | | ug/kg dw | 08/09/2001 | 1455 | | <5.7 | bmh | SW 8260A | |
| | Bromoform | <5.7 | | ug/kg dw | 08/09/2001 | 1455 | | <5.7 | bmh | SW 8260A | |
| | Bromobenzene | <5.7 | | ug/kg dw | 08/09/2001 | 1455 | | <5.7 | bmh | SW 8260A | |
| | 2-Butanone (MEK) | <5.7 | | ug/kg dw | 08/09/2001 | 1455 | | <5.7 | bmh | SW 8260A | |
| | Carbon disulfide | <5.7 | | ug/kg dw | 08/09/2001 | 1455 | | <5.7 | bmh | SW 8260A | |
| | Carbon tetrachloride | <5.7 | | ug/kg dw | 08/09/2001 | 1455 | | <5.7 | bmh | SW 8260A | |
| | Chlorobenzene | <5.7 | | ug/kg dw | 08/09/2001 | 1455 | | <5.7 | bmh | SW 8260A | |
| | Chloroethane | <11.5 | | ug/kg dw | 08/09/2001 | 1455 | | <11.5 | bmh | SW 8260A | |
| | 2-Chlorotoluene | <5.7 | | ug/kg dw | 08/09/2001 | 1455 | | <5.7 | bmh | SW 8260A | |
| | 4-Chlorotoluene | <5.7 | | ug/kg dw | 08/09/2001 | 1455 | | <5.7 | bmh | SW 8260A | |
| | Chloroform | <5.7 | | ug/kg dw | 08/09/2001 | 1455 | | <5.7 | bmh | SW 8260A | |
| | Chloromethane | <11.5 | | ug/kg dw | 08/09/2001 | 1455 | | <11.5 | bmh | SW 8260A | |
| | Dibromochloromethane | <5.7 | | ug/kg dw | 08/09/2001 | 1455 | | <5.7 | bmh | SW 8260A | |
| | Dibromomethane | <5.7 | | ug/kg dw | 08/09/2001 | 1455 | | <5.7 | bmh | SW 8260A | |
| | Dichlorodifluoromethane | <5.7 | | ug/kg dw | 08/09/2001 | 1455 | | <5.7 | bmh | SW 8260A | |
| | 1,2-Dibromo-3-chloropropane | <5.7 | | ug/kg dw | 08/09/2001 | 1455 | | <5.7 | bmh | SW 8260A | |
| | 1,2-Dichlorobenzene | <5.7 | | ug/kg dw | 08/09/2001 | 1455 | | <5.7 | bmh | SW 8260A | |
| | 1,3-Dichlorobenzene | <5.7 | | ug/kg dw | 08/09/2001 | 1455 | | <5.7 | bmh | SW 8260A | |
| | 1,4-Dichlorobenzene | <5.7 | | ug/kg dw | 08/09/2001 | 1455 | | <5.7 | bmh | SW 8260A | |
| | 1,1-Dichloroethane | <5.7 | | ug/kg dw | 08/09/2001 | 1455 | | <5.7 | bmh | SW 8260A | |
| | 1,2-Dichloroethane | <5.7 | | ug/kg dw | 08/09/2001 | 1455 | | <5.7 | bmh | SW 8260A | |
| | 1,1-Dichloroethene | <5.7 | | ug/kg dw | 08/09/2001 | 1455 | | <5.7 | bmh | SW 8260A | |
| | cis-1,2-Dichloroethene | <5.7 | | ug/kg dw | 08/09/2001 | 1455 | | <5.7 | bmh | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|----------|------------|-------|-------|-----------|---------|------------------|------------------|
| | | | | | Analyzed | Batch | Batch | | Limit | | |
| 698521 | SBI002:HMW10S:S040050:428 | | | | | | | | | | 08/07/2001 10:40 |
| | trans-1,2-Dichloroethene | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| | 1,2-Dichloropropane | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| | 1,3-Dichloropropane | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| | 2,2-Dichloropropane | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| | 1,1-Dichloropropene | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| | cis-1,3-Dichloropropene | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| | trans-1,3-Dichloropropene | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| | Ethylbenzene | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| | Hexachlorobutadiene | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| | n-Hexane | <23.0 | | ug/kg dw | 08/09/2001 | | 1455 | <23.0 | bmh | SW 8260A | |
| | 2-Hexanone | <57.5 | | ug/kg dw | 08/09/2001 | | 1455 | <57.5 | bmh | SW 8260A | |
| | Isopropylbenzene (Cumene) | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| | p-Isopropyltoluene | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| | Bromomethane | <11.5 | | ug/kg dw | 08/09/2001 | | 1455 | <11.5 | bmh | SW 8260A | |
| | Methylene Chloride | <11.5 | | ug/kg dw | 08/09/2001 | | 1455 | <11.5 | bmh | SW 8260A | |
| | Methyl t-butyl ether (MTBE) | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| | 4-Methyl-2-pentanone (MIBK) | <57.5 | | ug/kg dw | 08/09/2001 | | 1455 | <57.5 | bmh | SW 8260A | |
| | n-Propylbenzene | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| | Styrene | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| | Naphthalene | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| | 1,1,1,2-Tetrachloroethane | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| | 1,1,2,2-Tetrachloroethane | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| | Tetrachloroethene | 16.0 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| | Toluene | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| | 1,2,4-Trichlorobenzene | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|-------------------------------|---------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 698521 | SBI002:HMW10S:S040050:428 | | | | | | | | | | 08/07/2001 10:40 |
| 1,1,1-Trichloroethane | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| 1,1,2-Trichloroethane | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| Trichloroethene | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| Trichlorofluoromethane | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| 1,2,3-Trichloropropane | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| 1,2,4-Trimethylbenzene | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| 1,3,5-Trimethylbenzene | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| Vinyl Acetate | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| Vinyl Chloride | | <2.3 | | ug/kg dw | 08/09/2001 | | 1455 | <2.3 | bmh | SW 8260A | |
| Xylenes, Total | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| d4-1,2-Dichloroethane (surr) | 102 | | | % | 08/09/2001 | | 1455 | | bmh | SW 8260A | |
| Dibromofluoromethane (surr) | 97 | | | % | 08/09/2001 | | 1455 | | bmh | SW 8260A | |
| d8-Toluene (surr) | 95 | | | % | 08/09/2001 | | 1455 | | bmh | SW 8260A | |
| Bromofluorobenzene (surr) | 95 | | | % | 08/09/2001 | | 1455 | | bmh | SW 8260A | |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | | |
| Acenaphthene | | <379 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <379 | jrjw | SW 8270C | |
| Acenaphthylene | | <379 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <379 | jrjw | SW 8270C | |
| Anthracene | | <379 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <379 | jrjw | SW 8270C | |
| Benzo(a)anthracene | 524 | | | ug/kg dw | 08/10/2001 | 945 | 1454 | <379 | jrjw | SW 8270C | |
| Benzo(b)fluoranthene | 602 | | | ug/kg dw | 08/10/2001 | 945 | 1454 | <379 | jrjw | SW 8270C | |
| Benzo(k)fluoranthene | <379 | | | ug/kg dw | 08/10/2001 | 945 | 1454 | <379 | jrjw | SW 8270C | |
| Benzo(a)pyrene | 246 | | | ug/kg dw | 08/10/2001 | 945 | 1454 | <190 | jrjw | SW 8270C | |
| Benzyl alcohol | <379 | | | ug/kg dw | 08/10/2001 | 945 | 1454 | <379 | jrjw | SW 8270C | |
| Benzyl butyl phthalate | <379 | | | ug/kg dw | 08/10/2001 | 945 | 1454 | <379 | jrjw | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|------------|------------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 698521 | SBI002:HMW10S:S040050:428 | | | | | | | | | | 08/07/2001 10:40 |
| | Bis(2-chloroethyl)ether | <379 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <379 | jrw | SW 8270C | |
| | Bis(2-chloroethoxy)methane | <379 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <379 | jrw | SW 8270C | |
| | Bis(2-ethylhexyl)phthalate | <379 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <379 | jrw | SW 8270C | |
| | 2,2'-oxybis(1-Chloropropane) | <379 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <379 | jrw | SW 8270C | |
| | 4-Bromophenyl phenyl ether | <379 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <379 | jrw | SW 8270C | |
| | 4-Chloroaniline | <379 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <379 | jrw | SW 8270C | |
| | 2-Chloronaphthalene | <379 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <379 | jrw | SW 8270C | |
| | Chrysene | 720 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <379 | jrw | SW 8270C | |
| | Dibenzo(a,h)anthracene | <190 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <190 | jrw | SW 8270C | |
| | Dibenzofuran | <379 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <379 | jrw | SW 8270C | |
| | 1,2-Dichlorobenzene | <379 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <379 | jrw | SW 8270C | |
| | 1,3-Dichlorobenzene | <379 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <379 | jrw | SW 8270C | |
| | 1,4-Dichlorobenzene | <379 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <379 | jrw | SW 8270C | |
| | 3,3'-Dichlorobenzidine | <759 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <759 | jrw | SW 8270C | |
| | Diethyl phthalate | <379 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <379 | jrw | SW 8270C | |
| | Dimethyl phthalate | <379 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <379 | jrw | SW 8270C | |
| | 2,4-Dinitrotoluene | <379 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <379 | jrw | SW 8270C | |
| | 2,6-Dinitrotoluene | <379 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <379 | jrw | SW 8270C | |
| | Di-n-octylphthalate | <379 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <379 | jrw | SW 8270C | |
| | Fluoranthene | 615 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <379 | jrw | SW 8270C | |
| | Fluorene | <379 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <379 | jrw | SW 8270C | |
| | Hexachlorobenzene | <379 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <379 | jrw | SW 8270C | |
| | Hexachloro-1,3-butadiene | <379 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <379 | jrw | SW 8270C | |
| | Hexachlorocyclopentadiene | <759 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <759 | jrw | SW 8270C | |
| | Hexachloroethane | <379 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <379 | jrw | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|--------------------------------|---------------------------|----------|------|----------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 698521 | SBI002:HMW10S:S040050:428 | | | | | | | | | DATE/TIME TAKEN 08/07/2001 10:40 |
| 2,4,6-Trichlorophenol | | <379 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <379 | jrj | SW 8270C |
| Surrogate: d6-Phenol | | 81 | | % | 08/10/2001 | 945 | 1454 | | jrj | SW 8270C |
| Surrogate: 2-Fluorophenol | | 79 | | % | 08/10/2001 | 945 | 1454 | | jrj | SW 8270C |
| Surrogate: Tribromophenol | | 76 | | % | 08/10/2001 | 945 | 1454 | | jrj | SW 8270C |
| TPH - DRO Non-Aqueous | | 931 | | mg/kg dw | 08/13/2001 | 195 | 280 | <11 | mcb | SW 8015M |
| 698522 | SBI002:HMW10S:S100110:428 | | | | | | | | | DATE/TIME TAKEN 08/07/2001 10:50 |
| Dry Weight | | 84.6 | | % | 08/15/2001 | | 1477 | | mhg | SM 2540 G. |
| Prep, BNA Non-Aq | | Complete | | | 08/09/2001 | 945 | | Complete | mlr | EPA 625; SW 3540C; SW 3545 |
| Prep, TPH DRO Nonaq | | Complete | | | 08/10/2001 | 195 | | Complete | lmc | |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | | Complete | | | 08/09/2001 | | 1455 | Complete | bmh | |
| Acetone | | <118 | | ug/kg dw | 08/09/2001 | | 1455 | <118 | bmh | SW 8260A |
| Benzene | | <5.9 | | ug/kg dw | 08/09/2001 | | 1455 | <5.9 | bmh | SW 8260A |
| tert-Butylbenzene | | <5.9 | | ug/kg dw | 08/09/2001 | | 1455 | <5.9 | bmh | SW 8260A |
| sec-Butylbenzene | | <5.9 | | ug/kg dw | 08/09/2001 | | 1455 | <5.9 | bmh | SW 8260A |
| n-Butylbenzene | | <5.9 | | ug/kg dw | 08/09/2001 | | 1455 | <5.9 | bmh | SW 8260A |
| Bromochloromethane | | <5.9 | | ug/kg dw | 08/09/2001 | | 1455 | <5.9 | bmh | SW 8260A |
| Bromodichloromethane | | <5.9 | | ug/kg dw | 08/09/2001 | | 1455 | <5.9 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|---------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 698522 | SBI002:HMW10S:S100110:428 | | | | | | | | | DATE/TIME TAKEN 08/07/2001 10:50 |
| Bromoform | | <5.9 | | ug/kg dw | 08/09/2001 | | 1455 | <5.9 | bmh | SW 8260A |
| Bromobenzene | | <5.9 | | ug/kg dw | 08/09/2001 | | 1455 | <5.9 | bmh | SW 8260A |
| 2-Butanone (MEK) | | <59 | | ug/kg dw | 08/09/2001 | | 1455 | <59 | bmh | SW 8260A |
| Carbon disulfide | | <5.9 | | ug/kg dw | 08/09/2001 | | 1455 | <5.9 | bmh | SW 8260A |
| Carbon tetrachloride | | <5.9 | | ug/kg dw | 08/09/2001 | | 1455 | <5.9 | bmh | SW 8260A |
| Chlorobenzene | | <5.9 | | ug/kg dw | 08/09/2001 | | 1455 | <5.9 | bmh | SW 8260A |
| Chloroethane | | <11.8 | | ug/kg dw | 08/09/2001 | | 1455 | <11.8 | bmh | SW 8260A |
| 2-Chlorotoluene | | <5.9 | | ug/kg dw | 08/09/2001 | | 1455 | <5.9 | bmh | SW 8260A |
| 4-Chlorotoluene | | <5.9 | | ug/kg dw | 08/09/2001 | | 1455 | <5.9 | bmh | SW 8260A |
| Chloroform | | <5.9 | | ug/kg dw | 08/09/2001 | | 1455 | <5.9 | bmh | SW 8260A |
| Chloromethane | | <11.8 | | ug/kg dw | 08/09/2001 | | 1455 | <11.8 | bmh | SW 8260A |
| Dibromochloromethane | | <5.9 | | ug/kg dw | 08/09/2001 | | 1455 | <5.9 | bmh | SW 8260A |
| Dibromomethane | | <5.9 | | ug/kg dw | 08/09/2001 | | 1455 | <5.9 | bmh | SW 8260A |
| Dichlorodifluoromethane | | <5.9 | | ug/kg dw | 08/09/2001 | | 1455 | <5.9 | bmh | SW 8260A |
| 1,2-Dibromo-3-chloropropane | | <5.9 | | ug/kg dw | 08/09/2001 | | 1455 | <5.9 | bmh | SW 8260A |
| 1,2-Dichlorobenzene | | <5.9 | | ug/kg dw | 08/09/2001 | | 1455 | <5.9 | bmh | SW 8260A |
| 1,3-Dichlorobenzene | | <5.9 | | ug/kg dw | 08/09/2001 | | 1455 | <5.9 | bmh | SW 8260A |
| 1,4-Dichlorobenzene | | <5.9 | | ug/kg dw | 08/09/2001 | | 1455 | <5.9 | bmh | SW 8260A |
| 1,1-Dichloroethane | | <5.9 | | ug/kg dw | 08/09/2001 | | 1455 | <5.9 | bmh | SW 8260A |
| 1,2-Dichloroethane | | <5.9 | | ug/kg dw | 08/09/2001 | | 1455 | <5.9 | bmh | SW 8260A |
| 1,1-Dichloroethene | | <5.9 | | ug/kg dw | 08/09/2001 | | 1455 | <5.9 | bmh | SW 8260A |
| cis-1,2-Dichloroethene | | <5.9 | | ug/kg dw | 08/09/2001 | | 1455 | <5.9 | bmh | SW 8260A |
| trans-1,2-Dichloroethene | | <5.9 | | ug/kg dw | 08/09/2001 | | 1455 | <5.9 | bmh | SW 8260A |
| 1,2-Dichloropropane | | <5.9 | | ug/kg dw | 08/09/2001 | | 1455 | <5.9 | bmh | SW 8260A |
| 1,3-Dichloropropane | | <5.9 | | ug/kg dw | 08/09/2001 | | 1455 | <5.9 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|-----------------------------|---------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 698522 | SBI002:HMW10S:S100110:428 | | | | | | | | | | 08/07/2001 10:50 |
| 2,2-Dichloropropane | | <5.9 | | ug/kg dw | 08/09/2001 | 1455 | | <5.9 | bmh | SW 8260A | |
| 1,1-Dichloropropene | | <5.9 | | ug/kg dw | 08/09/2001 | 1455 | | <5.9 | bmh | SW 8260A | |
| cis-1,3-Dichloropropene | | <5.9 | | ug/kg dw | 08/09/2001 | 1455 | | <5.9 | bmh | SW 8260A | |
| trans-1,3-Dichloropropene | | <5.9 | | ug/kg dw | 08/09/2001 | 1455 | | <5.9 | bmh | SW 8260A | |
| Ethylbenzene | | <5.9 | | ug/kg dw | 08/09/2001 | 1455 | | <5.9 | bmh | SW 8260A | |
| Hexachlorobutadiene | | <5.9 | | ug/kg dw | 08/09/2001 | 1455 | | <5.9 | bmh | SW 8260A | |
| n-Hexane | | <23.6 | | ug/kg dw | 08/09/2001 | 1455 | | <23.6 | bmh | SW 8260A | |
| 2-Hexanone | | <59.1 | | ug/kg dw | 08/09/2001 | 1455 | | <59.1 | bmh | SW 8260A | |
| Isopropylbenzene (Cumene) | | <5.9 | | ug/kg dw | 08/09/2001 | 1455 | | <5.9 | bmh | SW 8260A | |
| p-Isopropyltoluene | | <5.9 | | ug/kg dw | 08/09/2001 | 1455 | | <5.9 | bmh | SW 8260A | |
| Bromomethane | | <11.8 | | ug/kg dw | 08/09/2001 | 1455 | | <11.8 | bmh | SW 8260A | |
| Methylene Chloride | | <11.8 | | ug/kg dw | 08/09/2001 | 1455 | | <11.8 | bmh | SW 8260A | |
| Methyl t-butyl ether (MTBE) | | <5.9 | | ug/kg dw | 08/09/2001 | 1455 | | <5.9 | bmh | SW 8260A | |
| 4-Methyl-2-pentanone (MIBK) | | <59.1 | | ug/kg dw | 08/09/2001 | 1455 | | <59.1 | bmh | SW 8260A | |
| n-Propylbenzene | | <5.9 | | ug/kg dw | 08/09/2001 | 1455 | | <5.9 | bmh | SW 8260A | |
| Styrene | | <5.9 | | ug/kg dw | 08/09/2001 | 1455 | | <5.9 | bmh | SW 8260A | |
| Naphthalene | | <5.9 | | ug/kg dw | 08/09/2001 | 1455 | | <5.9 | bmh | SW 8260A | |
| 1,1,1,2-Tetrachloroethane | | <5.9 | | ug/kg dw | 08/09/2001 | 1455 | | <5.9 | bmh | SW 8260A | |
| 1,1,2,2-Tetrachloroethane | | <5.9 | | ug/kg dw | 08/09/2001 | 1455 | | <5.9 | bmh | SW 8260A | |
| Tetrachloroethene | | <5.9 | | ug/kg dw | 08/09/2001 | 1455 | | <5.9 | bmh | SW 8260A | |
| Toluene | | <5.9 | | ug/kg dw | 08/09/2001 | 1455 | | <5.9 | bmh | SW 8260A | |
| 1,2,4-Trichlorobenzene | | <5.9 | | ug/kg dw | 08/09/2001 | 1455 | | <5.9 | bmh | SW 8260A | |
| 1,1,1-Trichloroethane | | <5.9 | | ug/kg dw | 08/09/2001 | 1455 | | <5.9 | bmh | SW 8260A | |
| 1,1,2-Trichloroethane | | <5.9 | | ug/kg dw | 08/09/2001 | 1455 | | <5.9 | bmh | SW 8260A | |
| Trichloroethene | | <5.9 | | ug/kg dw | 08/09/2001 | 1455 | | <5.9 | bmh | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------|------------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 698522 | SBI002:HMW10S:S100110:428 | | | | | | | | | DATE/TIME TAKEN 08/07/2001 10:50 |
| | 2,2'-oxybis(1-Chloropropane) | <390 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <390 | jrjw | SW 8270C |
| | 4-Bromophenyl phenyl ether | <390 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <390 | jrjw | SW 8270C |
| | 4-Chloroaniline | <390 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <390 | jrjw | SW 8270C |
| | 2-Chloronaphthalene | <390 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <390 | jrjw | SW 8270C |
| | Chrysene | <390 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <390 | jrjw | SW 8270C |
| | Dibenzo(a,h)anthracene | <195 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <195 | jrjw | SW 8270C |
| | Dibenzofuran | <390 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <390 | jrjw | SW 8270C |
| | 1,2-Dichlorobenzene | <390 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <390 | jrjw | SW 8270C |
| | 1,3-Dichlorobenzene | <390 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <390 | jrjw | SW 8270C |
| | 1,4-Dichlorobenzene | <390 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <390 | jrjw | SW 8270C |
| | 3,3'-Dichlorobenzidine | <780 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <780 | jrjw | SW 8270C |
| | Diethyl phthalate | <390 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <390 | jrjw | SW 8270C |
| | Dimethyl phthalate | <390 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <390 | jrjw | SW 8270C |
| | 2,4-Dinitrotoluene | <390 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <390 | jrjw | SW 8270C |
| | 2,6-Dinitrotoluene | <390 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <390 | jrjw | SW 8270C |
| | Di-n-octylphthalate | <390 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <390 | jrjw | SW 8270C |
| | Fluoranthene | <390 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <390 | jrjw | SW 8270C |
| | Fluorene | <390 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <390 | jrjw | SW 8270C |
| | Hexachlorobenzene | <390 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <390 | jrjw | SW 8270C |
| | Hexachloro-1,3-butadiene | <390 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <390 | jrjw | SW 8270C |
| | Hexachlorocyclopentadiene | <780 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <780 | jrjw | SW 8270C |
| | Hexachloroethane | <390 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <390 | jrjw | SW 8270C |
| | Indeno(1,2,3-cd)pyrene | <390 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <390 | jrjw | SW 8270C |
| | Isophorone | <390 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <390 | jrjw | SW 8270C |
| | Naphthalene | <390 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <390 | jrjw | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------------------------|---------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 698522 | SBI002:HMW10S:S100110:428 | | | | | | | | | DATE/TIME TAKEN 08/07/2001 10:50 |
| Nitrobenzene | | <390 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <390 | jrj | SW 8270C |
| N-Nitrosodi-n-propylamine | | <390 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <390 | jrj | SW 8270C |
| Phenanthrene | | <390 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <390 | jrj | SW 8270C |
| Pyrene | | <390 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <390 | jrj | SW 8270C |
| 1,2,4-Trichlorobenzene | | <390 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <390 | jrj | SW 8270C |
| Surrogate: d5-Nitrobenzene | | 87 | | % | 08/10/2001 | 945 | 1454 | | jrj | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 92 | | % | 08/10/2001 | 945 | 1454 | | jrj | SW 8270C |
| Surrogate: d14-Terphenyl | | 96 | | % | 08/10/2001 | 945 | 1454 | | jrj | SW 8270C |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | |
| Benzoic Acid | | <1,950 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <1,950 | jrj | SW 8270C |
| 4-Chloro-3-methylphenol | | <390 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <390 | jrj | SW 8270C |
| 2-Chlorophenol | | <390 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <390 | jrj | SW 8270C |
| 2,4-Dichlorophenol | | <390 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <390 | jrj | SW 8270C |
| 2,4-Dimethylphenol | | <390 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <390 | jrj | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | | <390 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <390 | jrj | SW 8270C |
| 2-Methylphenol | | <390 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <390 | jrj | SW 8270C |
| meta & para-Methylphenol | | <390 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <390 | jrj | SW 8270C |
| 2-Nitrophenol | | <390 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <390 | jrj | SW 8270C |
| Pentachlorophenol | | <390 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <390 | jrj | SW 8270C |
| Phenol | | <390 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <390 | jrj | SW 8270C |
| 2,4,5-Trichlorophenol | | <390 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <390 | jrj | SW 8270C |
| 2,4,6-Trichlorophenol | | <390 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <390 | jrj | SW 8270C |
| Surrogate: d6-Phenol | | 84 | | % | 08/10/2001 | 945 | 1454 | | jrj | SW 8270C |
| Surrogate: 2-Fluorophenol | | 77 | | % | 08/10/2001 | 945 | 1454 | | jrj | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|---------------------------|---------------------------|----------|------|----------|---------------|-------------------|------------------|-----------------|------------------|----------------------------|------------------|
| | | | | | | | | | | | |
| 698522 | SBI002:HMW10S:S100110:428 | | | | | | | | | | 08/07/2001 10:50 |
| Surrogate: Tribromophenol | | 82 | | % | 08/10/2001 | 945 | 1454 | | jrw | SW 8270C | |
| TPH - DRO Non-Aqueous | | 42.4 | | mg/kg dw | 08/13/2001 | 195 | 280 | <12 | meb | SW 8015M | |
| 698523 | SBI002:SB6:S100110:428 | | | | | | | | | | 08/06/2001 12:40 |
| Dry Weight | | 93.9 | | % | 08/15/2001 | | 1477 | | mhg | SM 2540 G. | |
| ICP NONAQUEOUS | | Complete | | | 08/16/2001 | | 1229 | Complete | emd | SW 6010B | |
| Arsenic, ICP | | 3.5 | | mg/kg dw | 08/16/2001 | 900 | 2956 | <3.5 | emd | SW 6010B | |
| Barium, ICP | | 24.0 | | mg/kg dw | 08/16/2001 | 900 | 2887 | <0.69 | emd | SW 6010B | |
| Cadmium, ICP | | <1.0 | | mg/kg dw | 08/16/2001 | 900 | 2869 | <1.0 | emd | SW 6010B | |
| Chromium, ICP | | 5.2 | | mg/kg dw | 08/16/2001 | 900 | 2857 | <1.4 | emd | SW 6010B | |
| Lead, ICP | | 32.3 | | mg/kg dw | 08/16/2001 | 900 | 2858 | <2.8 | emd | SW 6010B | |
| Mercury, CVAA | | 0.096 | | mg/kg dw | 08/15/2001 | 606 | 620 | <0.009 | epk | SW 7471A | |
| Selenium, ICP | | <3.5 | | mg/kg dw | 08/16/2001 | 900 | 2936 | <3.5 | emd | SW 6010B | |
| Silver, ICP | | <1.4 | | mg/kg dw | 08/16/2001 | 900 | 2889 | <1.4 | emd | SW 6010B | |
| ICP Digestion, Nonaqueous | | Complete | | | 08/13/2001 | 900 | | Complete | mrt | SW 3050B | |
| Mercury Digestion, Non-Aq | | Complete | | | 08/14/2001 | 606 | | Complete | epk | SW 7471A | |
| Prep, BNA Non-Aq | | Complete | | | 08/09/2001 | 945 | | Complete | mlr | EPA 625; SW 3540C; SW 3545 | |
| Prep, TPH DRO Nonaq | | Complete | | | 08/10/2001 | 195 | | Complete | lmc | | |

VOLATILE COMPOUNDS-8260 Non-Aq

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|-----------------------------|--------------------|----------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|-----------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 8260 - SW846 (Non-aq) | Complete | | | | 08/09/2001 | 1455 | 1455 | Complete | bmh | | |
| Acetone | <106 | ug/kg dw | | | 08/09/2001 | 1455 | 1455 | <106 | bmh | SW 8260A | |
| Benzene | <5.3 | ug/kg dw | | | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A | |
| tert-Butylbenzene | <5.3 | ug/kg dw | | | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A | |
| sec-Butylbenzene | <5.3 | ug/kg dw | | | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A | |
| n-Butylbenzene | <5.3 | ug/kg dw | | | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A | |
| Bromochloromethane | <5.3 | ug/kg dw | | | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A | |
| Bromodichloromethane | <5.3 | ug/kg dw | | | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A | |
| Bromoform | <5.3 | ug/kg dw | | | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A | |
| Bromobenzene | <5.3 | ug/kg dw | | | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A | |
| 2-Butanone (MEK) | <53 | ug/kg dw | | | 08/09/2001 | 1455 | 1455 | <53 | bmh | SW 8260A | |
| Carbon disulfide | <5.3 | ug/kg dw | | | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A | |
| Carbon tetrachloride | <5.3 | ug/kg dw | | | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A | |
| Chlorobenzene | <5.3 | ug/kg dw | | | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A | |
| Chloroethane | <10.6 | ug/kg dw | | | 08/09/2001 | 1455 | 1455 | <10.6 | bmh | SW 8260A | |
| 2-Chlorotoluene | <5.3 | ug/kg dw | | | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A | |
| 4-Chlorotoluene | <5.3 | ug/kg dw | | | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A | |
| Chloroform | <5.3 | ug/kg dw | | | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A | |
| Chloromethane | <10.6 | ug/kg dw | | | 08/09/2001 | 1455 | 1455 | <10.6 | bmh | SW 8260A | |
| Dibromochloromethane | <5.3 | ug/kg dw | | | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A | |
| Dibromomethane | <5.3 | ug/kg dw | | | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A | |
| Dichlorodifluoromethane | <5.3 | ug/kg dw | | | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A | |
| 1,2-Dibromo-3-chloropropane | <5.3 | ug/kg dw | | | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A | |
| 1,2-Dichlorobenzene | <5.3 | ug/kg dw | | | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A | |
| 1,3-Dichlorobenzene | <5.3 | ug/kg dw | | | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|-----------------------------|------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 698523 | SBI002:SB6:S100110:428 | | | | | | | | | | 08/06/2001 12:40 |
| 1,4-Dichlorobenzene | | <5.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A | |
| 1,1-Dichloroethane | | <5.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A | |
| 1,2-Dichloroethane | | <5.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A | |
| 1,1-Dichloroethene | | <5.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A | |
| cis-1,2-Dichloroethene | | <5.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A | |
| trans-1,2-Dichloroethene | | <5.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A | |
| 1,2-Dichloropropane | | <5.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A | |
| 1,3-Dichloropropane | | <5.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A | |
| 2,2-Dichloropropane | | <5.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A | |
| 1,1-Dichloropropene | | <5.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A | |
| cis-1,3-Dichloropropene | | <5.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A | |
| trans-1,3-Dichloropropene | | <5.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A | |
| Ethylbenzene | | <5.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A | |
| Hexachlorobutadiene | | <5.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A | |
| n-Hexane | | <21.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <21.3 | bmh | SW 8260A | |
| 2-Hexanone | | <53.2 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <53.2 | bmh | SW 8260A | |
| Isopropylbenzene (Cumene) | | <5.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A | |
| p-Isopropyltoluene | | <5.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A | |
| Bromomethane | | <10.6 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <10.6 | bmh | SW 8260A | |
| Methylene Chloride | | <10.6 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <10.6 | bmh | SW 8260A | |
| Methyl t-butyl ether (MTBE) | | <5.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A | |
| 4-Methyl-2-pentanone (MIBK) | | <53.2 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <53.2 | bmh | SW 8260A | |
| n-Propylbenzene | | <5.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A | |
| Styrene | | <5.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A | |
| Naphthalene | | <5.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-------------------------------|------------------------|--------|------|------------|----------|-------|-------|-----------|----------|------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| | | | | | | | | | | DATE/TIME TAKEN |
| 698523 | SBI002:SB6:S100110:428 | | | | | | | | | 08/06/2001 12:40 |
| 1,1,1,2-Tetrachloroethane | <5.3 | ug/kg | dw | 08/09/2001 | 1455 | <5.3 | bmh | SW 8260A | | |
| 1,1,2,2-Tetrachloroethane | <5.3 | ug/kg | dw | 08/09/2001 | 1455 | <5.3 | bmh | SW 8260A | | |
| Tetrachloroethene | <5.3 | ug/kg | dw | 08/09/2001 | 1455 | <5.3 | bmh | SW 8260A | | |
| Toluene | <5.3 | ug/kg | dw | 08/09/2001 | 1455 | <5.3 | bmh | SW 8260A | | |
| 1,2,4-Trichlorobenzene | <5.3 | ug/kg | dw | 08/09/2001 | 1455 | <5.3 | bmh | SW 8260A | | |
| 1,1,1-Trichloroethane | <5.3 | ug/kg | dw | 08/09/2001 | 1455 | <5.3 | bmh | SW 8260A | | |
| 1,1,2-Trichloroethane | <5.3 | ug/kg | dw | 08/09/2001 | 1455 | <5.3 | bmh | SW 8260A | | |
| Trichloroethene | <5.3 | ug/kg | dw | 08/09/2001 | 1455 | <5.3 | bmh | SW 8260A | | |
| Trichlorofluoromethane | <5.3 | ug/kg | dw | 08/09/2001 | 1455 | <5.3 | bmh | SW 8260A | | |
| 1,2,3-Trichloropropane | <5.3 | ug/kg | dw | 08/09/2001 | 1455 | <5.3 | bmh | SW 8260A | | |
| 1,2,4-Trimethylbenzene | <5.3 | ug/kg | dw | 08/09/2001 | 1455 | <5.3 | bmh | SW 8260A | | |
| 1,3,5-Trimethylbenzene | <5.3 | ug/kg | dw | 08/09/2001 | 1455 | <5.3 | bmh | SW 8260A | | |
| Vinyl Acetate | <5.3 | ug/kg | dw | 08/09/2001 | 1455 | <5.3 | bmh | SW 8260A | | |
| Vinyl Chloride | <2.1 | ug/kg | dw | 08/09/2001 | 1455 | <2.1 | bmh | SW 8260A | | |
| Xylenes, Total | <5.3 | ug/kg | dw | 08/09/2001 | 1455 | <5.3 | bmh | SW 8260A | | |
| d4-1,2-Dichloroethane (surr) | 103 | % | | 08/09/2001 | 1455 | | bmh | SW 8260A | | |
| Dibromofluoromethane (surr) | 99 | % | | 08/09/2001 | 1455 | | bmh | SW 8260A | | |
| d8-Toluene (surr) | 91 | % | | 08/09/2001 | 1455 | | bmh | SW 8260A | | |
| Bromofluorobenzene (surr) | 94 | % | | 08/09/2001 | 1455 | | bmh | SW 8260A | | |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| Acenaphthene | <351 | ug/kg | dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C | |
| Acenaphthylene | <351 | ug/kg | dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C | |
| Anthracene | <351 | ug/kg | dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C | |
| Benzo(a)anthracene | <351 | ug/kg | dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C | |

ANALYTICAL REPORT

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6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|------------------------------|--------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | 08/06/2001 12:40 |
| | Benzo(b) fluoranthene | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C | |
| | Benzo(k) fluoranthene | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C | |
| | Benzo(a)pyrene | <176 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <176 | jcs | SW 8270C | |
| | Benzyl alcohol | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C | |
| | Benzyl butyl phthalate | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C | |
| | Bis(2-chloroethyl) ether | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C | |
| | Bis(2-chloroethoxy)methane | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C | |
| | Bis(2-ethylhexyl)phthalate | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C | |
| | 2,2'-oxybis(1-Chloropropane) | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C | |
| | 4-Bromophenyl phenyl ether | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C | |
| | 4-Chloroaniline | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C | |
| | 2-Chloronaphthalene | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C | |
| | Chrysene | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <176 | jcs | SW 8270C | |
| | Dibenzo(a,h)anthracene | <176 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <176 | jcs | SW 8270C | |
| | Dibenzofuran | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C | |
| | 1,2-Dichlorobenzene | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C | |
| | 1,3-Dichlorobenzene | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C | |
| | 1,4-Dichlorobenzene | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C | |
| | 3,3'-Dichlorobenzidine | <703 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <703 | jcs | SW 8270C | |
| | Diethyl phthalate | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C | |
| | Dimethyl phthalate | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C | |
| | 2,4-Dinitrotoluene | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C | |
| | 2,6-Dinitrotoluene | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C | |
| | Di-n-octylphthalate | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C | |
| | Fluoranthene | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------------------------|------------------------|--------|------|----------|------------|-------|-------|-----------|----------|------------------------|
| | | | | | Analyzed | Batch | Batch | | Initials | |
| 698523 | SBI002:SB6:S100110:428 | | | | | | | | | |
| | | | | | | | | | | DATE/TIME TAKEN |
| | | | | | | | | | | 08/06/2001 12:40 |
| Fluorene | | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C |
| Hexachlorobenzene | | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C |
| Hexachloro-1,3-butadiene | | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C |
| Hexachlorocyclopentadiene | | <703 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <703 | jcs | SW 8270C |
| Hexachloroethane | | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C |
| Indeno(1,2,3-cd)pyrene | | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C |
| Isophorone | | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C |
| Naphthalene | | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C |
| Nitrobenzene | | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C |
| N-Nitrosodi-n-propylamine | | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C |
| Phenanthrene | | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C |
| Pyrene | | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C |
| 1,2,4-Trichlorobenzene | | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C |
| Surrogate: d5-Nitrobenzene | | 87 | | % | 08/10/2001 | 945 | 1454 | | jcs | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 82 | | % | 08/10/2001 | 945 | 1454 | | jcs | SW 8270C |
| Surrogate: d14-Terphenyl | | 86 | | % | 08/10/2001 | 945 | 1454 | | jcs | SW 8270C |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | |
| Benzoic Acid | | <1,760 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <1,760 | jcs | SW 8270C |
| 4-Chloro-3-methylphenol | | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C |
| 2-Chlorophenol | | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C |
| 2,4-Dichlorophenol | | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C |
| 2,4-Dimethylphenol | | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C |
| 2-Methylphenol | | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
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6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|---------------------------|--------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | DATE/TIME TAKEN |
| 698523 | SBI002:SB6:S100110:428 | | | | | | | | | | 08/06/2001 12:40 |
| | meta & para-Methylphenol | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C | |
| | 2-Nitrophenol | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C | |
| | Pentachlorophenol | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C | |
| | Phenol | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C | |
| | 2,4,5-Trichlorophenol | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C | |
| | 2,4,6-Trichlorophenol | <351 | | ug/kg dw | 08/10/2001 | 945 | 1454 | <351 | jcs | SW 8270C | |
| | Surrogate: d6-Phenol | 80 | | % | 08/10/2001 | 945 | 1454 | | jcs | SW 8270C | |
| | Surrogate: 2-Fluorophenol | 75 | | % | 08/10/2001 | 945 | 1454 | | jcs | SW 8270C | |
| | Surrogate: Tribromophenol | 77 | | % | 08/10/2001 | 945 | 1454 | | jcs | SW 8270C | |
| | TPH - DRO Non-Aqueous | 25.8 | | mg/kg dw | 08/13/2001 | 195 | 280 | <11 | mcb | SW 8015M | |
| | TPH - GRO (Non-Aqueous) | <5 | | mg/kg dw | 08/13/2001 | | 246 | <5 | mcb | SW 8015M | |

| SAMPLE NO. | SAMPLE DESCRIPTION | DATE/TIME TAKEN |
|------------|------------------------|---|
| 698524 | SBI002:SB6:S140150:428 | 08/06/2001 12:50 |
| | Dry Weight | 90.8 % 08/15/2001 1477 |
| | ICP NONAQUEOUS | Complete 08/16/2001 1229 Complete |
| | Arsenic, ICP | <3.6 mg/kg dw 08/16/2001 900 2956 <3.6 emd SW 6010B |
| | Barium, ICP | 15 mg/kg dw 08/16/2001 900 2887 <0.73 emd SW 6010B |
| | Cadmium, ICP | <1.1 mg/kg dw 08/16/2001 900 2869 <1.1 emd SW 6010B |
| | Chromium, ICP | 4.7 mg/kg dw 08/16/2001 900 2857 <1.4 emd SW 6010B |
| | Lead, ICP | 14 mg/kg dw 08/16/2001 900 2858 <3.0 emd SW 6010B |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference | DATE/TIME TAKEN |
|--------------------------------|------------------------|----------|------|----------|------------|-------|-------|-----------|----------|----------------------------|------------------|
| | | | | | Analyzed | Batch | Batch | | Initials | | |
| 698524 | SBI002:SB6:S140150:428 | | | | | | | | | | 08/06/2001 12:50 |
| Mercury, CVAA | | 0.043 | | mg/kg dw | 08/15/2001 | 606 | 620 | <0.009 | epk | SW 7471A | |
| Selenium, ICP | | <3.6 | | mg/kg dw | 08/16/2001 | 900 | 2936 | <3.6 | emd | SW 6010B | |
| Silver, ICP | | <1.4 | | mg/kg dw | 08/16/2001 | 900 | 2889 | <1.4 | emd | SW 6010B | |
| ICP Digestion, Nonaqueous | | Complete | | | 08/13/2001 | 900 | | Complete | mrt | SW 3050B | |
| Mercury Digestion, Non-Aq | | Complete | | | 08/14/2001 | 606 | | Complete | epk | SW 7471A | |
| Prep, BNA Non-Aq | | Complete | | | 08/13/2001 | 946 | | Complete | mem | EPA 625; SW 3540C; SW 3545 | |
| Prep, TPH DRO Nonaq | | Complete | | | 08/10/2001 | 195 | | Complete | lmc | | |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | | Complete | | | 08/09/2001 | | 1455 | Complete | bmh | | |
| Acetone | | <110 | | ug/kg dw | 08/09/2001 | | 1455 | <110 | bmh | SW 8260A | |
| Benzene | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A | |
| tert-Butylbenzene | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A | |
| sec-Butylbenzene | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A | |
| n-Butylbenzene | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A | |
| Bromochloromethane | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A | |
| Bromodichloromethane | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A | |
| Bromoform | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A | |
| Bromobenzene | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A | |
| 2-Butanone (MEK) | | <55 | | ug/kg dw | 08/09/2001 | | 1455 | <55 | bmh | SW 8260A | |
| Carbon disulfide | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A | |
| Carbon tetrachloride | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A | |
| Chlorobenzene | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A | |
| Chloroethane | | <11.0 | | ug/kg dw | 08/09/2001 | | 1455 | <11.0 | bmh | SW 8260A | |
| 2-Chlorotoluene | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|-----------------------------|------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 698524 | SBI002:SB6:S140150:428 | | | | | | | | | | 08/06/2001 12:50 |
| 4-Chlorotoluene | | <5.5 | | ug/kg dw | 08/09/2001 | 1455 | | <5.5 | bmh | SW 8260A | |
| Chloroform | | <5.5 | | ug/kg dw | 08/09/2001 | 1455 | | <5.5 | bmh | SW 8260A | |
| Chloromethane | | <11.0 | | ug/kg dw | 08/09/2001 | 1455 | | <11.0 | bmh | SW 8260A | |
| Dibromochloromethane | | <5.5 | | ug/kg dw | 08/09/2001 | 1455 | | <5.5 | bmh | SW 8260A | |
| Dibromomethane | | <5.5 | | ug/kg dw | 08/09/2001 | 1455 | | <5.5 | bmh | SW 8260A | |
| Dichlorodifluoromethane | | <5.5 | | ug/kg dw | 08/09/2001 | 1455 | | <5.5 | bmh | SW 8260A | |
| 1,2-Dibromo-3-chloropropane | | <5.5 | | ug/kg dw | 08/09/2001 | 1455 | | <5.5 | bmh | SW 8260A | |
| 1,2-Dichlorobenzene | | <5.5 | | ug/kg dw | 08/09/2001 | 1455 | | <5.5 | bmh | SW 8260A | |
| 1,3-Dichlorobenzene | | <5.5 | | ug/kg dw | 08/09/2001 | 1455 | | <5.5 | bmh | SW 8260A | |
| 1,4-Dichlorobenzene | | <5.5 | | ug/kg dw | 08/09/2001 | 1455 | | <5.5 | bmh | SW 8260A | |
| 1,1-Dichloroethane | | <5.5 | | ug/kg dw | 08/09/2001 | 1455 | | <5.5 | bmh | SW 8260A | |
| 1,2-Dichloroethane | | <5.5 | | ug/kg dw | 08/09/2001 | 1455 | | <5.5 | bmh | SW 8260A | |
| 1,1-Dichloroethene | | <5.5 | | ug/kg dw | 08/09/2001 | 1455 | | <5.5 | bmh | SW 8260A | |
| cis-1,2-Dichloroethene | | <5.5 | | ug/kg dw | 08/09/2001 | 1455 | | <5.5 | bmh | SW 8260A | |
| trans-1,2-Dichloroethene | | <5.5 | | ug/kg dw | 08/09/2001 | 1455 | | <5.5 | bmh | SW 8260A | |
| 1,2-Dichloropropane | | <5.5 | | ug/kg dw | 08/09/2001 | 1455 | | <5.5 | bmh | SW 8260A | |
| 1,3-Dichloropropane | | <5.5 | | ug/kg dw | 08/09/2001 | 1455 | | <5.5 | bmh | SW 8260A | |
| 2,2-Dichloropropane | | <5.5 | | ug/kg dw | 08/09/2001 | 1455 | | <5.5 | bmh | SW 8260A | |
| 1,1-Dichloropropene | | <5.5 | | ug/kg dw | 08/09/2001 | 1455 | | <5.5 | bmh | SW 8260A | |
| cis-1,3-Dichloropropene | | <5.5 | | ug/kg dw | 08/09/2001 | 1455 | | <5.5 | bmh | SW 8260A | |
| trans-1,3-Dichloropropene | | <5.5 | | ug/kg dw | 08/09/2001 | 1455 | | <5.5 | bmh | SW 8260A | |
| Ethylbenzene | | <5.5 | | ug/kg dw | 08/09/2001 | 1455 | | <5.5 | bmh | SW 8260A | |
| Hexachlorobutadiene | | <5.5 | | ug/kg dw | 08/09/2001 | 1455 | | <5.5 | bmh | SW 8260A | |
| n-Hexane | | <22.0 | | ug/kg dw | 08/09/2001 | 1455 | | <22.0 | bmh | SW 8260A | |
| 2-Hexanone | | <55.1 | | ug/kg dw | 08/09/2001 | 1455 | | <55.1 | bmh | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference | DATE/TIME TAKEN |
|------------------------------|------------------------|--------|------|----------|------------|-------|-------|-----------|---------|------------------|------------------|
| | | | | | Analyzed | Batch | Batch | | Limit | | |
| 698524 | SBI002:SB6:S140150:428 | | | | | | | | | | 08/06/2001 12:50 |
| Isopropylbenzene (Cumene) | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A | |
| p-Isopropyltoluene | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A | |
| Bromomethane | | <11.0 | | ug/kg dw | 08/09/2001 | | 1455 | <11.0 | bmh | SW 8260A | |
| Methylene Chloride | | <11.0 | | ug/kg dw | 08/09/2001 | | 1455 | <11.0 | bmh | SW 8260A | |
| Methyl t-butyl ether (MTBE) | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A | |
| 4-Methyl-2-pentanone (MIBK) | | <55.1 | | ug/kg dw | 08/09/2001 | | 1455 | <55.1 | bmh | SW 8260A | |
| n-Propylbenzene | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A | |
| Styrene | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A | |
| Naphthalene | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A | |
| 1,1,1,2-Tetrachloroethane | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A | |
| 1,1,2,2-Tetrachloroethane | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A | |
| Tetrachloroethene | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A | |
| Toluene | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A | |
| 1,2,4-Trichlorobenzene | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A | |
| 1,1,1-Trichloroethane | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A | |
| 1,1,2-Trichloroethane | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A | |
| Trichloroethene | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A | |
| Trichlorofluoromethane | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A | |
| 1,2,3-Trichloropropane | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A | |
| 1,2,4-Trimethylbenzene | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A | |
| 1,3,5-Trimethylbenzene | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A | |
| Vinyl Acetate | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <2.2 | bmh | SW 8260A | |
| Vinyl Chloride | | <2.2 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A | |
| Xylenes, Total | | <5.5 | | ug/kg dw | 08/09/2001 | | 1455 | <5.5 | bmh | SW 8260A | |
| d4-1,2-Dichloroethane (surr) | | 101 | | % | 08/09/2001 | | 1455 | | bmh | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-------------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 698524 | SBI002:SB6:S140150:428 | | | | | | | | | |
| | Dibromofluoromethane (surr) | 97 | | % | 08/09/2001 | | 1455 | | bmh | SW 8260A |
| | d8-Toluene (surr) | 91 | | % | 08/09/2001 | | 1455 | | bmh | SW 8260A |
| | Bromofluorobenzene (surr) | 96 | | % | 08/09/2001 | | 1455 | | bmh | SW 8260A |
| | BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | |
| | Acenaphthene | <363 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C |
| | Acenaphthylene | <363 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C |
| | Anthracene | <363 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C |
| | Benzo(a)anthracene | <363 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C |
| | Benzo(b)fluoranthene | <363 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C |
| | Benzo(k)fluoranthene | <363 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C |
| | Benzo(a)pyrene | <182 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <182 | dmg | SW 8270C |
| | Benzyl alcohol | <363 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C |
| | Benzyl butyl phthalate | <363 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C |
| | Bis(2-chloroethyl) ether | <363 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C |
| | Bis(2-chloroethoxy)methane | <363 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C |
| | Bis(2-ethylhexyl)phthalate | <363 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C |
| | 2,2'-oxybis(1-Chloropropane) | <363 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C |
| | 4-Bromophenyl phenyl ether | <363 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C |
| | 4-Chloroaniline | <363 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C |
| | 2-Chloronaphthalene | <363 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C |
| | Chrysene | <363 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <182 | dmg | SW 8270C |
| | Dibenzo(a,h)anthracene | <182 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C |
| | Dibenzofuran | <363 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C |
| | 1,2-Dichlorobenzene | <363 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C |

DATE/TIME TAKEN
08/06/2001 12:50

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|-----------------------------|------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 698524 | SBI002:SB6:S140150:428 | | | | | | | | | | 08/06/2001 12:50 |
| 1,3-Dichlorobenzene | | <363 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C | |
| 1,4-Dichlorobenzene | | <363 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C | |
| 3,3'-Dichlorobenzidine | | <727 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <727 | dmg | SW 8270C | |
| Diethyl phthalate | | <363 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C | |
| Dimethyl phthalate | | <363 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C | |
| 2,4-Dinitrotoluene | | <363 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C | |
| 2,6-Dinitrotoluene | | <363 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C | |
| Di-n-octylphthalate | | <363 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C | |
| Fluoranthene | | <363 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C | |
| Fluorene | | <363 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C | |
| Hexachlorobenzene | | <363 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C | |
| Hexachloro-1,3-butadiene | | <363 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C | |
| Hexachlorocyclopentadiene | | <727 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <727 | dmg | SW 8270C | |
| Hexachloroethane | | <363 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C | |
| Indeno(1,2,3-cd)pyrene | | <363 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C | |
| Isophorone | | <363 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C | |
| Naphthalene | | <363 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C | |
| Nitrobenzene | | <363 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C | |
| N-Nitrosodi-n-propylamine | | <363 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C | |
| Phenanthrene | | <363 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C | |
| Pyrene | | <363 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C | |
| 1,2,4-Trichlorobenzene | | <363 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C | |
| Surrogate: d5-Nitrobenzene | | 87 | | % | 08/19/2001 | 946 | 1463 | | dmg | SW 8270C | |
| Surrogate: 2-Fluorobiphenyl | | 93 | | % | 08/19/2001 | 946 | 1463 | | dmg | SW 8270C | |
| Surrogate: d14-Terphenyl | | 96 | | % | 08/19/2001 | 946 | 1463 | | dmg | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference |
|--------|------|-------|---------------|-------------------|------------------|-----------------|------------------|------------------|
|--------|------|-------|---------------|-------------------|------------------|-----------------|------------------|------------------|

SAMPLE NO. 698524
SAMPLE DESCRIPTION SBI002:SB6:S140150:428

DATE/TIME TAKEN
08/06/2001 12:50

| Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference |
|------------------------------|--------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | |
| Benzoic Acid | <1,820 | ug/kg dw | 08/19/2001 | 946 | 1463 | <1,820 | dmg | SW 8270C |
| 4-Chloro-3-methylphenol | <363 | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C |
| 2-Chlorophenol | <363 | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C |
| 2,4-Dichlorophenol | <363 | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C |
| 2,4-Dimethylphenol | <363 | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | <363 | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C |
| 2-Methylphenol | <363 | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C |
| meta & para-Methylphenol | <363 | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C |
| 2-Nitrophenol | <363 | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C |
| Pentachlorophenol | <363 | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C |
| Phenol | <363 | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C |
| 2,4,5-Trichlorophenol | <363 | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C |
| 2,4,6-Trichlorophenol | <363 | ug/kg dw | 08/19/2001 | 946 | 1463 | <363 | dmg | SW 8270C |
| Surrogate: d6-Phenol | 83 | % | 08/19/2001 | 946 | 1463 | | dmg | SW 8270C |
| Surrogate: 2-Fluorophenol | 76 | % | 08/19/2001 | 946 | 1463 | | dmg | SW 8270C |
| Surrogate: Tribromophenol | 89 | % | 08/19/2001 | 946 | 1463 | | dmg | SW 8270C |
| TPH - DRO Non-Aqueous | 15.7 | mg/kg dw | 08/14/2001 | 195 | 281 | <11 | meb | SW 8015M |
| TPH - GRO (Non-Aqueous) | <6 | mg/kg dw | 08/13/2001 | | 246 | <6 | meb | SW 8015M |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|-------------------------|----------|------|-------|------------|-------|-------|-----------|----------|------------------|
| | | | | | Analyzed | Batch | Batch | | Initials | |
| | | | | | | | | Limit | | |
| | | | | | | | | | | DATE/TIME TAKEN |
| 698525 | SBI002:GB26:S020040:428 | | | | | | | | | 08/07/2001 08:17 |
| Dry Weight | 94.6 | % | | | 08/15/2001 | | 1477 | | mhg | SM 2540 G. |
| ICP NONAQUEOUS | Complete | | | | 08/16/2001 | | 1229 | Complete | emd | SW 6010B |
| Arsenic, ICP | <3.5 | mg/kg dw | | | 08/16/2001 | 900 | 2956 | <3.5 | emd | SW 6010B |
| Barium, ICP | 15.6 | mg/kg dw | | | 08/16/2001 | 900 | 2887 | <0.70 | emd | SW 6010B |
| Cadmium, ICP | <1.0 | mg/kg dw | | | 08/16/2001 | 900 | 2869 | <1.0 | emd | SW 6010B |
| Chromium, ICP | 3.9 | mg/kg dw | | | 08/16/2001 | 900 | 2857 | <1.4 | emd | SW 6010B |
| Lead, ICP | 7.6 | mg/kg dw | | | 08/16/2001 | 900 | 2858 | <2.7 | emd | SW 6010B |
| Mercury, CVAA | 0.011 | mg/kg dw | | | 08/15/2001 | 606 | 620 | <0.008 | epk | SW 7471A |
| Selenium, ICP | <3.5 | mg/kg dw | | | 08/16/2001 | 900 | 2936 | <3.5 | emd | SW 6010B |
| Silver, ICP | <1.4 | mg/kg dw | | | 08/16/2001 | 900 | 2889 | <1.4 | emd | SW 6010B |
| ICP Digestion, Nonaqueous | Complete | | | | 08/13/2001 | 900 | | Complete | mrt | SW 3050B |
| Mercury Digestion, Non-Aq | Complete | | | | 08/14/2001 | 606 | | Complete | epk | SW 7471A |
| Prep, TPH 418.1 Nonaq | Complete | | | | 08/14/2001 | 592 | | Complete | 110 | SW 9071 |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | Complete | | | | 08/09/2001 | | 1455 | Complete | bmh | |
| Acetone | <106 | ug/kg dw | | | 08/09/2001 | | 1455 | <106 | bmh | SW 8260A |
| Benzene | <5.3 | ug/kg dw | | | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| tert-Butylbenzene | <5.3 | ug/kg dw | | | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| sec-Butylbenzene | <5.3 | ug/kg dw | | | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| n-Butylbenzene | <5.3 | ug/kg dw | | | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| Bromochloromethane | <5.3 | ug/kg dw | | | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| Bromodichloromethane | <5.3 | ug/kg dw | | | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| Bromoform | <5.3 | ug/kg dw | | | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| Bromobenzene | <5.3 | ug/kg dw | | | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
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6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|-----------------------------|-------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 698525 | SBI002:GB26:S020040:428 | | | | | | | | | DATE/TIME TAKEN 08/07/2001 08:17 |
| 2-Butanone (MEK) | | <5.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A |
| Carbon disulfide | | <5.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A |
| Carbon tetrachloride | | <5.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A |
| Chlorobenzene | | <5.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A |
| Chloroethane | | <10.6 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <10.6 | bmh | SW 8260A |
| 2-Chlorotoluene | | <5.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A |
| 4-Chlorotoluene | | <5.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A |
| Chloroform | | <5.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A |
| Chloromethane | | <10.6 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <10.6 | bmh | SW 8260A |
| Dibromochloromethane | | <5.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A |
| Dibromomethane | | <5.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A |
| Dichlorodifluoromethane | | <5.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A |
| 1,2-Dibromo-3-chloropropane | | <5.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A |
| 1,2-Dichlorobenzene | | <5.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A |
| 1,3-Dichlorobenzene | | <5.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A |
| 1,4-Dichlorobenzene | | <5.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A |
| 1,1-Dichloroethane | | <5.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A |
| 1,2-Dichloroethane | | <5.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A |
| 1,1-Dichloroethene | | <5.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A |
| cis-1,2-Dichloroethene | | <5.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A |
| trans-1,2-Dichloroethene | | <5.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A |
| 1,2-Dichloropropane | | <5.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A |
| 1,3-Dichloropropane | | <5.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A |
| 2,2-Dichloropropane | | <5.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A |
| 1,1-Dichloropropene | | <5.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.3 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 698525 | SBI002:GB26:S020040:428 | | | | | | | | | | 08/07/2001 08:17 |
| | cis-1,3-Dichloropropene | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A | |
| | trans-1,3-Dichloropropene | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A | |
| | Ethylbenzene | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A | |
| | Hexachlorobutadiene | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A | |
| | n-Hexane | <21.1 | | ug/kg dw | 08/09/2001 | | 1455 | <21.1 | bmh | SW 8260A | |
| | 2-Hexanone | <52.9 | | ug/kg dw | 08/09/2001 | | 1455 | <52.9 | bmh | SW 8260A | |
| | Isopropylbenzene (Cumene) | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A | |
| | p-Isopropyltoluene | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A | |
| | Bromomethane | <10.6 | | ug/kg dw | 08/09/2001 | | 1455 | <10.6 | bmh | SW 8260A | |
| | Methylene Chloride | <10.6 | | ug/kg dw | 08/09/2001 | | 1455 | <10.6 | bmh | SW 8260A | |
| | Methyl t-butyl ether (MTBE) | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A | |
| | 4-Methyl-2-pentanone (MIBK) | <52.9 | | ug/kg dw | 08/09/2001 | | 1455 | <52.9 | bmh | SW 8260A | |
| | n-Propylbenzene | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A | |
| | Styrene | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A | |
| | Naphthalene | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A | |
| | 1,1,1,2-Tetrachloroethane | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A | |
| | 1,1,2,2-Tetrachloroethane | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A | |
| | Tetrachloroethene | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A | |
| | Toluene | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A | |
| | 1,2,4-Trichlorobenzene | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A | |
| | 1,1,1-Trichloroethane | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A | |
| | 1,1,2-Trichloroethane | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A | |
| | Trichloroethene | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A | |
| | Trichlorofluoromethane | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A | |
| | 1,2,3-Trichloropropane | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------------------------|-------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 698525 | SBI002:GB26:S020040:428 | | | | | | | | | DATE/TIME TAKEN 08/07/2001 08:17 |
| 1,2,4-Trimethylbenzene | | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| 1,3,5-Trimethylbenzene | | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| Vinyl Acetate | | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| Vinyl Chloride | | <2.1 | | ug/kg dw | 08/09/2001 | | 1455 | <2.1 | bmh | SW 8260A |
| Xylenes, Total | | <5.3 | | ug/kg dw | 08/09/2001 | | 1455 | <5.3 | bmh | SW 8260A |
| d4-1,2-Dichloroethane (surr) | | 102 | | % | 08/09/2001 | | 1455 | | bmh | SW 8260A |
| Dibromofluoromethane (surr) | | 97 | | % | 08/09/2001 | | 1455 | | bmh | SW 8260A |
| d8-Toluene (surr) | | 93 | | % | 08/09/2001 | | 1455 | | bmh | SW 8260A |
| Bromofluorobenzene (surr) | | 94 | | % | 08/09/2001 | | 1455 | | bmh | SW 8260A |
| TPH - FTIR Non-aq | | <53 | | mg/kg dw | 08/15/2001 | 592 | 624 | <53 | 110 | 418.1 |

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|----------------|-------------------------|----------|------|----------|---------------|------|------|-----------------|------------------|-------------------------------------|
| | | | | | | | | | | |
| 698526 | SBI002:GB27:S020040:428 | | | | | | | | | DATE/TIME TAKEN 08/07/2001 08:10 |
| Dry Weight | | 92.9 | | % | 08/15/2001 | | 1477 | | mhg | SM 2540 G. |
| ICP NONAQUEOUS | | Complete | | | 08/16/2001 | | 1229 | Complete | emd | SW 6010B |
| Arsenic, ICP | | <10 | | mg/kg dw | 08/16/2001 | 900 | 2956 | <10 | emd | SW 6010B |
| Barium, ICP | | 36 | | mg/kg dw | 08/16/2001 | 900 | 2887 | <2.0 | emd | SW 6010B |
| Cadmium, ICP | | <3.0 | | mg/kg dw | 08/16/2001 | 900 | 2869 | <3.0 | emd | SW 6010B |
| Chromium, ICP | | 5.5 | | mg/kg dw | 08/16/2001 | 900 | 2857 | <4.1 | emd | SW 6010B |
| Lead, ICP | | 33.6 | | mg/kg dw | 08/16/2001 | 900 | 2858 | <8.2 | emd | SW 6010B |
| Mercury, CVAA | | 0.227 | | mg/kg dw | 08/15/2001 | 606 | 620 | <0.009 | epk | SW 7471A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|-------------------------|----------|------|----------|------------|-------|-------|-----------|----------|------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 698526 | SBI002:GB27:S020040:428 | | | | | | | | | |
| | | | | | | | | | | DATE/TIME TAKEN |
| | | | | | | | | | | 08/07/2001 08:10 |
| Selenium, ICP | | <10 | | mg/kg dw | 08/16/2001 | 900 | 2936 | <10 | emd | SW 6010B |
| Silver, ICP | | <4.1 | | mg/kg dw | 08/16/2001 | 900 | 2889 | <4.1 | emd | SW 6010B |
| ICP Digestion, Nonaqueous | | Complete | | | 08/13/2001 | 900 | | Complete | mrt | SW 3050B |
| Mercury Digestion, Non-Aq | | Complete | | | 08/14/2001 | 606 | | Complete | epk | SW 7471A |
| Prep, TPH 418.1 Nonaq | | Complete | | | 08/14/2001 | 592 | | Complete | 110 | SW 9071 |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | | Complete | | | 08/09/2001 | | 1455 | Complete | bmh | |
| Acetone | | <108 | | ug/kg dw | 08/09/2001 | | 1455 | <108 | bmh | SW 8260A |
| Benzene | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| tert-Butylbenzene | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| sec-Butylbenzene | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| n-Butylbenzene | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| Bromochloromethane | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| Bromodichloromethane | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| Bromoform | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| Bromobenzene | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| 2-Butanone (MEK) | | <54 | | ug/kg dw | 08/09/2001 | | 1455 | <54 | bmh | SW 8260A |
| Carbon disulfide | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| Carbon tetrachloride | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| Chlorobenzene | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| Chloroethane | | <10.8 | | ug/kg dw | 08/09/2001 | | 1455 | <10.8 | bmh | SW 8260A |
| 2-Chlorotoluene | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| 4-Chlorotoluene | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| Chloroform | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |

ANALYTICAL REPORT

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6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|-----------------------------|-------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 698526 | SBI002:GB27:S020040:428 | | | | | | | | | |
| | | | | | | | | | | DATE/TIME TAKEN |
| | | | | | | | | | | 08/07/2001 08:10 |
| Chloromethane | | <10.8 | | ug/kg dw | 08/09/2001 | | 1455 | <10.8 | bmh | SW 8260A |
| Dibromochloromethane | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| Dibromomethane | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| Dichlorodifluoromethane | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| 1,2-Dibromo-3-chloropropane | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| 1,2-Dichlorobenzene | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| 1,3-Dichlorobenzene | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| 1,4-Dichlorobenzene | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| 1,1-Dichloroethane | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| 1,2-Dichloroethane | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| 1,1-Dichloroethene | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| cis-1,2-Dichloroethene | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| trans-1,2-Dichloroethene | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| 1,2-Dichloropropane | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| 1,3-Dichloropropane | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| 2,2-Dichloropropane | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| 1,1-Dichloropropene | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| cis-1,3-Dichloropropene | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| trans-1,3-Dichloropropene | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| Ethylbenzene | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| Hexachlorobutadiene | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| n-Hexane | | <21.5 | | ug/kg dw | 08/09/2001 | | 1455 | <21.5 | bmh | SW 8260A |
| 2-Hexanone | | <53.8 | | ug/kg dw | 08/09/2001 | | 1455 | <53.8 | bmh | SW 8260A |
| Isopropylbenzene (Cumene) | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| p-Isopropyltoluene | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
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6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------------------------|-------------------------|--------|------|----------|------------|-------|-------|-----------|----------|------------------|
| | | | | | Analyzed | Batch | Batch | | Initials | |
| | | | | | | | | Limit | | |
| | | | | | | | | | | DATE/TIME TAKEN |
| 698526 | SBI002:GB27:S020040:428 | | | | | | | | | 08/07/2001 08:10 |
| Bromomethane | | <10.8 | | ug/kg dw | 08/09/2001 | | 1455 | <10.8 | bmh | SW 8260A |
| Methylene Chloride | | <10.8 | | ug/kg dw | 08/09/2001 | | 1455 | <10.8 | bmh | SW 8260A |
| Methyl t-butyl ether (MTBE) | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| 4-Methyl-2-pentanone (MIBK) | | <53.8 | | ug/kg dw | 08/09/2001 | | 1455 | <53.8 | bmh | SW 8260A |
| n-Propylbenzene | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| Styrene | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| Naphthalene | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| 1,1,1,2-Tetrachloroethane | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| 1,1,2,2-Tetrachloroethane | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| Tetrachloroethene | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| Toluene | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| 1,2,4-Trichlorobenzene | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| 1,1,1-Trichloroethane | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| 1,1,2-Trichloroethane | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| Trichloroethene | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| Trichlorofluoromethane | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| 1,2,3-Trichloropropane | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| 1,2,4-Trimethylbenzene | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| 1,3,5-Trimethylbenzene | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| Vinyl Acetate | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| Vinyl Chloride | | <2.2 | | ug/kg dw | 08/09/2001 | | 1455 | <2.2 | bmh | SW 8260A |
| Xylenes, Total | | <5.4 | | ug/kg dw | 08/09/2001 | | 1455 | <5.4 | bmh | SW 8260A |
| d4-1,2-Dichloroethane (surr) | | 104 | | % | 08/09/2001 | | 1455 | | bmh | SW 8260A |
| Dibromofluoromethane (surr) | | 98 | | % | 08/09/2001 | | 1455 | | bmh | SW 8260A |
| d8-Toluene (surr) | | 94 | | % | 08/09/2001 | | 1455 | | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|--------------------------------|---------------------------|----------|------|----------|---------------|--------------|--------------|-----------------|------------------|----------------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 698526 | SBI002:GB27:S020040:428 | | | | | | | | | | 08/07/2001 08:10 |
| Bromofluorobenzene(surr) | | 94 | | % | 08/09/2001 | | 1455 | | bmh | SW 8260A | |
| TPH - FTIR Non-aq | | <54 | | mg/kg dw | 08/15/2001 | 592 | 624 | <54 | 110 | 418.1 | |
| 698527 | SBI002:HMW20S:S000020:428 | | | | | | | | | | 08/06/2001 15:35 |
| Dry Weight | | 88.2 | | % | 08/15/2001 | | 1477 | | mhg | SM 2540 G. | |
| Prep, BNA Non-Aq | | Complete | | | 08/13/2001 | 946 | | Complete | mem | EPA 625; SW 3540C; SW 3545 | |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | | Complete | | | 08/09/2001 | | 1455 | Complete | bmh | | |
| Acetone | | <113 | | ug/kg dw | 08/09/2001 | | 1455 | <113 | bmh | SW 8260A | |
| Benzene | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| tert-Butylbenzene | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| sec-Butylbenzene | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| n-Butylbenzene | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| Bromochloromethane | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| Bromodichloromethane | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| Bromoform | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| Bromobenzene | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| 2-Butanone (MEK) | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| Carbon disulfide | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|-----------------------------|---------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 698527 | SBI002:HMW20S:S000020:428 | | | | | | | | | | 08/06/2001 15:35 |
| Carbon tetrachloride | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| Chlorobenzene | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| Chloroethane | | <11.3 | | ug/kg dw | 08/09/2001 | | 1455 | <11.3 | bmh | SW 8260A | |
| 2-Chlorotoluene | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| 4-Chlorotoluene | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| Chloroform | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| Chloromethane | | <11.3 | | ug/kg dw | 08/09/2001 | | 1455 | <11.3 | bmh | SW 8260A | |
| Dibromochloromethane | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| Dibromomethane | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| Dichlorodifluoromethane | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| 1,2-Dibromo-3-chloropropane | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| 1,2-Dichlorobenzene | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| 1,3-Dichlorobenzene | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| 1,4-Dichlorobenzene | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| 1,1-Dichloroethane | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| 1,2-Dichloroethane | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| 1,1-Dichloroethene | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| cis-1,2-Dichloroethene | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| trans-1,2-Dichloroethene | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| 1,2-Dichloropropane | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| 1,3-Dichloropropane | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| 2,2-Dichloropropane | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| 1,1-Dichloropropene | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| cis-1,3-Dichloropropene | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |
| trans-1,3-Dichloropropene | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|-----------------------------|---------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| | | | | | | | | | | DATE/TIME TAKEN |
| 698527 | SBI002:HMW20S:S000020:428 | | | | | | | | | 08/06/2001 15:35 |
| Ethylbenzene | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A |
| Hexachlorobutadiene | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A |
| n-Hexane | | <22.7 | | ug/kg dw | 08/09/2001 | | 1455 | <22.7 | bmh | SW 8260A |
| 2-Hexanone | | <56.7 | | ug/kg dw | 08/09/2001 | | 1455 | <56.7 | bmh | SW 8260A |
| Isopropylbenzene (Cumene) | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A |
| p-Isopropyltoluene | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A |
| Bromomethane | | <11.3 | | ug/kg dw | 08/09/2001 | | 1455 | <11.3 | bmh | SW 8260A |
| Methylene Chloride | | <11.3 | | ug/kg dw | 08/09/2001 | | 1455 | <11.3 | bmh | SW 8260A |
| Methyl t-butyl ether (MTBE) | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A |
| 4-Methyl-2-pentanone (MIBK) | | <56.7 | | ug/kg dw | 08/09/2001 | | 1455 | <56.7 | bmh | SW 8260A |
| n-Propylbenzene | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A |
| Styrene | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A |
| Naphthalene | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A |
| 1,1,1,2-Tetrachloroethane | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A |
| 1,1,2,2-Tetrachloroethane | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A |
| Tetrachloroethene | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A |
| Toluene | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A |
| 1,2,4-Trichlorobenzene | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A |
| 1,1,1-Trichloroethane | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A |
| 1,1,2-Trichloroethane | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A |
| Trichloroethene | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A |
| Trichlorofluoromethane | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A |
| 1,2,3-Trichloropropane | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A |
| 1,2,4-Trimethylbenzene | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A |
| 1,3,5-Trimethylbenzene | | <5.7 | | ug/kg dw | 08/09/2001 | | 1455 | <5.7 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|-------------------------------|---------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 698527 | SBI002:HMW20S:S000020:428 | | | | | | | | | | 08/06/2001 15:35 |
| Vinyl Acetate | | <5.7 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.7 | bmh | SW 8260A | |
| Vinyl Chloride | | <2.3 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <2.3 | bmh | SW 8260A | |
| Xylenes, Total | | <5.7 | | ug/kg dw | 08/09/2001 | 1455 | 1455 | <5.7 | bmh | SW 8260A | |
| d4-1,2-Dichloroethane (surr) | | 102 | | % | 08/09/2001 | 1455 | 1455 | | bmh | SW 8260A | |
| Dibromofluoromethane (surr) | | 97 | | % | 08/09/2001 | 1455 | 1455 | | bmh | SW 8260A | |
| d8-Toluene (surr) | | 92 | | % | 08/09/2001 | 1455 | 1455 | | bmh | SW 8260A | |
| Bromofluorobenzene (surr) | | 95 | | % | 08/09/2001 | 1455 | 1455 | | bmh | SW 8260A | |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | | |
| Acenaphthene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C | |
| Acenaphthylene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C | |
| Anthracene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C | |
| Benzo (a) anthracene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C | |
| Benzo (b) fluoranthene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C | |
| Benzo (k) fluoranthene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C | |
| Benzo (a) pyrene | | <187 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <187 | dmg | SW 8270C | |
| Benzyl alcohol | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C | |
| Benzyl butyl phthalate | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C | |
| Bis(2-chloroethyl) ether | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C | |
| Bis(2-chloroethoxy)methane | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C | |
| Bis(2-ethylhexyl)phthalate | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C | |
| 2,2'-oxybis(1-Chloropropane) | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C | |
| 4-Bromophenyl phenyl ether | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C | |
| 4-Chloroaniline | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C | |
| 2-Chloronaphthalene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|---------------------------|---------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 698527 | SBI002:HMW20S:S000020:428 | | | | | | | | | DATE/TIME TAKEN 08/06/2001 15:35 |
| Chrysene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C |
| Dibenzo(a,h)anthracene | | <187 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <187 | dmg | SW 8270C |
| Dibenzofuran | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C |
| 1,2-Dichlorobenzene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C |
| 1,3-Dichlorobenzene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C |
| 1,4-Dichlorobenzene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C |
| 3,3'-Dichlorobenzidine | | <748 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <748 | dmg | SW 8270C |
| Diethyl phthalate | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C |
| Dimethyl phthalate | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C |
| 2,4-Dinitrotoluene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C |
| 2,6-Dinitrotoluene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C |
| Di-n-octylphthalate | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C |
| Fluoranthene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C |
| Fluorene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C |
| Hexachlorobenzene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C |
| Hexachloro-1,3-butadiene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C |
| Hexachlorocyclopentadiene | | <748 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <748 | dmg | SW 8270C |
| Hexachloroethane | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C |
| Indeno(1,2,3-cd)pyrene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C |
| Isophorone | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C |
| Naphthalene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C |
| Nitrobenzene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C |
| N-Nitrosodi-n-propylamine | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C |
| Phenanthrene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C |
| Pyrene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-------------------------------|-------------------------|----------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 698528 | SBI002:GB20:S005020:428 | | | | | | | | | DATE/TIME TAKEN 08/07/2001 08:22 |
| Dry Weight | 93.9 | % | | | 08/15/2001 | | 1477 | | | mg SW 2540 G. |
| ICP NONAQUEOUS | Complete | | | | 08/16/2001 | | 1229 | Complete | emd | SW 6010B |
| Arsenic, ICP | <3.5 | mg/kg dw | | | 08/16/2001 | 900 | 2956 | <3.5 | emd | SW 6010B |
| Barium, ICP | 54.6 | mg/kg dw | | | 08/16/2001 | 900 | 2887 | <0.69 | emd | SW 6010B |
| Cadmium, ICP | <1.0 | mg/kg dw | | | 08/16/2001 | 900 | 2869 | <1.0 | emd | SW 6010B |
| Chromium, ICP | 5.5 | mg/kg dw | | | 08/16/2001 | 900 | 2857 | <1.4 | emd | SW 6010B |
| Lead, ICP | 174 | mg/kg dw | | | 08/16/2001 | 900 | 2858 | <2.8 | emd | SW 6010B |
| Mercury, CVAA | 0.071 | mg/kg dw | | | 08/15/2001 | 606 | 620 | <0.009 | epk | SW 7471A |
| Selenium, ICP | <3.5 | mg/kg dw | | | 08/16/2001 | 900 | 2936 | <3.5 | emd | SW 6010B |
| Silver, ICP | <1.4 | mg/kg dw | | | 08/16/2001 | 900 | 2889 | <1.4 | emd | SW 6010B |
| ICP Digestion, Nonaqueous | Complete | | | | 08/13/2001 | 900 | | Complete | mrt | SW 3050B |
| Mercury Digestion, Non-Aq | Complete | | | | 08/14/2001 | 606 | | Complete | epk | SW 7471A |
| Prep, BNA Non-Aq | Complete | | | | 08/13/2001 | 946 | | Complete | mem | EPA 625; SW 3540C; SW 3545 |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| Acenaphthene | <351 | ug/kg dw | | | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| Acenaphthylene | <351 | ug/kg dw | | | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| Anthracene | <351 | ug/kg dw | | | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| Benzo(a)anthracene | <351 | ug/kg dw | | | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| Benzo(b)fluoranthene | <351 | ug/kg dw | | | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| Benzo(k)fluoranthene | <351 | ug/kg dw | | | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| Benzo(a)pyrene | <176 | ug/kg dw | | | 08/19/2001 | 946 | 1463 | <176 | dmg | SW 8270C |
| Benzyl alcohol | <351 | ug/kg dw | | | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| Benzyl butyl phthalate | <351 | ug/kg dw | | | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| Bis(2-chloroethyl)ether | <351 | ug/kg dw | | | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|------------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 698528 | SBI002:GB20:S005020:428 | | | | | | | | | DATE/TIME TAKEN 08/07/2001 08:22 |
| | Bis(2-chloroethoxy)methane | <351 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| | Bis(2-ethylhexyl)phthalate | <351 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| | 2,2'-oxybis(1-Chloropropane) | <351 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| | 4-Bromophenyl phenyl ether | <351 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| | 4-Chloroaniline | <351 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| | 2-Chloronaphthalene | <351 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| | Chrysene | <351 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| | Dibenzo(a,h)anthracene | <176 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <176 | dmg | SW 8270C |
| | Dibenzofuran | <351 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| | 1,2-Dichlorobenzene | <351 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| | 1,3-Dichlorobenzene | <351 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| | 1,4-Dichlorobenzene | <351 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| | 3,3'-Dichlorobenzidine | <703 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <703 | dmg | SW 8270C |
| | Diethyl phthalate | <351 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| | Dimethyl phthalate | <351 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| | 2,4-Dinitrotoluene | <351 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| | 2,6-Dinitrotoluene | <351 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| | Di-n-octylphthalate | <351 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| | Fluoranthene | <351 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| | Fluorene | <351 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| | Hexachlorobenzene | <351 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| | Hexachloro-1,3-butadiene | <351 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| | Hexachlorocyclopentadiene | <703 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <703 | dmg | SW 8270C |
| | Hexachloroethane | <351 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| | Indeno(1,2,3-cd)pyrene | <351 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------------------------|-------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 698528 | SBI002:GB20:S005020:428 | | | | | | | | | DATE/TIME TAKEN 08/07/2001 08:22 |
| Isophorone | | <351 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| Naphthalene | | <351 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| Nitrobenzene | | <351 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| N-Nitrosodi-n-propylamine | | <351 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| Phenanthrene | | <351 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| Pyrene | | <351 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| 1,2,4-Trichlorobenzene | | <351 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| Surrogate: d5-Nitrobenzene | | 104 | | † | 08/19/2001 | 946 | 1463 | | dmg | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 110 | | † | 08/19/2001 | 946 | 1463 | | dmg | SW 8270C |
| Surrogate: d14-Terphenyl | | 99 | | † | 08/19/2001 | 946 | 1463 | | dmg | SW 8270C |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | |
| Benzoic Acid | | <1,760 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <1,760 | dmg | SW 8270C |
| 4-Chloro-3-methylphenol | | <351 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| 2-Chlorophenol | | <351 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| 2,4-Dichlorophenol | | <351 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| 2,4-Dimethylphenol | | <351 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | | <351 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| 2-Methylphenol | | <351 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| meta & para-Methylphenol | | <351 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| 2-Nitrophenol | | <351 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| Pentachlorophenol | | <351 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| Phenol | | <351 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| 2,4,5-Trichlorophenol | | <351 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |
| 2,4,6-Trichlorophenol | | <351 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <351 | dmg | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|---------------------------|----------|------|----------|---------------|-------------------|------------------|-----------------|------------------|----------------------------|------------------|
| | | | | | | | | | | | |
| 698528 | SBI002:GB20:S005020:428 | | | | | | | | | | 08/07/2001 08:22 |
| | Surrogate: d6-Phenol | 92 | | % | 08/19/2001 | 946 | 1463 | | dmg | SW 8270C | |
| | Surrogate: 2-Fluorophenol | 81 | | % | 08/19/2001 | 946 | 1463 | | dmg | SW 8270C | |
| | Surrogate: Tribromophenol | 88 | | % | 08/19/2001 | 946 | 1463 | | dmg | SW 8270C | |
| 698529 | SBI002:GB30:S000020:428 | | | | | | | | | | 08/07/2001 07:33 |
| | Dry Weight | 89.7 | | % | 08/15/2001 | | 1477 | | mhg | SM 2540 G. | |
| | ICP NONAQUEOUS | Complete | | | 08/16/2001 | | 1229 | Complete | emd | SW 6010B | |
| | Arsenic, ICP | <3.6 | | mg/kg dw | 08/16/2001 | 900 | 2956 | <3.6 | emd | SW 6010B | |
| | Barium, ICP | 80.9 | | mg/kg dw | 08/16/2001 | 900 | 2887 | <0.72 | emd | SW 6010B | |
| | Cadmium, ICP | <1.1 | | mg/kg dw | 08/16/2001 | 900 | 2869 | <1.1 | emd | SW 6010B | |
| | Chromium, ICP | 9.3 | | mg/kg dw | 08/16/2001 | 900 | 2857 | <1.4 | emd | SW 6010B | |
| | Lead, ICP | 22.9 | | mg/kg dw | 08/16/2001 | 900 | 2858 | <2.9 | emd | SW 6010B | |
| | Mercury, CVAA | 0.022 | | mg/kg dw | 08/15/2001 | 606 | 620 | <0.009 | epk | SW 7471A | |
| | Selenium, ICP | <3.6 | | mg/kg dw | 08/16/2001 | 900 | 2936 | <3.6 | emd | SW 6010B | |
| | Silver, ICP | <1.4 | | mg/kg dw | 08/16/2001 | 900 | 2889 | <1.4 | emd | SW 6010B | |
| | ICP Digestion, Nonaqueous | Complete | | | 08/13/2001 | 900 | | Complete | mrt | SW 3050B | |
| | Mercury Digestion, Non-Aq | Complete | | | 08/14/2001 | 606 | | Complete | epk | SW 7471A | |
| | Prep, BNA Non-Aq | Complete | | | 08/13/2001 | 946 | | Complete | mem | EPA 625; SW 3540C; SW 3545 | |

BASE NEUT. COMPS.-8270 Non-aq

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|-------------------------------|--------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | 08/07/2001 07:33 |
| | Acenaphthene | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C | |
| | Acenaphthylene | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C | |
| | Anthracene | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C | |
| | Benzo (a) anthracene | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C | |
| | Benzo (b) fluoranthene | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C | |
| | Benzo (k) fluoranthene | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C | |
| | Benzo (a) pyrene | <184 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <184 | dmg | SW 8270C | |
| | Benzyl alcohol | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C | |
| | Benzyl butyl phthalate | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C | |
| | Bis (2-chloroethyl) ether | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C | |
| | Bis (2-chloroethoxy) methane | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C | |
| | Bis (2-ethylhexyl) phthalate | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C | |
| | 2,2'-oxybis (1-Chloropropane) | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C | |
| | 4-Bromophenyl phenyl ether | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C | |
| | 4-Chloroaniline | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C | |
| | 2-Chloronaphthalene | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C | |
| | Chrysene | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C | |
| | Dibenzo (a, h) anthracene | <184 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <184 | dmg | SW 8270C | |
| | Dibenzofuran | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C | |
| | 1,2-Dichlorobenzene | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C | |
| | 1,3-Dichlorobenzene | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C | |
| | 1,4-Dichlorobenzene | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C | |
| | 3,3'-Dichlorobenzidine | <736 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <736 | dmg | SW 8270C | |
| | Diethyl phthalate | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C | |
| | Dimethyl phthalate | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
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6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------------------------|-------------------------|--------|------|----------|------------|--------|-------|-----------|---------|------------------|
| | | | | | Analyzed | Number | Batch | | | |
| | | | | | | | | | | DATE/TIME TAKEN |
| 698529 | SBI002:GB30:S000020:428 | | | | | | | | | 08/07/2001 07:33 |
| 2,4-Dinitrotoluene | | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C |
| 2,6-Dinitrotoluene | | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C |
| Di-n-octylphthalate | | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C |
| Fluoranthene | | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C |
| Fluorene | | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C |
| Hexachlorobenzene | | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C |
| Hexachloro-1,3-butadiene | | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C |
| Hexachlorocyclopentadiene | | <736 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <736 | dmg | SW 8270C |
| Hexachloroethane | | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C |
| Indeno(1,2,3-cd)pyrene | | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C |
| Isophorone | | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C |
| Naphthalene | | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C |
| Nitrobenzene | | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C |
| N-Nitrosodi-n-propylamine | | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C |
| Phenanthrene | | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C |
| Pyrene | | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C |
| 1,2,4-Trichlorobenzene | | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C |
| Surrogate: d5-Nitrobenzene | | 85 | | % | 08/19/2001 | 946 | 1463 | | dmg | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 88 | | % | 08/19/2001 | 946 | 1463 | | dmg | SW 8270C |
| Surrogate: d14-Terphenyl | | 87 | | % | 08/19/2001 | 946 | 1463 | | dmg | SW 8270C |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | |
| Benzoic Acid | | <1,840 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <1,840 | dmg | SW 8270C |
| 4-Chloro-3-methylphenol | | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C |
| 2-Chlorophenol | | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|----------------------------|-------------------------|----------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 698529 | SBI002:GB30:S000020:428 | | | | | | | | | | 08/07/2001 07:33 |
| 2,4-Dichlorophenol | | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C | |
| 2,4-Dimethylphenol | | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C | |
| 2-Methyl-4,6-dinitrophenol | | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C | |
| 2-Methylphenol | | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C | |
| meta & para-Methylphenol | | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C | |
| 2-Nitrophenol | | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C | |
| Pentachlorophenol | | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C | |
| Phenol | | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C | |
| 2,4,5-Trichlorophenol | | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C | |
| 2,4,6-Trichlorophenol | | <368 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <368 | dmg | SW 8270C | |
| Surrogate: d6-Phenol | | 82 | | % | 08/19/2001 | 946 | 1463 | | dmg | SW 8270C | |
| Surrogate: 2-Fluorophenol | | 68 | | % | 08/19/2001 | 946 | 1463 | | dmg | SW 8270C | |
| Surrogate: Tribromophenol | | 73 | | % | 08/19/2001 | 946 | 1463 | | dmg | SW 8270C | |
| 698530 | SBI002:GB37:S000020:428 | | | | | | | | | | 08/07/2001 08:00 |
| Dry Weight | | 87.2 | | % | 08/15/2001 | | 1477 | | mhg | SM 2540 G. | |
| ICP NONAQUEOUS | | Complete | | | 08/16/2001 | | 1229 | Complete | emd | SW 6010B | |
| Arsenic, ICP | | <3.6 | | mg/kg dw | 08/16/2001 | 900 | 2956 | <3.6 | emd | SW 6010B | |
| Barium, ICP | | 51.8 | | mg/kg dw | 08/16/2001 | 900 | 2887 | <0.72 | emd | SW 6010B | |
| Cadmium, ICP | | <1.1 | | mg/kg dw | 08/16/2001 | 900 | 2869 | <1.1 | emd | SW 6010B | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-------------------------------|-------------------------|----------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 698530 | SBI002:GB37:S000020:428 | | | | | | | | | DATE/TIME TAKEN 08/07/2001 08:00 |
| Chromium, ICP | | 10 | | mg/kg dw | 08/16/2001 | 900 | 2857 | <1.5 | emd | SW 6010B |
| Lead, ICP | | 14.3 | | mg/kg dw | 08/16/2001 | 900 | 2858 | <2.9 | emd | SW 6010B |
| Mercury, CVAA | | 0.022 | | mg/kg dw | 08/15/2001 | 606 | 620 | <0.008 | epk | SW 7471A |
| Selenium, ICP | | <3.6 | | mg/kg dw | 08/16/2001 | 900 | 2936 | <3.6 | emd | SW 6010B |
| Silver, ICP | | <1.5 | | mg/kg dw | 08/16/2001 | 900 | 2889 | <1.5 | emd | SW 6010B |
| ICP Digestion, Nonaqueous | | Complete | | | 08/13/2001 | 900 | | Complete | mrt | SW 3050B |
| Mercury Digestion, Non-Aq | | Complete | | | 08/14/2001 | 606 | | Complete | epk | SW 7471A |
| Prep, BNA Non-Aq | | Complete | | | 08/13/2001 | 946 | | Complete | mem | EPA 625; SW 3540C; SW 3545 |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| Acenaphthene | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C |
| Acenaphthylene | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C |
| Anthracene | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C |
| Benzo(a)anthracene | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C |
| Benzo(b)fluoranthene | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C |
| Benzo(k)fluoranthene | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C |
| Benzo(a)pyrene | | <189 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <189 | dmg | SW 8270C |
| Benzyl alcohol | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C |
| Benzyl butyl phthalate | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C |
| Bis(2-chloroethyl)ether | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C |
| Bis(2-chloroethoxy)methane | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C |
| Bis(2-ethylhexyl)phthalate | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C |
| 4-Bromophenyl phenyl ether | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C |
| 4-Chloroaniline | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|---------------------------|-------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 698530 | SBI002:GB37:S000020:428 | | | | | | | | | DATE/TIME TAKEN 08/07/2001 08:00 |
| 2-Chloronaphthalene | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C |
| Chrysene | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C |
| Dibenzo (a, h) anthracene | | <189 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <189 | dmg | SW 8270C |
| Dibenzofuran | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C |
| 1,2-Dichlorobenzene | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C |
| 1,3-Dichlorobenzene | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C |
| 1,4-Dichlorobenzene | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C |
| 3,3'-Dichlorobenzidine | | <757 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <757 | dmg | SW 8270C |
| Diethyl phthalate | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C |
| Dimethyl phthalate | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C |
| 2,4-Dinitrotoluene | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C |
| 2,6-Dinitrotoluene | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C |
| Di-n-octylphthalate | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C |
| Fluoranthene | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C |
| Fluorene | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C |
| Hexachlorobenzene | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C |
| Hexachloro-1,3-butadiene | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C |
| Hexachlorocyclopentadiene | | <757 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <757 | dmg | SW 8270C |
| Hexachloroethane | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C |
| Indeno (1,2,3-cd)pyrene | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C |
| Isophorone | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C |
| Naphthalene | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C |
| Nitrobenzene | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C |
| N-Nitrosodi-n-propylamine | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C |
| Phenanthrene | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference | DATE/TIME TAKEN |
|-------------------------------------|-------------------------|--------|------|----------|------------|-------|-------|-----------|----------|------------------|------------------|
| | | | | | Analyzed | Batch | Batch | | Initials | | |
| | | | | | | | | Limit | | | |
| 698530 | SBI002:GB37:S000020:428 | | | | | | | | | | 08/07/2001 08:00 |
| Pyrene | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C | |
| 1,2,4-Trichlorobenzene | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C | |
| Surrogate: d5-Nitrobenzene | | 67 | | % | 08/19/2001 | 946 | 1463 | | dmg | SW 8270C | |
| Surrogate: 2-Fluorobiphenyl | | 64 | | % | 08/19/2001 | 946 | 1463 | | dmg | SW 8270C | |
| Surrogate: d14-Terphenyl | | 81 | | % | 08/19/2001 | 946 | 1463 | | dmg | SW 8270C | |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | | |
| Benzoic Acid | | <1,890 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <1,890 | dmg | SW 8270C | |
| 4-Chloro-3-methylphenol | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C | |
| 2-Chlorophenol | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C | |
| 2,4-Dichlorophenol | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C | |
| 2,4-Dimethylphenol | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C | |
| 2-Methyl-4,6-dinitrophenol | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C | |
| 2-Methylphenol | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C | |
| meta & para-Methylphenol | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C | |
| 2-Nitrophenol | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C | |
| Pentachlorophenol | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C | |
| Phenol | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C | |
| 2,4,5-Trichlorophenol | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C | |
| 2,4,6-Trichlorophenol | | <378 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <378 | dmg | SW 8270C | |
| Surrogate: d6-Phenol | | 57 | | % | 08/19/2001 | 946 | 1463 | | dmg | SW 8270C | |
| Surrogate: 2-Fluorophenol | | 36 | | % | 08/19/2001 | 946 | 1463 | | dmg | SW 8270C | |
| Surrogate: Tribromophenol | | 48 | | % | 08/19/2001 | 946 | 1463 | | dmg | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-------------------------------|-------------------------|----------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 698531 | SBI002:GB21:S010030:428 | | | | | | | | | DATE/TIME TAKEN 08/07/2001 08:35 |
| Dry Weight | | 89.1 | | % | 08/15/2001 | | 1477 | | emd | SM 2540 G. |
| ICP NONAQUEOUS | | Complete | | | 08/16/2001 | | 1229 | Complete | emd | SW 6010B |
| Arsenic, ICP | | <3.7 | | mg/kg dw | 08/16/2001 | 900 | 2956 | <3.7 | emd | SW 6010B |
| Barium, ICP | | 65.7 | | mg/kg dw | 08/16/2001 | 900 | 2887 | <0.73 | emd | SW 6010B |
| Cadmium, ICP | | <1.1 | | mg/kg dw | 08/16/2001 | 900 | 2869 | <1.1 | emd | SW 6010B |
| Chromium, ICP | | 6.1 | | mg/kg dw | 08/16/2001 | 900 | 2857 | <1.5 | emd | SW 6010B |
| Lead, ICP | | 79.7 | | mg/kg dw | 08/16/2001 | 900 | 2858 | <2.9 | emd | SW 6010B |
| Mercury, CVAA | | 0.081 | | mg/kg dw | 08/15/2001 | 606 | 620 | <0.009 | epk | SW 7471A |
| Selenium, ICP | | <3.7 | | mg/kg dw | 08/16/2001 | 900 | 2936 | <3.7 | emd | SW 6010B |
| Silver, ICP | | <1.5 | | mg/kg dw | 08/16/2001 | 900 | 2889 | <1.5 | emd | SW 6010B |
| ICP Digestion, Nonaqueous | | Complete | | | 08/13/2001 | 900 | | Complete | nrt | SW 3050B |
| Mercury Digestion, Non-Aq | | Complete | | | 08/14/2001 | 606 | | Complete | epk | SW 7471A |
| Prep, BNA Non-Aq | | Complete | | | 08/13/2001 | 946 | | Complete | mem | EPA 625; SW 3540C; SW 3545 |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| Acenaphthene | | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | dmg | SW 8270C |
| Acenaphthylene | | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | dmg | SW 8270C |
| Anthracene | | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | dmg | SW 8270C |
| Benzo(a)anthracene | | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | dmg | SW 8270C |
| Benzo(b)fluoranthene | | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | dmg | SW 8270C |
| Benzo(k)fluoranthene | | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | dmg | SW 8270C |
| Benzo(a)pyrene | | <185 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <185 | dmg | SW 8270C |
| Benzyl alcohol | | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | dmg | SW 8270C |
| Benzyl butyl phthalate | | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | dmg | SW 8270C |
| Bis(2-chloroethyl) ether | | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | dmg | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|------------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 698531 | SBI002:GB21:S010030:428 | | | | | | | | | | 08/07/2001 08:35 |
| | Bis(2-chloroethoxy)methane | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | | dmg | SW 8270C |
| | Bis(2-ethylhexyl)phthalate | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | | dmg | SW 8270C |
| | 2,2'-oxybis(1-Chloropropane) | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | | dmg | SW 8270C |
| | 4-Bromophenyl phenyl ether | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | | dmg | SW 8270C |
| | 4-Chloroaniline | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | | dmg | SW 8270C |
| | 2-Chloronaphthalene | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | | dmg | SW 8270C |
| | Chrysene | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | | dmg | SW 8270C |
| | Dibenzo(a,h)anthracene | <185 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <185 | | dmg | SW 8270C |
| | Dibenzofuran | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | | dmg | SW 8270C |
| | 1,2-Dichlorobenzene | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | | dmg | SW 8270C |
| | 1,3-Dichlorobenzene | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | | dmg | SW 8270C |
| | 1,4-Dichlorobenzene | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | | dmg | SW 8270C |
| | 3,3'-Dichlorobenzidine | <741 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <741 | | dmg | SW 8270C |
| | Diethyl phthalate | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | | dmg | SW 8270C |
| | Dimethyl phthalate | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | | dmg | SW 8270C |
| | 2,4-Dinitrotoluene | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | | dmg | SW 8270C |
| | 2,6-Dinitrotoluene | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | | dmg | SW 8270C |
| | Di-n-octylphthalate | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | | dmg | SW 8270C |
| | Fluoranthene | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | | dmg | SW 8270C |
| | Fluorene | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | | dmg | SW 8270C |
| | Hexachlorobenzene | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | | dmg | SW 8270C |
| | Hexachloro-1,3-butadiene | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | | dmg | SW 8270C |
| | Hexachlorocyclopentadiene | <741 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <741 | | dmg | SW 8270C |
| | Hexachloroethane | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | | dmg | SW 8270C |
| | Indeno(1,2,3-cd)pyrene | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | | dmg | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference | DATE/TIME TAKEN |
|------------------------------|-------------------------|--------|------|----------|------------|-------|-------|-----------|----------|------------------|------------------|
| | | | | | Analyzed | Batch | Batch | | Initials | | |
| | | | | | | | | Limit | | | |
| 698531 | SBI002:GB21:S010030:428 | | | | | | | | | | 08/07/2001 08:35 |
| Isophorone | | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | dmg | SW 8270C | |
| Naphthalene | | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | dmg | SW 8270C | |
| Nitrobenzene | | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | dmg | SW 8270C | |
| N-Nitrosodi-n-propylamine | | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | dmg | SW 8270C | |
| Phenanthrene | | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | dmg | SW 8270C | |
| Pyrene | | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | dmg | SW 8270C | |
| 1,2,4-Trichlorobenzene | | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | dmg | SW 8270C | |
| Surrogate: d5-Nitrobenzene | | 86 | | ‡ | 08/19/2001 | 946 | 1463 | | dmg | SW 8270C | |
| Surrogate: 2-Fluorobiphenyl | | 90 | | ‡ | 08/19/2001 | 946 | 1463 | | dmg | SW 8270C | |
| Surrogate: d14-Terphenyl | | 75 | | ‡ | 08/19/2001 | 946 | 1463 | | dmg | SW 8270C | |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | | |
| Benzoic Acid | | <1,850 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <1,850 | dmg | SW 8270C | |
| 4-Chloro-3-methylphenol | | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | dmg | SW 8270C | |
| 2-Chlorophenol | | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | dmg | SW 8270C | |
| 2,4-Dichlorophenol | | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | dmg | SW 8270C | |
| 2,4-Dimethylphenol | | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | dmg | SW 8270C | |
| 2-Methyl-4,6-dinitrophenol | | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | dmg | SW 8270C | |
| 2-Methylphenol | | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | dmg | SW 8270C | |
| meta & para-Methylphenol | | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | dmg | SW 8270C | |
| 2-Nitrophenol | | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | dmg | SW 8270C | |
| Pentachlorophenol | | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | dmg | SW 8270C | |
| Phenol | | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | dmg | SW 8270C | |
| 2,4,5-Trichlorophenol | | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | dmg | SW 8270C | |
| 2,4,6-Trichlorophenol | | <370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <370 | dmg | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
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08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | DATE/TIME TAKEN |
|---------------------------|-------------------------|----------|------|----------|---------------|-------------------|------------------|-----------------|------------------|----------------------------|
| | | | | | | | | | | Method Reference |
| 698531 | SBI002:GB21:S010030:428 | | | | | | | | | 08/07/2001 08:35 |
| Surrogate: d6-Phenol | | 77 | | % | 08/19/2001 | 946 | 1463 | | dmg | SW 8270C |
| Surrogate: 2-Fluorophenol | | 60 | | % | 08/19/2001 | 946 | 1463 | | dmg | SW 8270C |
| Surrogate: Tribromophenol | | 77 | | % | 08/19/2001 | 946 | 1463 | | dmg | SW 8270C |
| 698532 | SBI002:GB22:S005020:428 | | | | | | | | | 08/07/2001 08:45 |
| Dry Weight | | 88.3 | | % | 08/15/2001 | | 1477 | | mhg | SM 2540 G. |
| ICP NONAQUEOUS | | Complete | | | 08/16/2001 | | 1229 | Complete | emd | SW 6010B |
| Arsenic, ICP | | <3.7 | | mg/kg dw | 08/16/2001 | 900 | 2956 | <3.7 | emd | SW 6010B |
| Barium, ICP | | 26.6 | | mg/kg dw | 08/16/2001 | 900 | 2887 | <0.75 | emd | SW 6010B |
| Cadmium, ICP | | <1.1 | | mg/kg dw | 08/16/2001 | 900 | 2869 | <1.1 | emd | SW 6010B |
| Chromium, ICP | | 6.8 | | mg/kg dw | 08/16/2001 | 900 | 2857 | <1.5 | emd | SW 6010B |
| Lead, ICP | | 15.6 | | mg/kg dw | 08/16/2001 | 900 | 2858 | <2.9 | emd | SW 6010B |
| Mercury, CVAA | | 0.051 | | mg/kg dw | 08/15/2001 | 606 | 620 | <0.009 | epk | SW 7471A |
| Selenium, ICP | | <3.7 | | mg/kg dw | 08/16/2001 | 900 | 2936 | <3.7 | emd | SW 6010B |
| Silver, ICP | | <1.5 | | mg/kg dw | 08/16/2001 | 900 | 2889 | <1.5 | emd | SW 6010B |
| ICP Digestion, Nonaqueous | | Complete | | | 08/13/2001 | 900 | | Complete | mrt | SW 3050B |
| Mercury Digestion, Non-Aq | | Complete | | | 08/14/2001 | 606 | | Complete | epk | SW 7471A |
| Prep, BNA Non-Aq | | Complete | | | 08/13/2001 | 946 | | Complete | mem | EPA 625; SW 3540C; SW 3545 |

BASE NEUT. COMPS.-8270 Non-aq

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------------------------|-------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 698532 | SBI002:GB22:S005020:428 | | | | | | | | | DATE/TIME TAKEN 08/07/2001 08:45 |
| Acenaphthene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <374 | jcs | SW 8270C |
| Acenaphthylene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <374 | jcs | SW 8270C |
| Anthracene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <374 | jcs | SW 8270C |
| Benzo(a)anthracene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <374 | jcs | SW 8270C |
| Benzo(b)fluoranthene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <374 | jcs | SW 8270C |
| Benzo(k)fluoranthene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <374 | jcs | SW 8270C |
| Benzo(a)pyrene | | 199 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <187 | jcs | SW 8270C |
| Benzyl alcohol | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <374 | jcs | SW 8270C |
| Benzyl butyl phthalate | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <374 | jcs | SW 8270C |
| Bis(2-chloroethyl) ether | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <374 | jcs | SW 8270C |
| Bis(2-chloroethoxy)methane | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <374 | jcs | SW 8270C |
| Bis(2-ethylhexyl)phthalate | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <374 | jcs | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <374 | jcs | SW 8270C |
| 4-Bromophenyl phenyl ether | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <374 | jcs | SW 8270C |
| 4-Chloroaniline | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <374 | jcs | SW 8270C |
| 2-Chloronaphthalene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <374 | jcs | SW 8270C |
| Chrysene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <374 | jcs | SW 8270C |
| Dibenzo(a,h)anthracene | | <187 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <187 | jcs | SW 8270C |
| Dibenzofuran | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <374 | jcs | SW 8270C |
| 1,2-Dichlorobenzene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <374 | jcs | SW 8270C |
| 1,3-Dichlorobenzene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <374 | jcs | SW 8270C |
| 1,4-Dichlorobenzene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <374 | jcs | SW 8270C |
| 3,3'-Dichlorobenzidine | | <747 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <747 | jcs | SW 8270C |
| Diethyl phthalate | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <374 | jcs | SW 8270C |
| Dimethyl phthalate | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <374 | jcs | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|----------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 698532 | SBI002:GB22:S005020:428 | | | | | | | | | DATE/TIME TAKEN 08/07/2001 08:45 |
| | 2,4-Dichlorophenol | <374 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <374 | jcs | SW 8270C |
| | 2,4-Dimethylphenol | <374 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <374 | jcs | SW 8270C |
| | 2-Methyl-4,6-dinitrophenol | <374 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <374 | jcs | SW 8270C |
| | 2-Methylphenol | <374 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <374 | jcs | SW 8270C |
| | meta & para-Methylphenol | <374 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <374 | jcs | SW 8270C |
| | 2-Nitrophenol | <374 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <374 | jcs | SW 8270C |
| | Pentachlorophenol | <374 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <374 | jcs | SW 8270C |
| | Phenol | <374 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <374 | jcs | SW 8270C |
| | 2,4,5-Trichlorophenol | <374 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <374 | jcs | SW 8270C |
| | 2,4,6-Trichlorophenol | <374 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <374 | jcs | SW 8270C |
| | Surrogate: d6-Phenol | 74 | | % | 08/19/2001 | 946 | 1464 | | jcs | SW 8270C |
| | Surrogate: 2-Fluorophenol | 75 | | % | 08/19/2001 | 946 | 1464 | | jcs | SW 8270C |
| | Surrogate: Tribromophenol | 77 | | % | 08/19/2001 | 946 | 1464 | | jcs | SW 8270C |

| SAMPLE NO. | SAMPLE DESCRIPTION | DATE/TIME TAKEN |
|------------|-------------------------|------------------|
| 698533 | SBI002:GB24:S005020:428 | 08/07/2001 09:10 |

| | | | | | | | | |
|----------------|----------|----------|------------|------|----------|-------|------------|----------|
| Dry Weight | 89.1 | % | 08/15/2001 | 1477 | | mhg | SM 2540 G. | |
| ICP NONAQUEOUS | Complete | | 08/16/2001 | 1229 | Complete | emd | SW 6010B | |
| Arsenic, ICP | 35.9 | mg/kg dw | 08/16/2001 | 900 | 2956 | <3.7 | emd | SW 6010B |
| Barium, ICP | 114 | mg/kg dw | 08/16/2001 | 900 | 2887 | <0.74 | emd | SW 6010B |
| Cadmium, ICP | <1.1 | mg/kg dw | 08/16/2001 | 900 | 2869 | <1.1 | emd | SW 6010B |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|-------------------------------|-------------------------|----------|------|----------|---------------|--------------|--------------|-----------------|------------------|----------------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 698533 | SBI002:GB24:S005020:428 | | | | | | | | | | 08/07/2001 09:10 |
| Chromium, ICP | | 7.3 | | mg/kg dw | 08/16/2001 | 900 | 2857 | <1.5 | emd | SW 6010B | |
| Lead, ICP | | 28 | | mg/kg dw | 08/16/2001 | 900 | 2858 | <2.9 | emd | SW 6010B | |
| Mercury, CVAA | | 0.080 | | mg/kg dw | 08/15/2001 | 606 | 620 | <0.009 | epk | SW 7471A | |
| Selenium, ICP | | <3.7 | | mg/kg dw | 08/16/2001 | 900 | 2936 | <3.7 | emd | SW 6010B | |
| Silver, ICP | | <1.5 | | mg/kg dw | 08/16/2001 | 900 | 2889 | <1.5 | emd | SW 6010B | |
| ICP Digestion, Nonaqueous | | Complete | | | 08/13/2001 | 900 | | Complete | mrt | SW 3050B | |
| Mercury Digestion, Non-Aq | | Complete | | | 08/14/2001 | 606 | | Complete | epk | SW 7471A | |
| Prep, BNA Non-Aq | | Complete | | | 08/13/2001 | 946 | | Complete | mem | EPA 625; SW 3540C; SW 3545 | |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | | |
| Acenaphthene | | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| Acenaphthylene | | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| Anthracene | | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| Benzo(a)anthracene | | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| Benzo(b)fluoranthene | | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| Benzo(k)fluoranthene | | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| Benzo(a)pyrene | | <185 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <185 | jcs | SW 8270C | |
| Benzyl alcohol | | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| Benzyl butyl phthalate | | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| Bis(2-chloroethyl)ether | | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| Bis(2-chloroethoxy)methane | | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| Bis(2-ethylhexyl)phthalate | | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| 2,2'-oxybis(1-Chloropropane) | | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| 4-Bromophenyl phenyl ether | | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| 4-Chloroaniline | | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|------------|---------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 698533 | SBI002:GB24:S005020:428 | | | | | | | | | | 08/07/2001 09:10 |
| | 2-Chloronaphthalene | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| | Chrysene | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| | Dibenzo(a,h)anthracene | <185 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <185 | jcs | SW 8270C | |
| | Dibenzofuran | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| | 1,2-Dichlorobenzene | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| | 1,3-Dichlorobenzene | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| | 1,4-Dichlorobenzene | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| | 3,3'-Dichlorobenzidine | <741 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <741 | jcs | SW 8270C | |
| | Diethyl phthalate | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| | Dimethyl phthalate | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| | 2,4-Dinitrotoluene | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| | 2,6-Dinitrotoluene | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| | Di-n-octylphthalate | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| | Fluoranthene | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| | Fluorene | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| | Hexachlorobenzene | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| | Hexachloro-1,3-butadiene | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| | Hexachlorocyclopentadiene | <741 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <741 | jcs | SW 8270C | |
| | Hexachloroethane | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| | Indeno(1,2,3-cd)pyrene | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| | Isophorone | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| | Naphthalene | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| | Nitrobenzene | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| | N-Nitrosodi-n-propylamine | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| | Phenanthrene | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------------------------|-----------------------------|--------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | 08/07/2001 09:10 |
| | Pyrene | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| | 1,2,4-Trichlorobenzene | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| | Surrogate: d5-Nitrobenzene | 84 | | % | 08/19/2001 | 946 | 1464 | | jcs | SW 8270C | |
| | Surrogate: 2-Fluorobiphenyl | 83 | | % | 08/19/2001 | 946 | 1464 | | jcs | SW 8270C | |
| | Surrogate: d14-Terphenyl | 72 | | % | 08/19/2001 | 946 | 1464 | | jcs | SW 8270C | |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | | |
| | Benzoic Acid | <1,850 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <1,850 | jcs | SW 8270C | |
| | 4-Chloro-3-methylphenol | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| | 2-Chlorophenol | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| | 2,4-Dichlorophenol | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| | 2,4-Dimethylphenol | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| | 2-Methyl-4,6-dinitrophenol | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| | 2-Methylphenol | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| | meta & para-Methylphenol | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| | 2-Nitrophenol | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| | Pentachlorophenol | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| | Phenol | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| | 2,4,5-Trichlorophenol | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| | 2,4,6-Trichlorophenol | <370 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <370 | jcs | SW 8270C | |
| | Surrogate: d6-Phenol | 67 | | % | 08/19/2001 | 946 | 1464 | | jcs | SW 8270C | |
| | Surrogate: 2-Fluorophenol | 57 | | % | 08/19/2001 | 946 | 1464 | | jcs | SW 8270C | |
| | Surrogate: Tribromophenol | 66 | | % | 08/19/2001 | 946 | 1464 | | jcs | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|-------------------------------|----------|------|----------|---------------|-------------------|------------------|-----------------|------------------|----------------------------|------------------|
| | | | | | | | | | | | 08/07/2001 09:00 |
| | | | | | 08/15/2001 | | 1477 | | mhg | SM 2540 G. | |
| | | 91.6 | | % | 08/15/2001 | | 1477 | | | | |
| | | Complete | | | 08/16/2001 | | 1229 | Complete | emd | SW 6010B | |
| | | <3.5 | | mg/kg dw | 08/16/2001 | 900 | 2956 | <3.5 | emd | SW 6010B | |
| | | 36.1 | | mg/kg dw | 08/16/2001 | 900 | 2887 | <0.70 | emd | SW 6010B | |
| | | <1.0 | | mg/kg dw | 08/16/2001 | 900 | 2869 | <1.0 | emd | SW 6010B | |
| | | 4.7 | | mg/kg dw | 08/16/2001 | 900 | 2857 | <1.4 | emd | SW 6010B | |
| | | 27.6 | | mg/kg dw | 08/16/2001 | 900 | 2858 | <2.7 | emd | SW 6010B | |
| | | 0.059 | | mg/kg dw | 08/15/2001 | 606 | 620 | <0.009 | epk | SW 7471A | |
| | | <3.5 | | mg/kg dw | 08/16/2001 | 900 | 2936 | <3.5 | emd | SW 6010B | |
| | | <1.4 | | mg/kg dw | 08/16/2001 | 900 | 2889 | <1.4 | emd | SW 6010B | |
| | | Complete | | | 08/13/2001 | 900 | | Complete | mrt | SW 3050B | |
| | | Complete | | | 08/14/2001 | 606 | | Complete | epk | SW 7471A | |
| | | Complete | | | 08/13/2001 | 946 | | Complete | mem | EPA 625; SW 3540C; SW 3545 | |
| | BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| | Acenaphthene | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | Acenaphthylene | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | Anthracene | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | Benzo(a)anthracene | 487 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | Benzo(b)fluoranthene | 663 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | Benzo(k)fluoranthene | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <180 | jcs | SW 8270C | |
| | Benzo(a)pyrene | 442 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | Benzyl alcohol | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | Benzyl butyl phthalate | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | Bis(2-chloroethyl)ether | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|------------|------------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 698534 | SBI002:GB23:S005020:428 | | | | | | | | | | 08/07/2001 09:00 |
| | Bis(2-chloroethoxy)methane | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | Bis(2-ethylhexyl)phthalate | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | 2,2'-oxybis(1-Chloropropane) | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | 4-Bromophenyl phenyl ether | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | 4-Chloroaniline | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | 2-Chloronaphthalene | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | Chrysene | 520 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | Dibenzo(a,h)anthracene | <180 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <180 | jcs | SW 8270C | |
| | Dibenzofuran | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | 1,2-Dichlorobenzene | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | 1,3-Dichlorobenzene | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | 1,4-Dichlorobenzene | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | 3,3'-Dichlorobenzidine | <721 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <721 | jcs | SW 8270C | |
| | Diethyl phthalate | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | Dimethyl phthalate | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | 2,4-Dinitrotoluene | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | 2,6-Dinitrotoluene | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | Di-n-octylphthalate | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | Fluoranthene | 845 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | Fluorene | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | Hexachlorobenzene | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | Hexachloro-1,3-butadiene | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | Hexachlorocyclopentadiene | <721 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <721 | jcs | SW 8270C | |
| | Hexachloroethane | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | Indeno(1,2,3-cd)pyrene | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|------------------------------|--------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | 08/07/2001 09:00 |
| | | | | | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | Isophorone | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | Naphthalene | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | Nitrobenzene | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | N-Nitrosodi-n-propylamine | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | Phenanthrene | 462 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | Pyrene | 820 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | 1,2,4-Trichlorobenzene | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | Surrogate: d5-Nitrobenzene | 70 | | % | 08/19/2001 | 946 | 1464 | | jcs | SW 8270C | |
| | Surrogate: 2-Fluorobiphenyl | 72 | | % | 08/19/2001 | 946 | 1464 | | jcs | SW 8270C | |
| | Surrogate: d14-Terphenyl | 74 | | % | 08/19/2001 | 946 | 1464 | | jcs | SW 8270C | |
| | ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | |
| | Benzoic Acid | <1,800 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <1,800 | jcs | SW 8270C | |
| | 4-Chloro-3-methylphenol | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | 2-Chlorophenol | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | 2,4-Dichlorophenol | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | 2,4-Dimethylphenol | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | 2-Methyl-4,6-dinitrophenol | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | 2-Methylphenol | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | meta & para-Methylphenol | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | 2-Nitrophenol | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | Pentachlorophenol | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | Phenol | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | 2,4,5-Trichlorophenol | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |
| | 2,4,6-Trichlorophenol | <360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <360 | jcs | SW 8270C | |

ANALYTICAL REPORT

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Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|---------------------------|--------------------------|----------|------|----------|---------------|-------------------|------------------|-----------------|------------------|----------------------------|------------------|
| | | | | | | | | | | | |
| 698534 | SBI002:GB23:S005020:428 | | | | | | | | | | 08/07/2001 09:00 |
| Surrogate: d6-Phenol | | 66 | | % | 08/19/2001 | 946 | 1464 | | jcs | SW 8270C | |
| Surrogate: 2-Fluorophenol | | 59 | | % | 08/19/2001 | 946 | 1464 | | jcs | SW 8270C | |
| Surrogate: Tribromophenol | | 72 | | % | 08/19/2001 | 946 | 1464 | | jcs | SW 8270C | |
| 698535 | SBI002:GB-15:S000010:412 | | | | | | | | | | 08/07/2001 15:35 |
| Dry Weight | | 89.4 | | % | 08/15/2001 | | 1477 | | mhg | SM 2540 G. | |
| ICP NONAQUEOUS | | Complete | | | 08/16/2001 | | 1229 | Complete | emd | SW 6010B | |
| Arsenic, ICP | | 27.6 | | mg/kg dw | 08/16/2001 | 900 | 2956 | <7.2 | emd | SW 6010B | |
| Barium, ICP | | 171 | | mg/kg dw | 08/16/2001 | 900 | 2887 | <1.5 | emd | SW 6010B | |
| Cadmium, ICP | | 3.0 | | mg/kg dw | 08/16/2001 | 900 | 2869 | <2.1 | emd | SW 6010B | |
| Chromium, ICP | | 22.6 | | mg/kg dw | 08/16/2001 | 900 | 2857 | <2.9 | emd | SW 6010B | |
| Lead, ICP | | 391 | | mg/kg dw | 08/16/2001 | 900 | 2858 | <5.8 | emd | SW 6010B | |
| Mercury, CVAA | | 0.716 | | mg/kg dw | 08/15/2001 | 606 | 620 | <0.043 | epk | SW 7471A | |
| Selenium, ICP | | <7.2 | | mg/kg dw | 08/16/2001 | 900 | 2936 | <7.2 | emd | SW 6010B | |
| Silver, ICP | | <2.9 | | mg/kg dw | 08/16/2001 | 900 | 2889 | <2.9 | emd | SW 6010B | |
| ICP Digestion, Nonaqueous | | Complete | | | 08/13/2001 | 900 | | Complete | mrt | SW 3050B | |
| Mercury Digestion, Non-Aq | | Complete | | | 08/14/2001 | 606 | | Complete | epk | SW 7471A | |
| Prep, BNA Non-Aq | | Complete | | | 08/13/2001 | 946 | | Complete | mem | EPA 625; SW 3540C; SW 3545 | |

BASE NEUT. COMPS.-8270 Non-aq

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|------------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 698535 | SBI002:GB-15:S000010:412 | | | | | | | | | DATE/TIME TAKEN 08/07/2001 15:35 |
| | Acenaphthene | <369 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C |
| | Acenaphthylene | <369 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C |
| | Anthracene | <369 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C |
| | Benzo(a)anthracene | 452 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C |
| | Benzo(b)fluoranthene | 826 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C |
| | Benzo(k)fluoranthene | <369 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C |
| | Benzo(a)pyrene | 500 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <185 | jcs | SW 8270C |
| | Benzyl alcohol | <369 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C |
| | Benzyl butyl phthalate | <369 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C |
| | Bis(2-chloroethyl) ether | <369 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C |
| | Bis(2-chloroethoxy)methane | <369 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C |
| | Bis(2-ethylhexyl)phthalate | <369 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C |
| | 2,2'-oxybis(1-Chloropropane) | <369 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C |
| | 4-Bromophenyl phenyl ether | <369 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C |
| | 4-Chloroaniline | <369 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C |
| | 2-Chloronaphthalene | <369 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C |
| | Chrysene | 644 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C |
| | Dibenzo(a,h)anthracene | <185 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <185 | jcs | SW 8270C |
| | Dibenzofuran | <369 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C |
| | 1,2-Dichlorobenzene | <369 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C |
| | 1,3-Dichlorobenzene | <369 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C |
| | 1,4-Dichlorobenzene | <369 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C |
| | 3,3'-Dichlorobenzidine | <738 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <738 | jcs | SW 8270C |
| | Diethyl phthalate | <369 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C |
| | Dimethyl phthalate | <369 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------------------------|--------------------------|--------|------|----------|------------|-------|-------|-----------|----------|------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| | | | | | | | | | | DATE/TIME TAKEN |
| 698535 | SBI002:GB-15:S000010:412 | | | | | | | | | 08/07/2001 15:35 |
| 2,4-Dinitrotoluene | | <369 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C |
| 2,6-Dinitrotoluene | | <369 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C |
| Di-n-octylphthalate | | <369 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C |
| Fluoranthene | | 489 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C |
| Fluorene | | <369 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C |
| Hexachlorobenzene | | <369 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C |
| Hexachloro-1,3-butadiene | | <369 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C |
| Hexachlorocyclopentadiene | | <738 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <738 | jcs | SW 8270C |
| Hexachloroethane | | <369 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C |
| Indeno(1,2,3-cd)pyrene | | 371 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C |
| Isophorone | | <369 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C |
| Naphthalene | | <369 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C |
| Nitrobenzene | | <369 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C |
| N-Nitrosodi-n-propylamine | | <369 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C |
| Phenanthrene | | 719 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C |
| Pyrene | | 2,140 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C |
| 1,2,4-Trichlorobenzene | | <369 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C |
| Surrogate: d5-Nitrobenzene | | 80 | note | % | 08/19/2001 | 946 | 1464 | | jcs | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 81 | | % | 08/19/2001 | 946 | 1464 | | jcs | SW 8270C |
| Surrogate: d14-Terphenyl | | 237 | | % | 08/19/2001 | 946 | 1464 | | jcs | SW 8270C |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | |
| Benzoic Acid | | <1,850 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <1,850 | jcs | SW 8270C |
| 4-Chloro-3-methylphenol | | <369 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C |
| 2-Chlorophenol | | <369 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|----------------------------|----------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | |
| 698535 | SBI002:GB-15:S000010:412 | | | | | | | | | | 08/07/2001 15:35 |
| | 2,4-Dichlorophenol | <369 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C | |
| | 2,4-Dimethylphenol | <369 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C | |
| | 2-Methyl-4,6-dinitrophenol | <369 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C | |
| | 2-Methylphenol | <369 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C | |
| | meta & para-Methylphenol | <369 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C | |
| | 2-Nitrophenol | <369 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C | |
| | Pentachlorophenol | <369 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C | |
| | Phenol | <369 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C | |
| | 2,4,5-Trichlorophenol | <369 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C | |
| | 2,4,6-Trichlorophenol | <369 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <369 | jcs | SW 8270C | |
| | Surrogate: d6-Phenol | 69 | | % | 08/19/2001 | 946 | 1464 | | jcs | SW 8270C | |
| | Surrogate: 2-Fluorophenol | 58 | | % | 08/19/2001 | 946 | 1464 | | jcs | SW 8270C | |
| | Surrogate: Tribromophenol | 59 | | % | 08/19/2001 | 946 | 1464 | | jcs | SW 8270C | |
| 698536 | SBI002:GB-16:S000005:412 | | | | | | | | | | 08/07/2001 16:15 |
| | Dry Weight | 92.1 | | % | 08/16/2001 | | 1478 | | mhg | SM 2540 G. | |
| | ICP NONAQUEOUS | Complete | | | 08/16/2001 | | 1229 | Complete | emd | SW 6010B | |
| | Arsenic, ICP | 17.2 | | mg/kg dw | 08/16/2001 | 900 | 2956 | <7.1 | emd | SW 6010B | |
| | Barium, ICP | 87.0 | | mg/kg dw | 08/16/2001 | 900 | 2887 | <1.4 | emd | SW 6010B | |
| | Cadmium, ICP | <2.1 | | mg/kg dw | 08/16/2001 | 900 | 2869 | <2.1 | emd | SW 6010B | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|---------------------------|--------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | 08/07/2001 16:15 |
| | 2-Chloronaphthalene | <358 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <358 | jcs | SW 8270C | |
| | Chrysene | 4,040 | | ug/kg dw | 08/21/2001 | 946 | 1466 | <3,580 | dmg | SW 8270C | |
| | Dibenzo(a,h)anthracene | 602 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <179 | jcs | SW 8270C | |
| | Dibenzofuran | <358 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <358 | jcs | SW 8270C | |
| | 1,2-Dichlorobenzene | <358 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <358 | jcs | SW 8270C | |
| | 1,3-Dichlorobenzene | <358 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <358 | jcs | SW 8270C | |
| | 1,4-Dichlorobenzene | <358 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <358 | jcs | SW 8270C | |
| | 3,3'-Dichlorobenzidine | <717 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <717 | jcs | SW 8270C | |
| | Diethyl phthalate | <358 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <358 | jcs | SW 8270C | |
| | Dimethyl phthalate | <358 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <358 | jcs | SW 8270C | |
| | 2,4-Dinitrotoluene | <358 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <358 | jcs | SW 8270C | |
| | 2,6-Dinitrotoluene | <358 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <358 | jcs | SW 8270C | |
| | Di-n-octylphthalate | <358 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <358 | jcs | SW 8270C | |
| | Fluoranthene | 1,740 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <358 | jcs | SW 8270C | |
| | Fluorene | <358 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <358 | jcs | SW 8270C | |
| | Hexachlorobenzene | <358 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <358 | jcs | SW 8270C | |
| | Hexachloro-1,3-butadiene | <358 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <358 | jcs | SW 8270C | |
| | Hexachlorocyclopentadiene | <717 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <717 | jcs | SW 8270C | |
| | Hexachloroethane | <358 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <358 | jcs | SW 8270C | |
| | Indeno(1,2,3-cd)pyrene | 1,410 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <358 | jcs | SW 8270C | |
| | Isophorone | <358 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <358 | jcs | SW 8270C | |
| | Naphthalene | <358 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <358 | jcs | SW 8270C | |
| | Nitrobenzene | <358 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <358 | jcs | SW 8270C | |
| | N-Nitrosodi-n-propylamine | <358 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <358 | jcs | SW 8270C | |
| | Phenanthrene | 539 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <358 | jcs | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------------------------|--------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 698536 | SBI002:GB-16:S000005:412 | | | | | | | | | DATE/TIME TAKEN 08/07/2001 16:15 |
| Pyrene | | 4,020 | | ug/kg dw | 08/21/2001 | 946 | 1466 | <3,580 | dmg | SW 8270C |
| 1,2,4-Trichlorobenzene | | <358 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <358 | jcs | SW 8270C |
| Surrogate: d5-Nitrobenzene | | 83 | note | % | 08/19/2001 | 946 | 1464 | | jcs | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 82 | | % | 08/19/2001 | 946 | 1464 | | jcs | SW 8270C |
| Surrogate: d14-Terphenyl | | 149 | | % | 08/19/2001 | 946 | 1464 | | jcs | SW 8270C |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | |
| Benzoic Acid | | <1,790 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <1,790 | jcs | SW 8270C |
| 4-Chloro-3-methylphenol | | <358 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <358 | jcs | SW 8270C |
| 2-Chlorophenol | | <358 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <358 | jcs | SW 8270C |
| 2,4-Dichlorophenol | | <358 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <358 | jcs | SW 8270C |
| 2,4-Dimethylphenol | | <358 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <358 | jcs | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | | <358 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <358 | jcs | SW 8270C |
| 2-Methylphenol | | <358 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <358 | jcs | SW 8270C |
| meta & para-Methylphenol | | <358 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <358 | jcs | SW 8270C |
| 2-Nitrophenol | | <358 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <358 | jcs | SW 8270C |
| Pentachlorophenol | | <358 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <358 | jcs | SW 8270C |
| Phenol | | <358 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <358 | jcs | SW 8270C |
| 2,4,5-Trichlorophenol | | <358 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <358 | jcs | SW 8270C |
| 2,4,6-Trichlorophenol | | <358 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <358 | jcs | SW 8270C |
| Surrogate: d6-Phenol | | 68 | | % | 08/19/2001 | 946 | 1464 | | jcs | SW 8270C |
| Surrogate: 2-Fluorophenol | | 53 | | % | 08/19/2001 | 946 | 1464 | | jcs | SW 8270C |
| Surrogate: Tribromophenol | | 64 | | % | 08/19/2001 | 946 | 1464 | | jcs | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-------------------------------|--------------------------|----------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 698537 | SBI002:GB-17:S000015:412 | | | | | | | | | DATE/TIME TAKEN 08/07/2001 16:40 |
| Dry Weight | | 88.9 | | % | 08/16/2001 | | 1478 | | mhg | SM 2540 G. |
| ICP NONAQUEOUS | | Complete | | | 08/16/2001 | | 1229 | Complete | emd | SW 6010B |
| Arsenic, ICP | | 26 | | mg/kg dw | 08/16/2001 | 900 | 2956 | <7.0 | emd | SW 6010B |
| Barium, ICP | | 300 | | mg/kg dw | 08/16/2001 | 900 | 2887 | <1.3 | emd | SW 6010B |
| Cadmium, ICP | | <2.0 | | mg/kg dw | 08/16/2001 | 900 | 2869 | <2.0 | emd | SW 6010B |
| Chromium, ICP | | 14.3 | | mg/kg dw | 08/16/2001 | 900 | 2857 | <2.8 | emd | SW 6010B |
| Lead, ICP | | 337 | | mg/kg dw | 08/16/2001 | 900 | 2858 | <5.5 | emd | SW 6010B |
| Mercury, CVAA | | 0.445 | | mg/kg dw | 08/15/2001 | 606 | 620 | <0.009 | epk | SW 7471A |
| Selenium, ICP | | <7.0 | | mg/kg dw | 08/16/2001 | 900 | 2936 | <7.0 | emd | SW 6010B |
| Silver, ICP | | <2.8 | | mg/kg dw | 08/16/2001 | 900 | 2889 | <2.8 | emd | SW 6010B |
| ICP Digestion, Nonaqueous | | Complete | | | 08/13/2001 | 900 | | Complete | mrt | SW 3050B |
| Mercury Digestion, Non-Aq | | Complete | | | 08/14/2001 | 606 | | Complete | epk | SW 7471A |
| Prep, BNA Non-Aq | | Complete | | | 08/13/2001 | 946 | | Complete | mem | EPA 625; SW 3540C; SW 3545 |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| Acenaphthene | | <371 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | SW 8270C |
| Acenaphthylene | | <371 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | SW 8270C |
| Anthracene | | <371 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | SW 8270C |
| Benzo(a)anthracene | | <371 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | SW 8270C |
| Benzo(b)fluoranthene | | 530 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | SW 8270C |
| Benzo(k)fluoranthene | | <371 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | SW 8270C |
| Benzo(a)pyrene | | 245 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <186 | jcs | SW 8270C |
| Benzy alcohol | | <371 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | SW 8270C |
| Benzy butyl phthalate | | <371 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | SW 8270C |
| Bis(2-chloroethyl) ether | | <371 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------------------------|--------------------------|----------|------------|-------|---------------|--------------|--------------|-----------------|----------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 698537 | SBI002:GB-17:S000015:412 | | | | | | | | | |
| | | | | | | | | | | DATE/TIME TAKEN |
| | | | | | | | | | | 08/07/2001 16:40 |
| Bis(2-chloroethoxy)methane | <371 | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | SW 8270C | | |
| Bis(2-ethylhexyl)phthalate | <371 | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | SW 8270C | | |
| 2,2'-oxybis(1-Chloropropane) | <371 | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | SW 8270C | | |
| 4-Bromophenyl phenyl ether | <371 | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | SW 8270C | | |
| 4-Chloroaniline | <371 | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | SW 8270C | | |
| 2-Chloronaphthalene | <371 | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | SW 8270C | | |
| Chrysene | 434 | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | SW 8270C | | |
| Dibenzo(a,h)anthracene | <186 | ug/kg dw | 08/19/2001 | 946 | 1464 | <186 | jcs | SW 8270C | | |
| Dibenzofuran | <371 | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | SW 8270C | | |
| 1,2-Dichlorobenzene | <371 | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | SW 8270C | | |
| 1,3-Dichlorobenzene | <371 | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | SW 8270C | | |
| 1,4-Dichlorobenzene | <371 | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | SW 8270C | | |
| 3,3'-Dichlorobenzidine | <742 | ug/kg dw | 08/19/2001 | 946 | 1464 | <742 | jcs | SW 8270C | | |
| Diethyl phthalate | <371 | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | SW 8270C | | |
| Dimethyl phthalate | <371 | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | SW 8270C | | |
| 2,4-Dinitrotoluene | <371 | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | SW 8270C | | |
| 2,6-Dinitrotoluene | <371 | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | SW 8270C | | |
| Di-n-octylphthalate | <371 | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | SW 8270C | | |
| Fluoranthene | <371 | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | SW 8270C | | |
| Fluorene | <371 | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | SW 8270C | | |
| Hexachlorobenzene | <371 | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | SW 8270C | | |
| Hexachloro-1,3-butadiene | <371 | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | SW 8270C | | |
| Hexachlorocyclopentadiene | <742 | ug/kg dw | 08/19/2001 | 946 | 1464 | <742 | jcs | SW 8270C | | |
| Hexachloroethane | <371 | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | SW 8270C | | |
| Indeno(1,2,3-cd)pyrene | <371 | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | SW 8270C | | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | DATE/TIME TAKEN | Method Reference |
|------------------------------|-----------------------------|--------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | 08/07/2001 16:40 | |
| | Isophorone | <371 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | | SW 8270C |
| | Naphthalene | <371 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | | SW 8270C |
| | Nitrobenzene | <371 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | | SW 8270C |
| | N-Nitrosodi-n-propylamine | <371 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | | SW 8270C |
| | Phenanthrene | 502 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | | SW 8270C |
| | Pyrene | 1,120 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | | SW 8270C |
| | 1,2,4-Trichlorobenzene | <371 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | | SW 8270C |
| | Surrogate: d5-Nitrobenzene | 68 | note | ‡ | 08/19/2001 | 946 | 1464 | | jcs | | SW 8270C |
| | Surrogate: 2-Fluorobiphenyl | 76 | | ‡ | 08/19/2001 | 946 | 1464 | | jcs | | SW 8270C |
| | Surrogate: d14-Terphenyl | 158 | | ‡ | 08/19/2001 | 946 | 1464 | | jcs | | SW 8270C |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | | |
| | Benzoic Acid | <1,860 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <1,860 | jcs | | SW 8270C |
| | 4-Chloro-3-methylphenol | <371 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | | SW 8270C |
| | 2-Chlorophenol | <371 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | | SW 8270C |
| | 2,4-Dichlorophenol | <371 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | | SW 8270C |
| | 2,4-Dimethylphenol | <371 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | | SW 8270C |
| | 2-Methyl-4,6-dinitrophenol | <371 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | | SW 8270C |
| | 2-Methylphenol | <371 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | | SW 8270C |
| | meta & para-Methylphenol | <371 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | | SW 8270C |
| | 2-Nitrophenol | <371 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | | SW 8270C |
| | Pentachlorophenol | <371 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | | SW 8270C |
| | Phenol | <371 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | | SW 8270C |
| | 2,4,5-Trichlorophenol | <371 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | | SW 8270C |
| | 2,4,6-Trichlorophenol | <371 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <371 | jcs | | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | |
|---------------------------|----------|---------------------------|---------------|-------------------|------------------|------------------------|------------------|----------------------------|--|
| SAMPLE NO. | | SAMPLE DESCRIPTION | | | | DATE/TIME TAKEN | | | |
| 698537 | | SBI002:GB-17:S000015:412 | | | | 08/07/2001 16:40 | | | |
| Surrogate: d6-Phenol | 57 | % | 08/19/2001 | 946 | 1464 | | jcs | SW 8270C | |
| Surrogate: 2-Fluorophenol | 40 | % | 08/19/2001 | 946 | 1464 | | jcs | SW 8270C | |
| Surrogate: Tribromophenol | 55 | % | 08/19/2001 | 946 | 1464 | | jcs | SW 8270C | |
| SAMPLE NO. | | SAMPLE DESCRIPTION | | | | DATE/TIME TAKEN | | | |
| 698538 | | SBI002:GB-28:S000020:412 | | | | 08/07/2001 10:30 | | | |
| Dry Weight | 95.2 | % | 08/16/2001 | | 1478 | | mhg | SM 2540 G. | |
| ICP NONAQUEOUS | Complete | | 08/16/2001 | | 1229 | Complete | emd | SW 6010B | |
| Arsenic, ICP | <3.3 | mg/kg dw | 08/16/2001 | 901 | 2956 | <3.3 | emd | SW 6010B | |
| Barium, ICP | 77.5 | mg/kg dw | 08/16/2001 | 901 | 2887 | <0.66 | emd | SW 6010B | |
| Cadmium, ICP | <0.99 | mg/kg dw | 08/16/2001 | 901 | 2869 | <0.99 | emd | SW 6010B | |
| Chromium, ICP | 5.6 | mg/kg dw | 08/16/2001 | 901 | 2857 | <1.4 | emd | SW 6010B | |
| Lead, ICP | 39.0 | mg/kg dw | 08/16/2001 | 901 | 2858 | <2.6 | emd | SW 6010B | |
| Mercury, CVAA | 0.068 | mg/kg dw | 08/15/2001 | 606 | 620 | <0.008 | epk | SW 7471A | |
| Selenium, ICP | <3.3 | mg/kg dw | 08/16/2001 | 901 | 2936 | <3.3 | emd | SW 6010B | |
| Silver, ICP | <1.4 | mg/kg dw | 08/16/2001 | 901 | 2889 | <1.4 | emd | SW 6010B | |
| ICP Digestion, Nonaqueous | Complete | | 08/15/2001 | 901 | | Complete | mrt | SW 3050B | |
| Mercury Digestion, Non-Aq | Complete | | 08/14/2001 | 606 | | Complete | epk | SW 7471A | |
| Prep, BNA Non-Aq | Complete | | 08/13/2001 | 946 | | Complete | mem | EPA 625; SW 3540C; SW 3545 | |

BASE NEUT. COMPS.-8270 Non-aq

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method | Reference |
|------------------------------|--------------------------|--------|------|----------|------------|-------|-------|-----------|----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | | |
| 698538 | SBI002:GB-28:S000020:412 | | | | | | | | | | DATE/TIME TAKEN 08/07/2001 10:30 |
| Acenaphthene | | <347 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <347 | jcs | SW 8270C | |
| Acenaphthylene | | <347 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <347 | jcs | SW 8270C | |
| Anthracene | | 521 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <347 | jcs | SW 8270C | |
| Benzo(a)anthracene | | 899 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <347 | jcs | SW 8270C | |
| Benzo(b)fluoranthene | | 1,320 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <347 | jcs | SW 8270C | |
| Benzo(k)fluoranthene | | <347 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <347 | jcs | SW 8270C | |
| Benzo(a)pyrene | | 707 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <173 | jcs | SW 8270C | |
| Benzyl alcohol | | <347 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <347 | jcs | SW 8270C | |
| Benzyl butyl phthalate | | <347 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <347 | jcs | SW 8270C | |
| Bis(2-chloroethyl)ether | | <347 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <347 | jcs | SW 8270C | |
| Bis(2-chloroethoxy)methane | | <347 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <347 | jcs | SW 8270C | |
| Bis(2-ethylhexyl)phthalate | | <347 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <347 | jcs | SW 8270C | |
| 2,2'-oxybis(1-Chloropropane) | | <347 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <347 | jcs | SW 8270C | |
| 4-Bromophenyl phenyl ether | | <347 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <347 | jcs | SW 8270C | |
| 4-Chloroaniline | | <347 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <347 | jcs | SW 8270C | |
| 2-Chloronaphthalene | | <347 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <347 | jcs | SW 8270C | |
| Chrysene | | 827 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <347 | jcs | SW 8270C | |
| Dibenzo(a,h)anthracene | | <173 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <173 | jcs | SW 8270C | |
| Dibenzofuran | | <347 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <347 | jcs | SW 8270C | |
| 1,2-Dichlorobenzene | | <347 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <347 | jcs | SW 8270C | |
| 1,3-Dichlorobenzene | | <347 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <347 | jcs | SW 8270C | |
| 1,4-Dichlorobenzene | | <347 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <347 | jcs | SW 8270C | |
| 3,3'-Dichlorobenzidine | | <693 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <693 | jcs | SW 8270C | |
| Diethyl phthalate | | <347 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <347 | jcs | SW 8270C | |
| Dimethyl phthalate | | <347 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <347 | jcs | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|----------------------------|--------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | |
| 698538 | SBI002:GB-28:S000020:412 | | | | | | | | | | 08/07/2001 10:30 |
| | 2,4-Dichlorophenol | <347 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <347 | jcs | SW 8270C | |
| | 2,4-Dimethylphenol | <347 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <347 | jcs | SW 8270C | |
| | 2-Methyl-4,6-dinitrophenol | <347 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <347 | jcs | SW 8270C | |
| | 2-Methylphenol | <347 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <347 | jcs | SW 8270C | |
| | meta & para-Methylphenol | <347 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <347 | jcs | SW 8270C | |
| | 2-Nitrophenol | <347 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <347 | jcs | SW 8270C | |
| | Pentachlorophenol | <347 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <347 | jcs | SW 8270C | |
| | Phenol | <347 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <347 | jcs | SW 8270C | |
| | 2,4,5-Trichlorophenol | <347 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <347 | jcs | SW 8270C | |
| | 2,4,6-Trichlorophenol | <347 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <347 | jcs | SW 8270C | |
| | Surrogate: d6-Phenol | 75 | | % | 08/19/2001 | 946 | 1464 | | jcs | SW 8270C | |
| | Surrogate: 2-Fluorophenol | 67 | | % | 08/19/2001 | 946 | 1464 | | jcs | SW 8270C | |
| | Surrogate: Tribromophenol | 73 | | % | 08/19/2001 | 946 | 1464 | | jcs | SW 8270C | |

| SAMPLE NO. | SAMPLE DESCRIPTION | DATE/TIME TAKEN |
|------------|--------------------------|------------------|
| 698539 | SBI002:GB-29:S005015:412 | 08/07/2001 11:15 |

| Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference |
|----------------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|
| Dry Weight | | 85.2 | % | 08/16/2001 | | 1478 | mhg | SM 2540 G. |
| ICP NONAQUEOUS | | Complete | | 08/16/2001 | | 1229 | Complete | emd SW 6010B |
| Arsenic, ICP | | 41.5 | mg/kg dw | 08/16/2001 | 901 | 2956 | <12 | emd SW 6010B |
| Barium, ICP | | 230 | mg/kg dw | 08/16/2001 | 901 | 2887 | <2.3 | emd SW 6010B |
| Cadmium, ICP | | <3.5 | mg/kg dw | 08/16/2001 | 901 | 2869 | <3.5 | emd SW 6010B |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-------------------------------|--------------------------|----------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 698539 | SBI002:GB-29:S005015:412 | | | | | | | | | DATE/TIME TAKEN 08/07/2001 11:15 |
| Chromium, ICP | | 22.9 | | mg/kg dw | 08/16/2001 | 901 | 2857 | <4.6 | emd | SW 6010B |
| Lead, ICP | | 225 | | mg/kg dw | 08/16/2001 | 901 | 2858 | <9.3 | emd | SW 6010B |
| Mercury, CVAA | | 4.17 | | mg/kg dw | 08/15/2001 | 606 | 620 | <0.094 | epk | SW 7471A |
| Selenium, ICP | | <12 | | mg/kg dw | 08/16/2001 | 901 | 2936 | <12 | emd | SW 6010B |
| Silver, ICP | | <4.6 | | mg/kg dw | 08/16/2001 | 901 | 2889 | <4.6 | emd | SW 6010B |
| ICP Digestion, Nonaqueous | | Complete | | | 08/15/2001 | 901 | | Complete | mrt | SW 3050B |
| Mercury Digestion, Non-Aq | | Complete | | | 08/14/2001 | 606 | | Complete | epk | SW 7471A |
| Prep, BNA Non-Aq | | Complete | | | 08/13/2001 | 946 | | Complete | mem | EPA 625; SW 3540C; SW 3545 |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| Acenaphthene | | <774 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <774 | dmg | SW 8270C |
| Acenaphthylene | | 1,040 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <775 | dmg | SW 8270C |
| Anthracene | | 999 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <775 | dmg | SW 8270C |
| Benzo(a)anthracene | | 2,570 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <775 | dmg | SW 8270C |
| Benzo(b)fluoranthene | | 5,110 | | ug/kg dw | 08/20/2001 | 946 | 1465 | <3,870 | dmg | SW 8270C |
| Benzo(k)fluoranthene | | 2,380 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <775 | dmg | SW 8270C |
| Benzo(a)pyrene | | 2,620 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <387 | dmg | SW 8270C |
| Benzyl alcohol | | <774 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <774 | dmg | SW 8270C |
| Benzyl butyl phthalate | | <774 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <774 | dmg | SW 8270C |
| Bis(2-chloroethyl)ether | | <774 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <774 | dmg | SW 8270C |
| Bis(2-chloroethoxy)methane | | <774 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <774 | dmg | SW 8270C |
| Bis(2-ethylhexyl)phthalate | | <774 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <774 | dmg | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <774 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <774 | dmg | SW 8270C |
| 4-Bromophenyl phenyl ether | | <774 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <774 | dmg | SW 8270C |
| 4-Chloroaniline | | <774 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <774 | dmg | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|---------------------------|--------------------------|--------|------|----------|------------|-------|-------|-----------|---------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | | | |
| 698539 | SBI002:GB-29:S005015:412 | | | | | | | | | DATE/TIME TAKEN 08/07/2001 11:15 |
| 2-Chloronaphthalene | | <774 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <774 | dmg | SW 8270C |
| Chrysene | | 3,370 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <775 | dmg | SW 8270C |
| Dibenzo(a,h)anthracene | | <388 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <388 | dmg | SW 8270C |
| Dibenzofuran | | <774 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <774 | dmg | SW 8270C |
| 1,2-Dichlorobenzene | | <774 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <774 | dmg | SW 8270C |
| 1,3-Dichlorobenzene | | <774 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <774 | dmg | SW 8270C |
| 1,4-Dichlorobenzene | | <774 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <774 | dmg | SW 8270C |
| 3,3'-Dichlorobenzidine | | <1,550 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <1,550 | dmg | SW 8270C |
| Diethyl phthalate | | <774 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <774 | dmg | SW 8270C |
| Dimethyl phthalate | | <774 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <774 | dmg | SW 8270C |
| 2,4-Dinitrotoluene | | <774 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <774 | dmg | SW 8270C |
| 2,6-Dinitrotoluene | | <774 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <774 | dmg | SW 8270C |
| Di-n-octylphthalate | | <774 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <774 | dmg | SW 8270C |
| Fluoranthene | | 4,580 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <775 | dmg | SW 8270C |
| Fluorene | | <774 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <774 | dmg | SW 8270C |
| Hexachlorobenzene | | <774 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <774 | dmg | SW 8270C |
| Hexachloro-1,3-butadiene | | <774 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <774 | dmg | SW 8270C |
| Hexachlorocyclopentadiene | | <1,550 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <1,550 | dmg | SW 8270C |
| Hexachloroethane | | <774 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <774 | dmg | SW 8270C |
| Indeno(1,2,3-cd)pyrene | | <774 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <774 | dmg | SW 8270C |
| Isophorone | | <774 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <774 | dmg | SW 8270C |
| Naphthalene | | <774 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <774 | dmg | SW 8270C |
| Nitrobenzene | | <774 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <774 | dmg | SW 8270C |
| N-Nitrosodi-n-propylamine | | <774 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <774 | dmg | SW 8270C |
| Phenanthrene | | 1,350 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <775 | dmg | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------------------------|--------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 698539 | SBI002:GB-29:S005015:412 | | | | | | | | | DATE/TIME TAKEN 08/07/2001 11:15 |
| Pyrene | | 6,650 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <775 | dmg | SW 8270C |
| 1,2,4-Trichlorobenzene | | <774 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <774 | dmg | SW 8270C |
| Surrogate: d5-Nitrobenzene | | 82 | | % | 08/19/2001 | 946 | 1463 | | dmg | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 94 | | % | 08/19/2001 | 946 | 1463 | | dmg | SW 8270C |
| Surrogate: d14-Terphenyl | | 152 | Note | % | 08/19/2001 | 946 | 1463 | | dmg | SW 8270C |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | |
| Benzoic Acid | | <3,880 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <3,880 | dmg | SW 8270C |
| 4-Chloro-3-methylphenol | | <774 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <774 | dmg | SW 8270C |
| 2-Chlorophenol | | <774 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <774 | dmg | SW 8270C |
| 2,4-Dichlorophenol | | <774 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <774 | dmg | SW 8270C |
| 2,4-Dimethylphenol | | <774 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <774 | dmg | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | | <774 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <774 | dmg | SW 8270C |
| 2-Methylphenol | | <774 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <774 | dmg | SW 8270C |
| meta & para-Methylphenol | | <774 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <774 | dmg | SW 8270C |
| 2-Nitrophenol | | <774 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <774 | dmg | SW 8270C |
| Pentachlorophenol | | <774 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <774 | dmg | SW 8270C |
| Phenol | | <774 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <774 | dmg | SW 8270C |
| 2,4,5-Trichlorophenol | | <774 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <774 | dmg | SW 8270C |
| 2,4,6-Trichlorophenol | | <774 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <774 | dmg | SW 8270C |
| Surrogate: d6-Phenol | | 74 | | % | 08/19/2001 | 946 | 1463 | | dmg | SW 8270C |
| Surrogate: 2-Fluorophenol | | 60 | | % | 08/19/2001 | 946 | 1463 | | dmg | SW 8270C |
| Surrogate: Tribromophenol | | 80 | | % | 08/19/2001 | 946 | 1463 | | dmg | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|--------------------------------|----------|------|----------|---------------|-------------------|------------------|-----------------|------------------|----------------------------|------------------|
| | | | | | | | | | | | 08/07/2001 11:35 |
| | Dry Weight | 82.0 | | % | 08/16/2001 | | 1478 | | mhg | SM 2540 G. | |
| | ICP NONAQUEOUS | Complete | | | 08/16/2001 | | 1229 | Complete | emd | SW 6010B | |
| | Arsenic, ICP | 6.7 | | mg/kg dw | 08/16/2001 | 901 | 2956 | <4.0 | emd | SW 6010B | |
| | Barium, ICP | 370 | | mg/kg dw | 08/16/2001 | 901 | 2887 | <0.80 | emd | SW 6010B | |
| | Cadmium, ICP | 2.2 | | mg/kg dw | 08/16/2001 | 901 | 2869 | <1.2 | emd | SW 6010B | |
| | Chromium, ICP | 16.5 | | mg/kg dw | 08/16/2001 | 901 | 2857 | <1.6 | emd | SW 6010B | |
| | Lead, ICP | 429 | | mg/kg dw | 08/16/2001 | 901 | 2858 | <3.3 | emd | SW 6010B | |
| | Mercury, CVAA | 5.13 | | mg/kg dw | 08/15/2001 | 606 | 620 | <0.201 | epk | SW 7471A | |
| | Selenium, ICP | <4.0 | | mg/kg dw | 08/16/2001 | 901 | 2936 | <4.0 | emd | SW 6010B | |
| | Silver, ICP | <1.6 | | mg/kg dw | 08/16/2001 | 901 | 2889 | <1.6 | emd | SW 6010B | |
| | ICP Digestion, Nonaqueous | Complete | | | 08/15/2001 | 901 | | Complete | mrt | SW 3050B | |
| | Mercury Digestion, Non-Aq | Complete | | | 08/14/2001 | 606 | | Complete | epk | SW 7471A | |
| | Prep, BNA Non-Aq | Complete | | | 08/13/2001 | 946 | | Complete | mem | EPA 625; SW 3540C; SW 3545 | |
| | BASE NEUT. COMPS. -8270 Non-aq | | | | | | | | | | |
| | Acenaphthene | 561 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C | |
| | Acenaphthylene | 7,060 | | ug/kg dw | 08/21/2001 | 946 | 1466 | <4,020 | dmg | SW 8270C | |
| | Anthracene | 1,490 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C | |
| | Benzo(a)anthracene | 4,380 | | ug/kg dw | 08/21/2001 | 946 | 1466 | <4,020 | dmg | SW 8270C | |
| | Benzo(b)fluoranthene | 8,600 | | ug/kg dw | 08/21/2001 | 946 | 1466 | <4,020 | dmg | SW 8270C | |
| | Benzo(k)fluoranthene | 1,270 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C | |
| | Benzo(a)pyrene | 8,900 | | ug/kg dw | 08/21/2001 | 946 | 1466 | <2,010 | dmg | SW 8270C | |
| | Benzyl alcohol | <402 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C | |
| | Benzyl butyl phthalate | <402 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C | |
| | Bis(2-chloroethyl)ether | <402 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Run | | Reporting Analyst | Initials | Method Reference |
|------------------------------|--------------------------|--------|------|----------|---------------|--------------|--------------|-------------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 698540 | SBI002:GB-31:S000010:412 | | | | | | | | | DATE/TIME TAKEN 08/07/2001 11:35 |
| Bis(2-chloroethoxy)methane | | <402 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C |
| Bis(2-ethylhexyl)phthalate | | <402 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <402 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C |
| 4-Bromophenyl phenyl ether | | <402 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C |
| 4-Chloroaniline | | <402 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C |
| 2-Chloronaphthalene | | <402 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C |
| Chrysene | 3,180 | | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C |
| Dibenzo(a,h)anthracene | 1,430 | | | ug/kg dw | 08/20/2001 | 946 | 1464 | <201 | jcs | SW 8270C |
| Dibenzofuran | 637 | | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C |
| 1,2-Dichlorobenzene | <402 | | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C |
| 1,3-Dichlorobenzene | <402 | | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C |
| 1,4-Dichlorobenzene | <402 | | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C |
| 3,3'-Dichlorobenzidine | <805 | | | ug/kg dw | 08/20/2001 | 946 | 1464 | <805 | jcs | SW 8270C |
| Diethyl phthalate | <402 | | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C |
| Dimethyl phthalate | <402 | | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C |
| 2,4-Dinitrotoluene | <402 | | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C |
| 2,6-Dinitrotoluene | <402 | | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C |
| Di-n-octylphthalate | <402 | | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C |
| Fluoranthene | 1,820 | | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C |
| Fluorene | 1,620 | | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C |
| Hexachlorobenzene | <402 | | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C |
| Hexachloro-1,3-butadiene | <402 | | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C |
| Hexachlorocyclopentadiene | <805 | | | ug/kg dw | 08/20/2001 | 946 | 1464 | <805 | jcs | SW 8270C |
| Hexachloroethane | <402 | | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C |
| Indeno(1,2,3-cd)pyrene | 2,370 | | | ug/kg dw | 08/21/2001 | 946 | 1466 | <2,010 | dmg | SW 8270C |

ANALYTICAL REPORT

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6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------------------------|-----------------------------|--------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | 08/07/2001 11:35 |
| | Isophorone | <402 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C | |
| | Naphthalene | <402 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C | |
| | Nitrobenzene | <402 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C | |
| | N-Nitrosodi-n-propylamine | <402 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C | |
| | Phenanthrene | 5,340 | | ug/kg dw | 08/21/2001 | 946 | 1466 | <4,020 | dmg | SW 8270C | |
| | Pyrene | 7,210 | | ug/kg dw | 08/21/2001 | 946 | 1466 | <4,020 | dmg | SW 8270C | |
| | 1,2,4-Trichlorobenzene | <402 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C | |
| | Surrogate: d5-Nitrobenzene | 74 | note | % | 08/20/2001 | 946 | 1464 | | jcs | SW 8270C | |
| | Surrogate: 2-Fluorobiphenyl | 80 | | % | 08/20/2001 | 946 | 1464 | | jcs | SW 8270C | |
| | Surrogate: d14-Terphenyl | 243 | | % | 08/20/2001 | 946 | 1464 | | jcs | SW 8270C | |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | | |
| | Benzoic Acid | <2,010 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <2,010 | jcs | SW 8270C | |
| | 4-Chloro-3-methylphenol | <402 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C | |
| | 2-Chlorophenol | <402 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C | |
| | 2,4-Dichlorophenol | <402 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C | |
| | 2,4-Dimethylphenol | <402 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C | |
| | 2-Methyl-4,6-dinitrophenol | <402 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C | |
| | 2-Methylphenol | <402 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C | |
| | meta & para-Methylphenol | <402 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C | |
| | 2-Nitrophenol | <402 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C | |
| | Pentachlorophenol | <402 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C | |
| | Phenol | <402 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C | |
| | 2,4,5-Trichlorophenol | <402 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C | |
| | 2,4,6-Trichlorophenol | <402 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <402 | jcs | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst | |
|---------------------------|--------------------------|----------|------|----------|---------------|-------------------|------------------|-----------------|------------------|----------------------------|
| | | | | | | | | | Initials | Method Reference |
| | | | | | | | | | DATE/TIME TAKEN | |
| 698540 | SBI002:GB-31:S000010:412 | | | | | | | | 08/07/2001 11:35 | |
| Surrogate: d6-Phenol | | 64 | | % | 08/20/2001 | 946 | 1464 | | jcs | SW 8270C |
| Surrogate: 2-Fluorophenol | | 47 | | % | 08/20/2001 | 946 | 1464 | | jcs | SW 8270C |
| Surrogate: Tribromophenol | | 47 | | % | 08/20/2001 | 946 | 1464 | | jcs | SW 8270C |
| | | | | | | | | | DATE/TIME TAKEN | |
| 698541 | SBI002:GB-33:S000010:412 | | | | | | | | 08/07/2001 12:45 | |
| Dry Weight | | 92.9 | | % | 08/16/2001 | | 1478 | | mhg | SM 2540 G. |
| ICP NONAQUEOUS | | Complete | | | 08/16/2001 | | 1229 | Complete | emd | SW 6010B |
| Arsenic, ICP | | 9.7 | | mg/kg dw | 08/16/2001 | 901 | 2956 | <3.6 | emd | SW 6010B |
| Barium, ICP | | 238 | | mg/kg dw | 08/16/2001 | 901 | 2887 | <0.71 | emd | SW 6010B |
| Cadmium, ICP | | <1.1 | | mg/kg dw | 08/16/2001 | 901 | 2869 | <1.1 | emd | SW 6010B |
| Chromium, ICP | | 13 | | mg/kg dw | 08/16/2001 | 901 | 2857 | <1.4 | emd | SW 6010B |
| Lead, ICP | | 397 | | mg/kg dw | 08/16/2001 | 901 | 2858 | <2.9 | emd | SW 6010B |
| Mercury, CVAA | | 0.504 | | mg/kg dw | 08/15/2001 | 606 | 620 | <0.042 | epk | SW 7471A |
| Selenium, ICP | | <3.6 | | mg/kg dw | 08/16/2001 | 901 | 2936 | <3.6 | emd | SW 6010B |
| Silver, ICP | | <1.4 | | mg/kg dw | 08/16/2001 | 901 | 2889 | <1.4 | emd | SW 6010B |
| ICP Digestion, Nonaqueous | | Complete | | | 08/15/2001 | 901 | | Complete | mrt | SW 3050B |
| Mercury Digestion, Non-Aq | | Complete | | | 08/14/2001 | 606 | | Complete | epk | SW 7471A |
| Prep, BNA Non-Aq | | Complete | | | 08/13/2001 | 946 | | Complete | mem | EPA 625; SW 3540C; SW 3545 |

BASE NEUT. COMPS.-8270 Non-aq

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|-------------------------------|--------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 698541 | SBI002:GB-33:S000010:412 | | | | | | | | | DATE/TIME TAKEN 08/07/2001 12:45 |
| Acenaphthene | | <355 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <355 | jcs | SW 8270C |
| Acenaphthylene | | <355 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <355 | jcs | SW 8270C |
| Anthracene | | <355 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <355 | jcs | SW 8270C |
| Benzo (a) anthracene | | <355 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <355 | jcs | SW 8270C |
| Benzo (b) fluoranthene | | 569 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <355 | jcs | SW 8270C |
| Benzo (k) fluoranthene | | <355 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <355 | jcs | SW 8270C |
| Benzo (a) pyrene | | 339 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <178 | jcs | SW 8270C |
| Benzyl alcohol | | <355 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <355 | jcs | SW 8270C |
| Benzyl butyl phthalate | | <355 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <355 | jcs | SW 8270C |
| Bis (2-chloroethyl) ether | | <355 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <355 | jcs | SW 8270C |
| Bis (2-chloroethoxy) methane | | <355 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <355 | jcs | SW 8270C |
| Bis (2-ethylhexyl) phthalate | | <355 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <355 | jcs | SW 8270C |
| 2,2'-oxybis (1-Chloropropane) | | <355 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <355 | jcs | SW 8270C |
| 4-Bromophenyl phenyl ether | | <355 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <355 | jcs | SW 8270C |
| 4-Chloroaniline | | <355 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <355 | jcs | SW 8270C |
| 2-Chloronaphthalene | | <355 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <355 | jcs | SW 8270C |
| Chrysene | | 360 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <355 | jcs | SW 8270C |
| Dibenzo (a, h) anthracene | | <178 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <178 | jcs | SW 8270C |
| Dibenzofuran | | <355 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <355 | jcs | SW 8270C |
| 1,2-Dichlorobenzene | | <355 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <355 | jcs | SW 8270C |
| 1,3-Dichlorobenzene | | <355 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <355 | jcs | SW 8270C |
| 1,4-Dichlorobenzene | | <355 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <355 | jcs | SW 8270C |
| 3,3'-Dichlorobenzidine | | <710 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <710 | jcs | SW 8270C |
| Diethyl phthalate | | <355 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <355 | jcs | SW 8270C |
| Dimethyl phthalate | | <355 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <355 | jcs | SW 8270C |

ANALYTICAL REPORT

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6130 Wilcox Rd.
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08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | DATE/TIME TAKEN | ANALYSIS DATA | | | | | | | | | |
|------------------------------|--------------------------|------------------|---------------|------------|-------|---------------|-------------------|------------------|-----------------|------------------|--------|-----------|
| | | | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method | Reference |
| 698541 | SBI002:GB-33:S000010:412 | 08/07/2001 12:45 | | | | | | | | | | |
| 2,4-Dinitrotoluene | <355 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <355 | jcs | SW | 8270C | | |
| 2,6-Dinitrotoluene | <355 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <355 | jcs | SW | 8270C | | |
| Di-n-octylphthalate | <355 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <355 | jcs | SW | 8270C | | |
| Fluoranthene | 440 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <355 | jcs | SW | 8270C | | |
| Fluorene | <355 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <355 | jcs | SW | 8270C | | |
| Hexachlorobenzene | <355 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <355 | jcs | SW | 8270C | | |
| Hexachloro-1,3-butadiene | <355 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <355 | jcs | SW | 8270C | | |
| Hexachlorocyclopentadiene | <710 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <710 | jcs | SW | 8270C | | |
| Hexachloroethane | <355 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <355 | jcs | SW | 8270C | | |
| Indeno(1,2,3-cd)pyrene | <355 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <355 | jcs | SW | 8270C | | |
| Isophorone | <355 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <355 | jcs | SW | 8270C | | |
| Naphthalene | <355 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <355 | jcs | SW | 8270C | | |
| Nitrobenzene | <355 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <355 | jcs | SW | 8270C | | |
| N-Nitrosodi-n-propylamine | <355 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <355 | jcs | SW | 8270C | | |
| Phenanthrene | 456 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <355 | jcs | SW | 8270C | | |
| Pyrene | <355 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <355 | jcs | SW | 8270C | | |
| 1,2,4-Trichlorobenzene | <355 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <355 | jcs | SW | 8270C | | |
| Surrogate: d5-Nitrobenzene | 81 | note | % | 08/19/2001 | 946 | 1464 | | jcs | SW | 8270C | | |
| Surrogate: 2-Fluorobiphenyl | 84 | | % | 08/19/2001 | 946 | 1464 | | jcs | SW | 8270C | | |
| Surrogate: d14-Terphenyl | 163 | | % | 08/19/2001 | 946 | 1464 | | jcs | SW | 8270C | | |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | | | |
| Benzoic Acid | <1,780 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <1,780 | jcs | SW | 8270C | | |
| 4-Chloro-3-methylphenol | <355 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <355 | jcs | SW | 8270C | | |
| 2-Chlorophenol | <355 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <355 | jcs | SW | 8270C | | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|----------------------------|--------------------------|----------|------|-------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 698541 | SBI002:GB-33:S000010:412 | | | | | | | | | DATE/TIME TAKEN 08/07/2001 12:45 |
| 2,4-Dichlorophenol | <355 | ug/kg dw | | | 08/19/2001 | 946 | 1464 | <355 | jcs | SW 8270C |
| 2,4-Dimethylphenol | <355 | ug/kg dw | | | 08/19/2001 | 946 | 1464 | <355 | jcs | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | <355 | ug/kg dw | | | 08/19/2001 | 946 | 1464 | <355 | jcs | SW 8270C |
| 2-Methylphenol | <355 | ug/kg dw | | | 08/19/2001 | 946 | 1464 | <355 | jcs | SW 8270C |
| meta & para-Methylphenol | <355 | ug/kg dw | | | 08/19/2001 | 946 | 1464 | <355 | jcs | SW 8270C |
| 2-Nitrophenol | <355 | ug/kg dw | | | 08/19/2001 | 946 | 1464 | <355 | jcs | SW 8270C |
| Pentachlorophenol | <355 | ug/kg dw | | | 08/19/2001 | 946 | 1464 | <355 | jcs | SW 8270C |
| Phenol | <355 | ug/kg dw | | | 08/19/2001 | 946 | 1464 | <355 | jcs | SW 8270C |
| 2,4,5-Trichlorophenol | <355 | ug/kg dw | | | 08/19/2001 | 946 | 1464 | <355 | jcs | SW 8270C |
| 2,4,6-Trichlorophenol | <355 | ug/kg dw | | | 08/19/2001 | 946 | 1464 | <355 | jcs | SW 8270C |
| Surrogate: d6-Phenol | 71 | % | | | 08/19/2001 | 946 | 1464 | | jcs | SW 8270C |
| Surrogate: 2-Fluorophenol | 63 | % | | | 08/19/2001 | 946 | 1464 | | jcs | SW 8270C |
| Surrogate: Tribromophenol | 67 | % | | | 08/19/2001 | 946 | 1464 | | jcs | SW 8270C |
| 698542 | SBI002:GB-34:S000015:412 | | | | | | | | | DATE/TIME TAKEN 08/07/2001 13:20 |
| Dry Weight | 88.7 | % | | | 08/16/2001 | | 1478 | | mhg | SM 2540 G. |
| ICP NONAQUEOUS | Complete | | | | 08/16/2001 | | 1229 | Complete | emd | SW 6010B |
| Arsenic, ICP | 34 | mg/kg dw | | | 08/16/2001 | 901 | 2956 | <3.6 | emd | SW 6010B |
| Barium, ICP | 89 | mg/kg dw | | | 08/16/2001 | 901 | 2887 | <0.71 | emd | SW 6010B |
| Cadmium, ICP | <1.1 | mg/kg dw | | | 08/16/2001 | 901 | 2869 | <1.1 | emd | SW 6010B |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|-------------------------------|--------------------------|----------|------|----------|---------------|--------------|--------------|-----------------|----------|----------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| | | | | | | | | | | DATE/TIME TAKEN |
| 698542 | SBI002:GB-34:S000015:412 | | | | | | | | | 08/07/2001 13:20 |
| Chromium, ICP | | 9.4 | | mg/kg dw | 08/16/2001 | 901 | 2857 | <1.5 | emd | SW 6010B |
| Lead, ICP | | 125 | | mg/kg dw | 08/16/2001 | 901 | 2858 | <2.8 | emd | SW 6010B |
| Mercury, CVAA | | 0.230 | | mg/kg dw | 08/15/2001 | 606 | 620 | <0.009 | epk | SW 7471A |
| Selenium, ICP | | <3.6 | | mg/kg dw | 08/16/2001 | 901 | 2936 | <3.6 | emd | SW 6010B |
| Silver, ICP | | <1.5 | | mg/kg dw | 08/16/2001 | 901 | 2889 | <1.5 | emd | SW 6010B |
| ICP Digestion, Nonaqueous | | Complete | | | 08/15/2001 | 901 | | Complete | mrt | SW 3050B |
| Mercury Digestion, Non-Aq | | Complete | | | 08/14/2001 | 606 | | Complete | epk | SW 7471A |
| Prep, BNA Non-Aq | | Complete | | | 08/13/2001 | 946 | | Complete | mem | EPA 625; SW 3540C; SW 3545 |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| Acenaphthene | | 2,620 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <372 | jcs | SW 8270C |
| Acenaphthylene | | 1,430 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <372 | jcs | SW 8270C |
| Anthracene | | 6,720 | | ug/kg dw | 08/21/2001 | 946 | 1466 | <3,720 | dmg | SW 8270C |
| Benzo(a)anthracene | | 29,200 | | ug/kg dw | 08/21/2001 | 946 | 1466 | <3,720 | dmg | SW 8270C |
| Benzo(b)fluoranthene | | 48,600 | | ug/kg dw | 08/24/2001 | 946 | 1468 | <37,200 | jcs | SW 8270C |
| Benzo(k)fluoranthene | | 16,600 | | ug/kg dw | 08/21/2001 | 946 | 1466 | <3,720 | dmg | SW 8270C |
| Benzo(a)pyrene | | 30,900 | | ug/kg dw | 08/21/2001 | 946 | 1466 | <1,860 | dmg | SW 8270C |
| Benzyl alcohol | | <372 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <372 | jcs | SW 8270C |
| Benzyl butyl phthalate | | <372 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <372 | jcs | SW 8270C |
| Bis(2-chloroethyl)ether | | <372 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <372 | jcs | SW 8270C |
| Bis(2-chloroethoxy)methane | | <372 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <372 | jcs | SW 8270C |
| Bis(2-ethylhexyl)phthalate | | <372 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <372 | jcs | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <372 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <372 | jcs | SW 8270C |
| 4-Bromophenyl phenyl ether | | <372 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <372 | jcs | SW 8270C |
| 4-Chloroaniline | | <372 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <372 | jcs | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
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6130 Wilcox Rd.
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08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|---------------------------|--------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| | | | | | | | | | | DATE/TIME TAKEN |
| 698542 | SBI002:GB-34:S000015:412 | | | | | | | | | 08/07/2001 13:20 |
| 2-Chloronaphthalene | | <372 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <372 | jcs | SW 8270C |
| Chrysene | | 36,900 | | ug/kg dw | 08/24/2001 | 946 | 1468 | <37,200 | jcs | SW 8270C |
| Dibenzo(a,h)anthracene | | 2,530 | | ug/kg dw | 08/21/2001 | 946 | 1466 | <1,860 | dmg | SW 8270C |
| Dibenzofuran | | 1,290 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <372 | jcs | SW 8270C |
| 1,2-Dichlorobenzene | | <372 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <372 | jcs | SW 8270C |
| 1,3-Dichlorobenzene | | <372 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <372 | jcs | SW 8270C |
| 1,4-Dichlorobenzene | | <372 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <372 | jcs | SW 8270C |
| 3,3'-Dichlorobenzidine | | <744 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <744 | jcs | SW 8270C |
| Diethyl phthalate | | <372 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <372 | jcs | SW 8270C |
| Dimethyl phthalate | | <372 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <372 | jcs | SW 8270C |
| 2,4-Dinitrotoluene | | <372 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <372 | jcs | SW 8270C |
| 2,6-Dinitrotoluene | | <372 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <372 | jcs | SW 8270C |
| Di-n-octylphthalate | | <372 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <372 | jcs | SW 8270C |
| Fluoranthene | | 435 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <372 | jcs | SW 8270C |
| Fluorene | | 2,130 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <372 | jcs | SW 8270C |
| Hexachlorobenzene | | <372 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <372 | jcs | SW 8270C |
| Hexachloro-1,3-butadiene | | <372 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <372 | jcs | SW 8270C |
| Hexachlorocyclopentadiene | | <744 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <744 | jcs | SW 8270C |
| Hexachloroethane | | <372 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <372 | jcs | SW 8270C |
| Indeno(1,2,3-cd)pyrene | | 8,260 | | ug/kg dw | 08/21/2001 | 946 | 1466 | <3,720 | dmg | SW 8270C |
| Isophorone | | <372 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <372 | jcs | SW 8270C |
| Naphthalene | | 879 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <372 | jcs | SW 8270C |
| Nitrobenzene | | <372 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <372 | jcs | SW 8270C |
| N-Nitrosodi-n-propylamine | | <372 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <372 | jcs | SW 8270C |
| Phenanthrene | | 55,600 | | ug/kg dw | 08/24/2001 | 946 | 1468 | <37,200 | jcs | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------------------------|-----------------------------|--------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | 08/07/2001 13:20 |
| | Pyrene | 74,900 | | ug/kg dw | 08/24/2001 | 946 | 1468 | <37,200 | jcs | SW 8270C | |
| | 1,2,4-Trichlorobenzene | <372 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <372 | jcs | SW 8270C | |
| | Surrogate: d5-Nitrobenzene | 68 | note | % | 08/20/2001 | 946 | 1464 | | jcs | SW 8270C | |
| | Surrogate: 2-Fluorobiphenyl | 78 | | % | 08/20/2001 | 946 | 1464 | | jcs | SW 8270C | |
| | Surrogate: d14-Terphenyl | 298 | | % | 08/20/2001 | 946 | 1464 | | jcs | SW 8270C | |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | | |
| | Benzoic Acid | <1,860 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <1,860 | jcs | SW 8270C | |
| | 4-Chloro-3-methylphenol | <372 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <372 | jcs | SW 8270C | |
| | 2-Chlorophenol | <372 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <372 | jcs | SW 8270C | |
| | 2,4-Dichlorophenol | <372 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <372 | jcs | SW 8270C | |
| | 2,4-Dimethylphenol | <372 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <372 | jcs | SW 8270C | |
| | 2-Methyl-4,6-dinitrophenol | <372 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <372 | jcs | SW 8270C | |
| | 2-Methylphenol | <372 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <372 | jcs | SW 8270C | |
| | meta & para-Methylphenol | <372 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <372 | jcs | SW 8270C | |
| | 2-Nitrophenol | <372 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <372 | jcs | SW 8270C | |
| | Pentachlorophenol | <372 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <372 | jcs | SW 8270C | |
| | Phenol | <372 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <372 | jcs | SW 8270C | |
| | 2,4,5-Trichlorophenol | <372 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <372 | jcs | SW 8270C | |
| | 2,4,6-Trichlorophenol | <372 | | ug/kg dw | 08/20/2001 | 946 | 1464 | <372 | jcs | SW 8270C | |
| | Surrogate: d6-Phenol | 62 | note | % | 08/20/2001 | 946 | 1464 | | jcs | SW 8270C | |
| | Surrogate: 2-Fluorophenol | 78 | | % | 08/20/2001 | 946 | 1464 | | jcs | SW 8270C | |
| | Surrogate: Tribromophenol | 298 | | % | 08/20/2001 | 946 | 1464 | | jcs | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|-------------------------------|----------|------|----------|---------------|-------------------|------------------|-----------------|------------------|----------------------------|------------------|
| | | | | | | | | | | | 08/07/2001 14:50 |
| | Dry Weight | 87.6 | | g | 08/16/2001 | | 1478 | | mhg | SM 2540 G. | |
| | ICP NONAQUEOUS | Complete | | | 08/16/2001 | | 1229 | Complete | emd | SW 6010B | |
| | Arsenic, ICP | 17.1 | | mg/kg dw | 08/16/2001 | 901 | 2956 | <3.7 | emd | SW 6010B | |
| | Barium, ICP | 170 | | mg/kg dw | 08/16/2001 | 901 | 2887 | <0.72 | emd | SW 6010B | |
| | Cadmium, ICP | <1.1 | | mg/kg dw | 08/16/2001 | 901 | 2869 | <1.1 | emd | SW 6010B | |
| | Chromium, ICP | 13.0 | | mg/kg dw | 08/16/2001 | 901 | 2857 | <1.5 | emd | SW 6010B | |
| | Lead, ICP | 315 | | mg/kg dw | 08/16/2001 | 901 | 2858 | <2.9 | emd | SW 6010B | |
| | Mercury, CVAA | 0.635 | | mg/kg dw | 08/17/2001 | 610 | 625 | <0.037 | epk | SW 7471A | |
| | Selenium, ICP | <3.7 | | mg/kg dw | 08/16/2001 | 901 | 2936 | <3.7 | emd | SW 6010B | |
| | Silver, ICP | <1.5 | | mg/kg dw | 08/16/2001 | 901 | 2889 | <1.5 | emd | SW 6010B | |
| | ICP Digestion, Nonaqueous | Complete | | | 08/15/2001 | 901 | | Complete | mrt | SW 3050B | |
| | Mercury Digestion, Non-Aq | Complete | | | 08/16/2001 | 610 | | Complete | epk | SW 7471A | |
| | Prep, BNA Non-Aq | Complete | | | 08/13/2001 | 946 | | Complete | mem | EPA 625; SW 3540C; SW 3545 | |
| | BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| | Acenaphthene | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C | |
| | Acenaphthylene | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C | |
| | Anthracene | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C | |
| | Benzo(a)anthracene | 502 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C | |
| | Benzo(b)fluoranthene | 805 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C | |
| | Benzo(k)fluoranthene | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <188 | jcs | SW 8270C | |
| | Benzo(a)pyrene | 469 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C | |
| | Benzyl alcohol | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C | |
| | Benzyl butyl phthalate | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C | |
| | Bis(2-chloroethyl)ether | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|------------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 698543 | SBI002:GB-35:S000015:412 | | | | | | | | | DATE/TIME TAKEN 08/07/2001 14:50 |
| | Bis(2-chloroethoxy)methane | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C |
| | Bis(2-ethylhexyl)phthalate | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C |
| | 2,2'-oxybis(1-Chloropropane) | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C |
| | 4-Bromophenyl phenyl ether | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C |
| | 4-Chloroaniline | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C |
| | 2-Chloronaphthalene | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C |
| | Chrysene | 548 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C |
| | Dibenzo(a,h)anthracene | <188 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <188 | jcs | SW 8270C |
| | Dibenzofuran | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C |
| | 1,2-Dichlorobenzene | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C |
| | 1,3-Dichlorobenzene | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C |
| | 1,4-Dichlorobenzene | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C |
| | 3,3'-Dichlorobenzidine | <753 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <753 | jcs | SW 8270C |
| | Diethyl phthalate | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C |
| | Dimethyl phthalate | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C |
| | 2,4-Dinitrotoluene | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C |
| | 2,6-Dinitrotoluene | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C |
| | Di-n-octylphthalate | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C |
| | Fluoranthene | 874 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C |
| | Fluorene | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C |
| | Hexachlorobenzene | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C |
| | Hexachloro-1,3-butadiene | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C |
| | Hexachlorocyclopentadiene | <753 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <753 | jcs | SW 8270C |
| | Hexachloroethane | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C |
| | Indeno(1,2,3-cd)pyrene | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
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6130 Wilcox Rd.
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08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst | Method Reference |
|------------------------------|--------------------------|--------|------|----------|---------------|-------------------|------------------|-----------------|----------|------------------|
| | | | | | | | | | Initials | |
| | | | | | | | | | | DATE/TIME TAKEN |
| 698543 | SBI002:GB-35:S000015:412 | | | | | | | | | 08/07/2001 14:50 |
| Isophorone | | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C |
| Naphthalene | | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C |
| Nitrobenzene | | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C |
| N-Nitrosodi-n-propylamine | | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C |
| Phenanthrene | | 521 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C |
| Pyrene | | 1,010 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C |
| 1,2,4-Trichlorobenzene | | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C |
| Surrogate: d5-Nitrobenzene | | 75 | | % | 08/19/2001 | 946 | 1464 | | jcs | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 77 | | % | 08/19/2001 | 946 | 1464 | | jcs | SW 8270C |
| Surrogate: d14-Terphenyl | | 84 | | % | 08/19/2001 | 946 | 1464 | | jcs | SW 8270C |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | |
| Benzoic Acid | | <1,880 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <1,880 | jcs | SW 8270C |
| 4-Chloro-3-methylphenol | | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C |
| 2-Chlorophenol | | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C |
| 2,4-Dichlorophenol | | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C |
| 2,4-Dimethylphenol | | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C |
| 2-Methylphenol | | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C |
| meta & para-Methylphenol | | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C |
| 2-Nitrophenol | | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C |
| Pentachlorophenol | | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C |
| Phenol | | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C |
| 2,4,5-Trichlorophenol | | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C |
| 2,4,6-Trichlorophenol | | <377 | | ug/kg dw | 08/19/2001 | 946 | 1464 | <377 | jcs | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | DATE/TIME TAKEN |
|---------------------------|---------------------------|----------|------|----------|---------------|-------------------|------------------|-----------------|------------------|----------------------------|
| | | | | | | | | | | Method Reference |
| 698543 | SBI002:GB-35:S000015:412 | | | | | | | | | 08/07/2001 14:50 |
| Surrogate: d6-Phenol | | 76 | | % | 08/19/2001 | 946 | 1464 | | jcs | SW 8270C |
| Surrogate: 2-Fluorophenol | | 74 | | % | 08/19/2001 | 946 | 1464 | | jcs | SW 8270C |
| Surrogate: Tribromophenol | | 81 | | % | 08/19/2001 | 946 | 1464 | | jcs | SW 8270C |
| 698544 | SBI002:GB-35D:S000015:412 | | | | | | | | | 08/07/2001 14:50 |
| Dry Weight | | 88.2 | | % | 08/16/2001 | | 1478 | | mhg | SM 2540 G. |
| ICP NONAQUEOUS | | Complete | | | 08/16/2001 | | 1229 | Complete | emd | SW 6010B |
| Arsenic, ICP | | 13.3 | | mg/kg dw | 08/16/2001 | 901 | 2956 | <3.7 | emd | SW 6010B |
| Barium, ICP | | 136 | | mg/kg dw | 08/16/2001 | 901 | 2887 | <0.74 | emd | SW 6010B |
| Cadmium, ICP | | <1.1 | | mg/kg dw | 08/16/2001 | 901 | 2869 | <1.1 | emd | SW 6010B |
| Chromium, ICP | | 17.1 | | mg/kg dw | 08/16/2001 | 901 | 2857 | <1.5 | emd | SW 6010B |
| Lead, ICP | | 163 | | mg/kg dw | 08/16/2001 | 901 | 2858 | <2.9 | emd | SW 6010B |
| Mercury, CVAA | | 0.558 | | mg/kg dw | 08/17/2001 | 610 | 625 | <0.036 | epk | SW 7471A |
| Selenium, ICP | | <3.7 | | mg/kg dw | 08/16/2001 | 901 | 2936 | <3.7 | emd | SW 6010B |
| Silver, ICP | | <1.5 | | mg/kg dw | 08/16/2001 | 901 | 2889 | <1.5 | emd | SW 6010B |
| ICP Digestion, Nonaqueous | | Complete | | | 08/15/2001 | 901 | | Complete | mrt | SW 3050B |
| Mercury Digestion, Non-Aq | | Complete | | | 08/16/2001 | 610 | | Complete | epk | SW 7471A |
| Prep, BNA Non-Aq | | Complete | | | 08/13/2001 | 946 | | Complete | mem | EPA 625; SW 3540C; SW 3545 |

BASE NEUT. COMPS.-8270 Non-aq

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method | Reference |
|------------------------------|---------------------------|--------|------|----------|------------|-------|-------|-----------|----------|--------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | | |
| 698544 | SBI002:GB-35D:S000015:412 | | | | | | | | | | DATE/TIME TAKEN 08/07/2001 14:50 |
| Acenaphthene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW | 8270C |
| Acenaphthylene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW | 8270C |
| Anthracene | | 497 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW | 8270C |
| Benzo(a)anthracene | | 1,930 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW | 8270C |
| Benzo(b)fluoranthene | | 2,940 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW | 8270C |
| Benzo(k)fluoranthene | | 1,060 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW | 8270C |
| Benzo(a)pyrene | | 1,920 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <187 | dmg | SW | 8270C |
| Benzyl alcohol | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW | 8270C |
| Benzyl butyl phthalate | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW | 8270C |
| Bis(2-chloroethyl)ether | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW | 8270C |
| Bis(2-chloroethoxy)methane | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW | 8270C |
| Bis(2-ethylhexyl)phthalate | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW | 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW | 8270C |
| 4-Bromophenyl phenyl ether | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW | 8270C |
| 4-Chloroaniline | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW | 8270C |
| 2-Chloronaphthalene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW | 8270C |
| Chrysene | | 1,750 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW | 8270C |
| Dibenzo(a,h)anthracene | | <187 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <187 | dmg | SW | 8270C |
| Dibenzofuran | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW | 8270C |
| 1,2-Dichlorobenzene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW | 8270C |
| 1,3-Dichlorobenzene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW | 8270C |
| 1,4-Dichlorobenzene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW | 8270C |
| 3,3'-Dichlorobenzidine | | <748 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <748 | dmg | SW | 8270C |
| Diethyl phthalate | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW | 8270C |
| Dimethyl phthalate | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW | 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------------------------|---------------------------|--------|------|----------|------------|-------|-------|-----------|---------|------------------|
| | | | | | Analyzed | Batch | Batch | | | |
| | | | | | | | | | | DATE/TIME TAKEN |
| 698544 | SBI002:GB-35D:S000015:412 | | | | | | | | | 08/07/2001 14:50 |
| 2,4-Dinitrotoluene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C |
| 2,6-Dinitrotoluene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C |
| Di-n-octylphthalate | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C |
| Fluoranthene | | 3,170 | | ug/kg dw | 08/20/2001 | 946 | 1465 | <1,870 | dmg | SW 8270C |
| Fluorene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C |
| Hexachlorobenzene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C |
| Hexachloro-1,3-butadiene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C |
| Hexachlorocyclopentadiene | | <748 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <748 | dmg | SW 8270C |
| Hexachloroethane | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C |
| Indeno(1,2,3-cd)pyrene | | 393 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C |
| Isophorone | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C |
| Naphthalene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C |
| Nitrobenzene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C |
| N-Nitrosodi-n-propylamine | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C |
| Phenanthrene | | 2,050 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C |
| Pyrene | | <3,740 | | ug/kg dw | 08/20/2001 | 946 | 1465 | <1,870 | dmg | SW 8270C |
| 1,2,4-Trichlorobenzene | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C |
| Surrogate: d5-Nitrobenzene | | 85 | | % | 08/19/2001 | 946 | 1463 | | dmg | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 94 | | % | 08/19/2001 | 946 | 1463 | | dmg | SW 8270C |
| Surrogate: d14-Terphenyl | | 87 | Note | % | 08/19/2001 | 946 | 1463 | | dmg | SW 8270C |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | |
| Benzoic Acid | | <1,870 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <1,870 | dmg | SW 8270C |
| 4-Chloro-3-methylphenol | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C |
| 2-Chlorophenol | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|----------------------------|---------------------------|----------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 698544 | SBI002:GB-35D:S000015:412 | | | | | | | | | | 08/07/2001 14:50 |
| 2,4-Dichlorophenol | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C | |
| 2,4-Dimethylphenol | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C | |
| 2-Methyl-4,6-dinitrophenol | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C | |
| 2-Methylphenol | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C | |
| meta & para-Methylphenol | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C | |
| 2-Nitrophenol | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C | |
| Pentachlorophenol | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C | |
| Phenol | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C | |
| 2,4,5-Trichlorophenol | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C | |
| 2,4,6-Trichlorophenol | | <374 | | ug/kg dw | 08/19/2001 | 946 | 1463 | <374 | dmg | SW 8270C | |
| Surrogate: d6-Phenol | | 83 | | ‡ | 08/19/2001 | 946 | 1463 | | dmg | SW 8270C | |
| Surrogate: 2-Fluorophenol | | 77 | | ‡ | 08/19/2001 | 946 | 1463 | | dmg | SW 8270C | |
| Surrogate: Tribromophenol | | 84 | | ‡ | 08/19/2001 | 946 | 1463 | | dmg | SW 8270C | |
| 698545 | SBI002:HMW22D:S000020:505 | | | | | | | | | | 08/06/2001 09:25 |
| Dry Weight | | 91.6 | | ‡ | 08/16/2001 | | 1478 | | mhg | SM 2540 G. | |
| ICP NONAQUEOUS | | Complete | | | 08/16/2001 | | 1229 | Complete | emd | SW 6010B | |
| Arsenic, ICP | | 21.4 | | mg/kg dw | 08/16/2001 | 901 | 2956 | <3.6 | emd | SW 6010B | |
| Barium, ICP | | 115 | | mg/kg dw | 08/16/2001 | 901 | 2887 | <0.72 | emd | SW 6010B | |
| Cadmium, ICP | | <1.1 | | mg/kg dw | 08/16/2001 | 901 | 2869 | <1.1 | emd | SW 6010B | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|--------------------------------|---------------------------|----------|------|----------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 698545 | SBI002:HMW22D:S000020:505 | | | | | | | | | DATE/TIME TAKEN 08/06/2001 09:25 |
| Chromium, ICP | | 10 | | mg/kg dw | 08/16/2001 | 901 | 2857 | <1.4 | emd | SW 6010B |
| Lead, ICP | | 74.0 | | mg/kg dw | 08/16/2001 | 901 | 2858 | <2.8 | emd | SW 6010B |
| Mercury, CVAA | | 0.243 | MSDR | mg/kg dw | 08/17/2001 | 610 | 625 | <0.009 | epk | SW 7471A |
| Selenium, ICP | | <3.6 | | mg/kg dw | 08/16/2001 | 901 | 2936 | <3.6 | emd | SW 6010B |
| Silver, ICP | | <1.4 | | mg/kg dw | 08/16/2001 | 901 | 2889 | <1.4 | emd | SW 6010B |
| ICP Digestion, Nonaqueous | | Complete | | | 08/15/2001 | 901 | | Complete | mrt | SW 3050B |
| Mercury Digestion, Non-Aq | | Complete | | | 08/16/2001 | 610 | | Complete | epk | SW 7471A |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | | Complete | | | 08/10/2001 | | 1457 | Complete | bmh | |
| Acetone | | <109 | | ug/kg dw | 08/10/2001 | | 1457 | <109 | bmh | SW 8260A |
| Benzene | | <5.5 | msr | ug/kg dw | 08/10/2001 | | 1457 | <5.5 | bmh | SW 8260A |
| tert-Butylbenzene | | <5.5 | | ug/kg dw | 08/10/2001 | | 1457 | <5.5 | bmh | SW 8260A |
| sec-Butylbenzene | | <5.5 | | ug/kg dw | 08/10/2001 | | 1457 | <5.5 | bmh | SW 8260A |
| n-Butylbenzene | | <5.5 | | ug/kg dw | 08/10/2001 | | 1457 | <5.5 | bmh | SW 8260A |
| Bromochloromethane | | <5.5 | | ug/kg dw | 08/10/2001 | | 1457 | <5.5 | bmh | SW 8260A |
| Bromodichloromethane | | <5.5 | | ug/kg dw | 08/10/2001 | | 1457 | <5.5 | bmh | SW 8260A |
| Bromoform | | <5.5 | | ug/kg dw | 08/10/2001 | | 1457 | <5.5 | bmh | SW 8260A |
| Bromobenzene | | <5.5 | | ug/kg dw | 08/10/2001 | | 1457 | <5.5 | bmh | SW 8260A |
| 2-Butanone (MEK) | | <55 | | ug/kg dw | 08/10/2001 | | 1457 | <55 | bmh | SW 8260A |
| Carbon disulfide | | <5.5 | | ug/kg dw | 08/10/2001 | | 1457 | <5.5 | bmh | SW 8260A |
| Carbon tetrachloride | | <5.5 | | ug/kg dw | 08/10/2001 | | 1457 | <5.5 | bmh | SW 8260A |
| Chlorobenzene | | <5.5 | msr | ug/kg dw | 08/10/2001 | | 1457 | <5.5 | bmh | SW 8260A |
| Chloroethane | | <10.9 | | ug/kg dw | 08/10/2001 | | 1457 | <10.9 | bmh | SW 8260A |
| 2-Chlorotoluene | | <5.5 | | ug/kg dw | 08/10/2001 | | 1457 | <5.5 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|-----------------------------|---------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 698545 | SBI002:HMW22D:S000020:505 | | | | | | | | | DATE/TIME TAKEN 08/06/2001 09:25 |
| 4-Chlorotoluene | | <5.5 | | ug/kg dw | 08/10/2001 | 1457 | 1457 | <5.5 | bmh | SW 8260A |
| Chloroform | | <5.5 | | ug/kg dw | 08/10/2001 | 1457 | 1457 | <5.5 | bmh | SW 8260A |
| Chloromethane | | <10.9 | | ug/kg dw | 08/10/2001 | 1457 | 1457 | <10.9 | bmh | SW 8260A |
| Dibromochloromethane | | <5.5 | | ug/kg dw | 08/10/2001 | 1457 | 1457 | <5.5 | bmh | SW 8260A |
| Dibromomethane | | <5.5 | | ug/kg dw | 08/10/2001 | 1457 | 1457 | <5.5 | bmh | SW 8260A |
| Dichlorodifluoromethane | | <5.5 | | ug/kg dw | 08/10/2001 | 1457 | 1457 | <5.5 | bmh | SW 8260A |
| 1,2-Dibromo-3-chloropropane | | <5.5 | | ug/kg dw | 08/10/2001 | 1457 | 1457 | <5.5 | bmh | SW 8260A |
| 1,2-Dichlorobenzene | | <5.5 | | ug/kg dw | 08/10/2001 | 1457 | 1457 | <5.5 | bmh | SW 8260A |
| 1,3-Dichlorobenzene | | <5.5 | | ug/kg dw | 08/10/2001 | 1457 | 1457 | <5.5 | bmh | SW 8260A |
| 1,4-Dichlorobenzene | | <5.5 | | ug/kg dw | 08/10/2001 | 1457 | 1457 | <5.5 | bmh | SW 8260A |
| 1,1-Dichloroethane | | <5.5 | | ug/kg dw | 08/10/2001 | 1457 | 1457 | <5.5 | bmh | SW 8260A |
| 1,2-Dichloroethane | | <5.5 | | ug/kg dw | 08/10/2001 | 1457 | 1457 | <5.5 | bmh | SW 8260A |
| 1,1-Dichloroethene | | <5.5 | rpd | ug/kg dw | 08/10/2001 | 1457 | 1457 | <5.5 | bmh | SW 8260A |
| cis-1,2-Dichloroethene | | <5.5 | | ug/kg dw | 08/10/2001 | 1457 | 1457 | <5.5 | bmh | SW 8260A |
| trans-1,2-Dichloroethene | | <5.5 | | ug/kg dw | 08/10/2001 | 1457 | 1457 | <5.5 | bmh | SW 8260A |
| 1,2-Dichloropropane | | <5.5 | | ug/kg dw | 08/10/2001 | 1457 | 1457 | <5.5 | bmh | SW 8260A |
| 1,3-Dichloropropane | | <5.5 | | ug/kg dw | 08/10/2001 | 1457 | 1457 | <5.5 | bmh | SW 8260A |
| 2,2-Dichloropropane | | <5.5 | | ug/kg dw | 08/10/2001 | 1457 | 1457 | <5.5 | bmh | SW 8260A |
| 1,1-Dichloropropene | | <5.5 | | ug/kg dw | 08/10/2001 | 1457 | 1457 | <5.5 | bmh | SW 8260A |
| cis-1,3-Dichloropropene | | <5.5 | | ug/kg dw | 08/10/2001 | 1457 | 1457 | <5.5 | bmh | SW 8260A |
| trans-1,3-Dichloropropene | | <5.5 | | ug/kg dw | 08/10/2001 | 1457 | 1457 | <5.5 | bmh | SW 8260A |
| Ethylbenzene | | <5.5 | msr | ug/kg dw | 08/10/2001 | 1457 | 1457 | <5.5 | bmh | SW 8260A |
| Hexachlorobutadiene | | <5.5 | | ug/kg dw | 08/10/2001 | 1457 | 1457 | <5.5 | bmh | SW 8260A |
| n-Hexane | | <21.8 | | ug/kg dw | 08/10/2001 | 1457 | 1457 | <21.8 | bmh | SW 8260A |
| 2-Hexanone | | <54.6 | | ug/kg dw | 08/10/2001 | 1457 | 1457 | <54.6 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------------------------|---------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 698545 | SBI002:HMW22D:S000020:505 | | | | | | | | | |
| | | | | | | | | | | DATE/TIME TAKEN |
| | | | | | | | | | | 08/06/2001 09:25 |
| Isopropylbenzene (Cumene) | <5.5 | | | ug/kg dw | 08/10/2001 | | 1457 | <5.5 | bmh | SW 8260A |
| p-Isopropyltoluene | <5.5 | | | ug/kg dw | 08/10/2001 | | 1457 | <5.5 | bmh | SW 8260A |
| Bromomethane | <10.9 | | | ug/kg dw | 08/10/2001 | | 1457 | <10.9 | bmh | SW 8260A |
| Methylene Chloride | <10.9 | | | ug/kg dw | 08/10/2001 | | 1457 | <10.9 | bmh | SW 8260A |
| Methyl t-butyl ether (MTBE) | <5.5 | | | ug/kg dw | 08/10/2001 | | 1457 | <5.5 | bmh | SW 8260A |
| 4-Methyl-2-pentanone (MIBK) | <54.6 | | | ug/kg dw | 08/10/2001 | | 1457 | <54.6 | bmh | SW 8260A |
| n-Propylbenzene | <5.5 | | | ug/kg dw | 08/10/2001 | | 1457 | <5.5 | bmh | SW 8260A |
| Styrene | <5.5 | | | ug/kg dw | 08/10/2001 | | 1457 | <5.5 | bmh | SW 8260A |
| Naphthalene | <5.5 | | | ug/kg dw | 08/10/2001 | | 1457 | <5.5 | bmh | SW 8260A |
| 1,1,1,2-Tetrachloroethane | <5.5 | | | ug/kg dw | 08/10/2001 | | 1457 | <5.5 | bmh | SW 8260A |
| 1,1,2,2-Tetrachloroethane | <5.5 | | | ug/kg dw | 08/10/2001 | | 1457 | <5.5 | bmh | SW 8260A |
| Tetrachloroethene | <5.5 | | | ug/kg dw | 08/10/2001 | | 1457 | <5.5 | bmh | SW 8260A |
| Toluene | <5.5 | msr | | ug/kg dw | 08/10/2001 | | 1457 | <5.5 | bmh | SW 8260A |
| 1,2,4-Trichlorobenzene | <5.5 | | | ug/kg dw | 08/10/2001 | | 1457 | <5.5 | bmh | SW 8260A |
| 1,1,1-Trichloroethane | <5.5 | | | ug/kg dw | 08/10/2001 | | 1457 | <5.5 | bmh | SW 8260A |
| 1,1,2-Trichloroethane | <5.5 | | | ug/kg dw | 08/10/2001 | | 1457 | <5.5 | bmh | SW 8260A |
| Trichloroethene | <5.5 | msr | | ug/kg dw | 08/10/2001 | | 1457 | <5.5 | bmh | SW 8260A |
| Trichlorofluoromethane | <5.5 | | | ug/kg dw | 08/10/2001 | | 1457 | <5.5 | bmh | SW 8260A |
| 1,2,3-Trichloropropane | <5.5 | | | ug/kg dw | 08/10/2001 | | 1457 | <5.5 | bmh | SW 8260A |
| 1,2,4-Trimethylbenzene | <5.5 | | | ug/kg dw | 08/10/2001 | | 1457 | <5.5 | bmh | SW 8260A |
| 1,3,5-Trimethylbenzene | <5.5 | | | ug/kg dw | 08/10/2001 | | 1457 | <5.5 | bmh | SW 8260A |
| Vinyl Acetate | <5.5 | | | ug/kg dw | 08/10/2001 | | 1457 | <5.5 | bmh | SW 8260A |
| Vinyl Chloride | <2.2 | | | ug/kg dw | 08/10/2001 | | 1457 | <2.2 | bmh | SW 8260A |
| Xylenes, Total | <5.5 | rpd | | ug/kg dw | 08/10/2001 | | 1457 | <5.5 | bmh | SW 8260A |
| d4-1,2-Dichloroethane (surr) | 108 | | | % | 08/10/2001 | | 1457 | | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|---------------------------|--------|------|------------|---------------|--------------|--------------|-----------------|-----------------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 698545 | SBI002:HMW22D:S000020:505 | | | | | | | | | DATE/TIME TAKEN 08/06/2001 09:25 |
| Dibromofluoromethane (surr) | 103 | † | | 08/10/2001 | 1457 | | | bmh | SW 8260A | |
| d8-Toluene (surr) | 93 | † | | 08/10/2001 | 1457 | | | bmh | SW 8260A | |
| Bromofluorobenzene (surr) | 94 | † | | 08/10/2001 | 1457 | | | bmh | SW 8260A | |
| 698547 | SBI002:FB1:W080701:505 | | | | | | | | | DATE/TIME TAKEN 08/07/2001 17:00 |
| ICPMS TOTAL METALS | Complete | | | 08/17/2001 | 2458 | Complete | | kmb | SW 6020 | |
| Arsenic, ICPMS | <0.0050 | mg/L | | 08/17/2001 | 1802 3562 | <0.0050 | | kmb | SW 6020 | |
| Barium, ICPMS | <0.0050 | mg/L | | 08/17/2001 | 1802 3771 | <0.0050 | | kmb | SW 6020 | |
| Cadmium, ICPMS | <0.0010 | mg/L | | 08/17/2001 | 1802 3441 | <0.0010 | | kmb | SW 6020 | |
| Chromium, ICPMS (0.005) | <0.0050 | mg/L | | 08/17/2001 | 1802 3824 | <0.0050 | | kmb | SW 6020 | |
| Lead, ICPMS | <0.0010 | mg/L | | 08/17/2001 | 1802 3519 | <0.0010 | | kmb | SW 6020 | |
| Mercury, CVAA | <0.0002 | mg/L | | 08/14/2001 | 1364 1306 | <0.0002 | | epk | SW 7470A | |
| Selenium, GFAA | <0.0050 | mg/L | | 08/22/2001 | 729 558 | <0.0050 | | lnh | SW 7740 | |
| Silver, ICPMS | <0.0005 | mg/L | | 08/17/2001 | 1802 3776 | <0.0005 | | kmb | SW 6020 | |
| Metals Digestion, ICPMS | Complete | | | 08/15/2001 | 1802 | Complete | | clm | SW 3010A | |
| Metals Digestion, GFAA | Complete | | | 08/10/2001 | 729 | Complete | | clm | SW 3020A | |
| Manual Mercury Digestion | Complete | | | 08/11/2001 | 1364 | Complete | | epk | SW 7470A | |
| Prep, Base Neutral | Complete | | | 08/13/2001 | 1255 | Complete | | rec | EPA 625 ; SW 3510C ; SW 352 | |
| Prep, Acid Extractable | Complete | | | 08/13/2001 | 1255 | Complete | | rec | EPA 625 ; SW 3510C ; SW 352 | |
| Prep, TPH - 418.1 aq | Complete | | | 08/14/2001 | 595 | Complete | | 110 | EPA 418.1 | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|------------------------|----------|------|-------|---------------|--------------|-----------|---------|-------------------------------------|
| | | | | | Date Analyzed | Batch Number | | | |
| 698547 | SBI002:FB1:W080701:505 | | | | 08/09/2001 | 115 | Complete | rec | DATE/TIME TAKEN 08/07/2001 17:00 |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | |
| 8260 - SW846 (AQ) | | Complete | | | 08/10/2001 | 3472 | Complete | bmh | |
| Acetone | | <20.0 | | ug/L | 08/10/2001 | 3472 | <20.0 | bmh | SW 8260A |
| Benzene | | <1.0 | | ug/L | 08/10/2001 | 3472 | <1.0 | bmh | SW 8260A |
| tert-Butylbenzene | | <1.0 | | ug/L | 08/10/2001 | 3472 | <1.0 | bmh | SW 8260A |
| sec-Butylbenzene | | <1.0 | | ug/L | 08/10/2001 | 3472 | <1.0 | bmh | SW 8260A |
| n-Butylbenzene | | <1.0 | | ug/L | 08/10/2001 | 3472 | <1.0 | bmh | SW 8260A |
| Bromochloromethane | | <1.0 | | ug/L | 08/10/2001 | 3472 | <1.0 | bmh | SW 8260A |
| Bromodichloromethane | | <1.0 | | ug/L | 08/10/2001 | 3472 | <1.0 | bmh | SW 8260A |
| Bromoform | | <1.0 | | ug/L | 08/10/2001 | 3472 | <1.0 | bmh | SW 8260A |
| Bromobenzene | | <1.0 | | ug/L | 08/10/2001 | 3472 | <1.0 | bmh | SW 8260A |
| 2-Butanone (MEK) | | <12.5 | | ug/L | 08/10/2001 | 3472 | <12.5 | bmh | SW 8260A |
| Carbon disulfide | | <1.0 | | ug/L | 08/10/2001 | 3472 | <1.0 | bmh | SW 8260A |
| Carbon tetrachloride | | <1.0 | | ug/L | 08/10/2001 | 3472 | <1.0 | bmh | SW 8260A |
| Chlorobenzene | | <1.0 | | ug/L | 08/10/2001 | 3472 | <1.0 | bmh | SW 8260A |
| Chloroethane | | <5.0 | | ug/L | 08/10/2001 | 3472 | <5.0 | bmh | SW 8260A |
| 2-Chlorotoluene | | <1.0 | | ug/L | 08/10/2001 | 3472 | <1.0 | bmh | SW 8260A |
| 4-Chlorotoluene | | <1.0 | | ug/L | 08/10/2001 | 3472 | <1.0 | bmh | SW 8260A |
| Chloroform | | <1.0 | | ug/L | 08/10/2001 | 3472 | <1.0 | bmh | SW 8260A |
| Chloromethane | | <5.0 | | ug/L | 08/10/2001 | 3472 | <5.0 | bmh | SW 8260A |
| Dibromochloromethane | | <1.0 | | ug/L | 08/10/2001 | 3472 | <1.0 | bmh | SW 8260A |
| Dibromomethane | | <1.0 | | ug/L | 08/10/2001 | 3472 | <1.0 | bmh | SW 8260A |
| Dichlorodifluoromethane | | <1.0 | | ug/L | 08/10/2001 | 3472 | <1.0 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|------------------------|--------|------------|-------|----------|-------|----------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 698547 | SBI002:FB1:W080701:505 | | | | | | | | | DATE/TIME TAKEN 08/07/2001 17:00 |
| 1,2-Dibromo-3-chloropropane | <5.0 | ug/L | 08/10/2001 | 3472 | <5.0 | bmh | SW 8260A | | | |
| 1,2-Dichlorobenzene | <1.0 | ug/L | 08/10/2001 | 3472 | <1.0 | bmh | SW 8260A | | | |
| 1,3-Dichlorobenzene | <1.0 | ug/L | 08/10/2001 | 3472 | <1.0 | bmh | SW 8260A | | | |
| 1,4-Dichlorobenzene | <1.0 | ug/L | 08/10/2001 | 3472 | <1.0 | bmh | SW 8260A | | | |
| 1,1-Dichloroethane | <1.0 | ug/L | 08/10/2001 | 3472 | <1.0 | bmh | SW 8260A | | | |
| 1,2-Dichloroethane | <1.0 | ug/L | 08/10/2001 | 3472 | <1.0 | bmh | SW 8260A | | | |
| 1,1-Dichloroethene | <1.0 | ug/L | 08/10/2001 | 3472 | <1.0 | bmh | SW 8260A | | | |
| cis-1,2-Dichloroethene | <1.0 | ug/L | 08/10/2001 | 3472 | <1.0 | bmh | SW 8260A | | | |
| trans-1,2-Dichloroethene | <1.0 | ug/L | 08/10/2001 | 3472 | <1.0 | bmh | SW 8260A | | | |
| 1,2-Dichloropropane | <1.0 | ug/L | 08/10/2001 | 3472 | <1.0 | bmh | SW 8260A | | | |
| 1,3-Dichloropropane | <1.0 | ug/L | 08/10/2001 | 3472 | <1.0 | bmh | SW 8260A | | | |
| 2,2-Dichloropropane | <1.0 | ug/L | 08/10/2001 | 3472 | <1.0 | bmh | SW 8260A | | | |
| 1,1-Dichloropropene | <1.0 | ug/L | 08/10/2001 | 3472 | <1.0 | bmh | SW 8260A | | | |
| cis-1,3-Dichloropropene | <1.0 | ug/L | 08/10/2001 | 3472 | <1.0 | bmh | SW 8260A | | | |
| trans-1,3-Dichloropropene | <1.0 | ug/L | 08/10/2001 | 3472 | <1.0 | bmh | SW 8260A | | | |
| Ethylbenzene | <1.0 | ug/L | 08/10/2001 | 3472 | <1.0 | bmh | SW 8260A | | | |
| Hexachlorobutadiene | <5.0 | ug/L | 08/10/2001 | 3472 | <5.0 | bmh | SW 8260A | | | |
| n-Hexane | <5.0 | ug/L | 08/10/2001 | 3472 | <5.0 | bmh | SW 8260A | | | |
| 2-Hexanone | <12.5 | ug/L | 08/10/2001 | 3472 | <12.5 | bmh | SW 8260A | | | |
| Isopropylbenzene (Cumene) | <1.0 | ug/L | 08/10/2001 | 3472 | <1.0 | bmh | SW 8260A | | | |
| p-Isopropyltoluene | <1.0 | ug/L | 08/10/2001 | 3472 | <1.0 | bmh | SW 8260A | | | |
| Bromomethane | <5.0 | ug/L | 08/10/2001 | 3472 | <5.0 | bmh | SW 8260A | | | |
| Methylene Chloride | <5.0 | ug/L | 08/10/2001 | 3472 | <5.0 | bmh | SW 8260A | | | |
| Methyl t-butyl ether (MTBE) | <5.0 | ug/L | 08/10/2001 | 3472 | <5.0 | bmh | SW 8260A | | | |
| 4-Methyl-2-pentanone (MIBK) | <12.5 | ug/L | 08/10/2001 | 3472 | <12.5 | bmh | SW 8260A | | | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------------------------|------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 698547 | SBI002:FB1:W080701:505 | | | | | | | | | DATE/TIME TAKEN 08/07/2001 17:00 |
| n-Propylbenzene | | <1.0 | | ug/L | 08/10/2001 | 3472 | 3472 | <1.0 | bmh | SW 8260A |
| Styrene | | <1.0 | | ug/L | 08/10/2001 | 3472 | 3472 | <1.0 | bmh | SW 8260A |
| Naphthalene | | <5.0 | | ug/L | 08/10/2001 | 3472 | 3472 | <5.0 | bmh | SW 8260A |
| 1,1,1,2-Tetrachloroethane | | <1.0 | | ug/L | 08/10/2001 | 3472 | 3472 | <1.0 | bmh | SW 8260A |
| 1,1,2,2-Tetrachloroethane | | <1.0 | | ug/L | 08/10/2001 | 3472 | 3472 | <1.0 | bmh | SW 8260A |
| Tetrachloroethene | | <1.0 | | ug/L | 08/10/2001 | 3472 | 3472 | <1.0 | bmh | SW 8260A |
| Toluene | | <1.0 | | ug/L | 08/10/2001 | 3472 | 3472 | <1.0 | bmh | SW 8260A |
| 1,2,4-Trichlorobenzene | | <5.0 | | ug/L | 08/10/2001 | 3472 | 3472 | <5.0 | bmh | SW 8260A |
| 1,1,1-Trichloroethane | | <1.0 | | ug/L | 08/10/2001 | 3472 | 3472 | <1.0 | bmh | SW 8260A |
| 1,1,2-Trichloroethane | | <1.0 | | ug/L | 08/10/2001 | 3472 | 3472 | <1.0 | bmh | SW 8260A |
| Trichloroethene | | <1.0 | | ug/L | 08/10/2001 | 3472 | 3472 | <1.0 | bmh | SW 8260A |
| Trichlorofluoromethane | | <1.0 | | ug/L | 08/10/2001 | 3472 | 3472 | <1.0 | bmh | SW 8260A |
| 1,2,3-Trichloropropane | | <5.0 | | ug/L | 08/10/2001 | 3472 | 3472 | <5.0 | bmh | SW 8260A |
| 1,2,4-Trimethylbenzene | | <1.0 | | ug/L | 08/10/2001 | 3472 | 3472 | <1.0 | bmh | SW 8260A |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 08/10/2001 | 3472 | 3472 | <1.0 | bmh | SW 8260A |
| Vinyl Acetate | | <5.0 | | ug/L | 08/10/2001 | 3472 | 3472 | <5.0 | bmh | SW 8260A |
| Vinyl Chloride | | <1.0 | | ug/L | 08/10/2001 | 3472 | 3472 | <1.0 | bmh | SW 8260A |
| Xylenes | | <1.0 | | ug/L | 08/10/2001 | 3472 | 3472 | <1.0 | bmh | SW 8260A |
| d4-1,2-Dichloroethane (surr) | | 97 | | % | 08/10/2001 | 3472 | 3472 | | bmh | SW 8260A |
| Dibromofluoromethane (surr) | | 99 | | % | 08/10/2001 | 3472 | 3472 | | bmh | SW 8260A |
| d8-Toluene (surr) | | 100 | | % | 08/10/2001 | 3472 | 3472 | | bmh | SW 8260A |
| Bromofluorobenzene (surr) | | 102 | note | % | 08/10/2001 | 3472 | 3472 | | bmh | SW 8260A |
| BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | | |
| Acenaphthene | | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|------------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 698547 | SBI002:FB1:W080701:505 | | | | | | | | | DATE/TIME TAKEN 08/07/2001 17:00 |
| | Acenaphthylene | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | Anthracene | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | Benzo(a)anthracene | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | Benzo(b)fluoranthene | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | Benzo(k)fluoranthene | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | Benzo(a)pyrene | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | Benzyl alcohol | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | Benzyl butyl phthalate | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | bis(2-Chloroethyl) ether | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | bis(2-Chloroethoxy)methane | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | bis(2-Ethylhexyl)phthalate | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | 2,2'-oxybis(1-Chloropropane) | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | 4-Bromophenyl phenyl ether | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | 4-Chloroaniline | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | 2-Chloronaphthalene | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | Chrysene | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | Dibenzo(a,h)anthracene | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | Dibenzofuran | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | 1,2-Dichlorobenzene | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | 1,3-Dichlorobenzene | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | 1,4-Dichlorobenzene | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | 3,3'-Dichlorobenzidine | <50 | | ug/L | 08/20/2001 | 1255 | 2658 | <50 | dmg | SW 8270C |
| | Diethyl phthalate | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | Dimethyl phthalate | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | 2,4-Dinitrotoluene | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 698547 | SBI002:FB1:W080701:505 | | | | | | | | | | 08/07/2001 17:00 |
| | 2,4-Dimethylphenol | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C | |
| | 2-Methyl-4,6-dinitrophenol | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C | |
| | 2-Methylphenol | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C | |
| | meta & para-Methylphenol | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C | |
| | 2-Nitrophenol | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C | |
| | Pentachlorophenol | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C | |
| | Phenol | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C | |
| | 2,4,5-Trichlorophenol | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C | |
| | 2,4,6-Trichlorophenol | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C | |
| | Surrogate: d6-Phenol | 71 | | † | 08/20/2001 | 1255 | 2658 | | dmg | SW 8270C | |
| | Surrogate: 2-Fluorophenol | 70 | | † | 08/20/2001 | 1255 | 2658 | | dmg | SW 8270C | |
| | Surrogate: Tribromophenol | 78 | | † | 08/20/2001 | 1255 | 2658 | | dmg | SW 8270C | |
| | TPH - DRO AQUEOUS | <1 | | mg/L | 08/13/2001 | 115 | 200 | <1 | meb | SW 8015M | |
| | TPH - GRO (Aqueous) | <1 | | mg/L | 08/14/2001 | | 79 | <1 | meb | SW 8015M | |
| | TPH - Method 418.1 (AQ) | <0.20 | | mg/L | 08/15/2001 | 595 | 714 | <0.20 | 110 | EPA 418.1 | |

ANALYTICAL REPORT

Kevin Wildman
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 6130 Wilcox Rd.
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08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|------------------------|----------|------|-------|------------|-------|-------|-----------|---------|-------------------------------|
| | | | | | Analyzed | Batch | Batch | | Limit | |
| 698574 | SBI002:TB1:W080701:505 | | | | | | | | | DATE/TIME TAKEN 08/08/2001 |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | | Complete | | | 08/10/2001 | | 3472 | Complete | bmh | |
| Acetone | | <20.0 | | ug/L | 08/10/2001 | | 3472 | <20.0 | bmh | SW 8260A |
| Benzene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| tert-Butylbenzene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| sec-Butylbenzene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| n-Butylbenzene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| Bromochloromethane | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| Bromodichloromethane | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| Bromoform | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| Bromobenzene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| 2-Butanone (MEK) | | <12.5 | | ug/L | 08/10/2001 | | 3472 | <12.5 | bmh | SW 8260A |
| Carbon disulfide | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| Carbon tetrachloride | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| Chlorobenzene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| Chloroethane | | <5.0 | | ug/L | 08/10/2001 | | 3472 | <5.0 | bmh | SW 8260A |
| 2-Chlorotoluene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| 4-Chlorotoluene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| Chloroform | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| Chloromethane | | <5.0 | | ug/L | 08/10/2001 | | 3472 | <5.0 | bmh | SW 8260A |
| Dibromochloromethane | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| Dibromomethane | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| Dichlorodifluoromethane | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| 1,2-Dibromo-3-chloropropane | | <5.0 | | ug/L | 08/10/2001 | | 3472 | <5.0 | bmh | SW 8260A |
| 1,2-Dichlorobenzene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 698574 | SBI002:TB1:W080701:505 | | | | | | | | | DATE/TIME TAKEN 08/08/2001 |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| | Ethylbenzene | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| | Hexachlorobutadiene | <5.0 | | ug/L | 08/10/2001 | | 3472 | <5.0 | bmh | SW 8260A |
| | n-Hexane | <5.0 | | ug/L | 08/10/2001 | | 3472 | <5.0 | bmh | SW 8260A |
| | 2-Hexanone | <12.5 | | ug/L | 08/10/2001 | | 3472 | <12.5 | bmh | SW 8260A |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| | p-Isopropyltoluene | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| | Bromomethane | <5.0 | | ug/L | 08/10/2001 | | 3472 | <5.0 | bmh | SW 8260A |
| | Methylene Chloride | <5.0 | | ug/L | 08/10/2001 | | 3472 | <5.0 | bmh | SW 8260A |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 08/10/2001 | | 3472 | <5.0 | bmh | SW 8260A |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 08/10/2001 | | 3472 | <12.5 | bmh | SW 8260A |
| | n-Propylbenzene | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |
| | Styrene | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14219

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|------------------------------|------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|------------------|-----------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 698574 | SBI002:TB1:W080701:505 | | | | | | | | | | 08/08/2001 |
| Naphthalene | | <5.0 | | ug/L | 08/10/2001 | | 3472 | <5.0 | bmh | SW 8260A | |
| 1,1,1,2-Tetrachloroethane | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| 1,1,2,2-Tetrachloroethane | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| Tetrachloroethene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| Toluene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| 1,2,4-Trichlorobenzene | | <5.0 | | ug/L | 08/10/2001 | | 3472 | <5.0 | bmh | SW 8260A | |
| 1,1,1-Trichloroethane | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| 1,1,2-Trichloroethane | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| Trichloroethene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| Trichlorofluoromethane | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| 1,2,3-Trichloropropane | | <5.0 | | ug/L | 08/10/2001 | | 3472 | <5.0 | bmh | SW 8260A | |
| 1,2,4-Trimethylbenzene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| Vinyl Acetate | | <5.0 | | ug/L | 08/10/2001 | | 3472 | <5.0 | bmh | SW 8260A | |
| Vinyl Chloride | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| Xylenes | | <1.0 | | ug/L | 08/10/2001 | | 3472 | <1.0 | bmh | SW 8260A | |
| d4-1,2-Dichloroethane (surr) | | 98 | | % | 08/10/2001 | | 3472 | | bmh | SW 8260A | |
| Dibromofluoromethane (surr) | | 99 | | % | 08/10/2001 | | 3472 | | bmh | SW 8260A | |
| d8-Toluene (surr) | | 101 | | % | 08/10/2001 | | 3472 | | bmh | SW 8260A | |
| Bromofluorobenzene (surr) | | 101 | note | % | 08/10/2001 | | 3472 | | bmh | SW 8260A | |

QUALITY CONTROL FLAG DEFINITIONS

Job Number: 01.14219

(*) Indicates an out-of-control QC. The analytical data was reported based on other supporting quality control information.

(Note) Indicates to review the notes and comments section of the analytical report as there is additional information concerning this analytical result.

(MS) Indicates that the Matrix Spike (MS) was out of statistical advisory limits.

(MSD) Indicates that the Matrix Spike Duplicate (MSD) was out of statistical advisory limits.

(RPD) Indicates that the Relative Percent Difference (RPD) for the MS/MSD pair was outside of statistical advisory limits.

(SS) Indicates that the MS and MSD were out of statistical advisory limits.

(SSR) Indicates that the MS, MSD and RPD were out of statistical advisory limits.

(MSR) Indicates that the MS and RPD were out of statistical advisory limits.

(MSDR) Indicates that the MSD and RPD were out of statistical advisory limits.

(DL) Indicates that the MS and MSD were diluted out and the percent recoveries of the spikes could not be calculated.

(LS) Indicates that statistical accuracy and precision data is not available for spike concentrations which are $< 1/4$ of the sample amount. Care should be used in interpreting this data.

(J) Indicates estimated concentration due to internal standard areas or surrogate recoveries outside of control limits. A sample matrix effect is usually indicated.

(DW) Indicates Dry Weight.

Analytical Reporting Limits

The reporting limits listed for non-aqueous samples in the analytical report section are Practical Quantitation Limits (PQLs). These PQLs are based upon a typical standard weight used for a non-aqueous sample. The reporting limit for a sample may be different from the PQL listed depending upon the actual weight of sample used, the samples moisture content and any dilutions used during the analysis.

NOTES AND COMMENTS

TestAmerica Job Number: 1.14219

Sample Number: 698547, 698574

Analysis: 8260

Blank analyzed with samples had hexachlorobutadiene above the reporting limit. No detection was noted for this compound in the samples.

Analysis: 8270 BNA

Sample Number: 698543

Due to elevated levels of non-target compounds, the d12-perylene internal standard was below the recommended response level. Results for the following should be considered estimates:

benzo(b)fluoranthene and benzo(a)pyrene

Sample Number: 698536

Due to elevated levels of non-target compounds, the d12-chrysene and d12-perylene internal standards were below their recommended response levels. Results for the following should be considered estimates:

benzo(a)anthracene, benzo(k)fluoranthene, benzo(a)pyrene, indeno(1,2,3-c,d)pyrene, and dibenz(a,h)anthracene

The surrogate, d14-p-terphenyl, was above the recommended % recovery criteria.

Sample Number: 698537

Due to elevated levels of non-target compounds, the d12-chrysene and d12-perylene internal standards were below their recommended response levels. Results for the following should be considered estimates:

pyrene, chrysene, benzo(b)fluoranthene, and benzo(a)pyrene

The surrogate, d14-p-terphenyl, was above the recommended % recovery criteria.

NOTES AND COMMENTS

TestAmerica Job Number: 1.14219

Analysis: 8270 BNA (cont'd)

Sample Number: 698538

Due to elevated levels of non-target compounds, the d12-chrysene and d12-perylene internal standards were below their recommended response levels. Results for the following should be considered estimates:

benzo(a)anthracene, chrysene, benzo(b)fluoranthene, and benzo(a)pyrene

The surrogate, d14-p-terphenyl, was above the recommended % recovery criteria.

Sample Number: 698541

Due to elevated levels of non-target compounds, the d12-chrysene and d12-perylene internal standards were below their recommended response levels. Results for the following should be considered estimates:

pyrene, chrysene, benzo(b)fluoranthene, and benzo(a)pyrene

The surrogate, d14-p-terphenyl, was above the recommended % recovery criteria.

Sample Number: 698535

Due to elevated levels of non-target compounds, the d12-chrysene and d12-perylene internal standards were below their recommended response levels. Results for the following should be considered estimates:

pyrene, benzo(a)anthracene, chrysene,
benzo(b)fluoranthene, benzo(a)pyrene,
indeno(1,2,3-c,d)pyrene

The surrogate, d14-p-terphenyl, was above the recommended % recovery criteria.

Sample Number: 698540

Due to elevated levels of non-target compounds, the d12-chrysene and d12-perylene internal standards were below the recommended response levels. Results for the following should be considered estimates:

chrysene, benzo(k)fluoranthene, and dibenz(a,h)anthracene

NOTES AND COMMENTS

TestAmerica Job Number: 1.14219

Analysis: 8270 BNA (cont'd)

The surrogate, d14-p-terphenyl, was above the recommended % recovery criteria.

Sample Number: 698542

Due to elevated levels of non-target compounds, the d12-perylene internal standard was below the recommended response level. Effectuated target compounds found were all above the calibration limit, and are reported from diluted analyses.

The surrogates, d14-p-terphenyl and 2,4,6-tribromophenol had elevated % recovery criteria.

Sample Number: 698544

Analysis: 8270 BNA

Due to elevated levels of non-target compounds, the d12-perylene internal standard was below the recommended response level. Consequently, results for the following compounds should be considered estimates:

benzo(b)fluoroanthene, benzo(k)fluoroanthene, benzo(a)pyrene,
indeno(1,2,3-c,d)pyrene.

Sample 698539

Analysis: 8270 BNA

Due to elevated levels of non-target compounds, the d12-perylene internal standard was below the recommended response level. Consequently, results for the following compounds should be considered estimates:

benzo(k)fluoranthene and benzo(a)pyrene

The surrogate d14-p-terphenyl had elevated % recovery criteria.

142A

CHAIN OF CUSTODY RECORD

NO. 5316



Hull & Associates, Inc.

Dublin
 6130 Wicox Road
 Dublin, Ohio 43016
 Phone: (614)385-8777
 Fax: (614)385-8070

Toledo
 3401 Glendale Avenue
 SUITE 300
 Toledo, Ohio 43614
 Phone: (419)385-2018
 Fax: (419)385-5489

Mason
 4700 Duke Drive, Suite 172
 Mason, Ohio 45040
 Phone: (513)459-9677
 Fax: (513)459-9869

Warrensville Heights
 4949 Galaxy Parkway, Suite S
 Warrensville Heights, Ohio 44128
 Phone: (216)514-7100
 Fax: (216)514-7104

REPORT TO: SEVIN WILDMAN

Client: SOUTH BEND
 Site: AREA A
 Project#: SB1002 Phase: 01.TST
 Samplers: BTK

- SAMPLE TYPES**
 A - AIR
 C - ASBESTOS
 D - SEDIMENT
 G - GROUNDWATER
 P - PRODUCT
 W - WATER
 Z - OTHERS
 All samples are kept at 4°C.
- PRESERVATIVES**
 A - Cool only, <4°C
 B - HNO₃, pH<2
 C - H₂SO₄, pH<2
 D - NaOH, pH>12
 E - Zinc acetate + NaOH, pH>8
 F - Na₂S₂O₃ (0.008%)
 G - HCl, pH<2
- METALS**
 K - NOT FILTERED
 L - FILTERED
 B - BOTH

| PROJECT NO. | SAMPLE LOCATION | SAMPLE TYPE | SAMPLER ID | NO. OF METALS CONT. | DATE/TIME | ANALYSES | COMMENTS |
|-------------|-----------------|-------------|------------|---------------------|-------------|---|----------|
| SB1002 | HMW75 | S000020 | :428 | 2 | 8-7-01 1320 | TPH GRP TPH SR SVOCL PCRA METALS | |
| SB1002 | AMW105 | S040050 | :428 | 3 | 8-7-01 1640 | | |
| SB1002 | HMW105 | S100110 | :428 | 3 | 8-7-01 1650 | | |
| SB1002 | SBG | S100110 | :428 | 4 | 8-6-01 1240 | | |
| SB1002 | SBG | S140150 | :428 | 4 | 8-6-01 1250 | | |
| SB1002 | GBZ6 | S020040 | :428 | 3 | 8-7-01 0817 | | |
| SB1002 | GBZ7 | S020040 | :428 | 3 | 8-7-01 0810 | | |
| SB1002 | HMW205 | S000020 | :428 | 3 | 8-6-01 1535 | | |
| SB1002 | GBZ0 | S005020 | :428 | 1 | 8-7-01 0822 | | |
| SB1002 | GB30 | S000020 | :428 | 1 | 8-7-01 0733 | | |
| SB1002 | GB37 | S000020 | :428 | 1 | 8-7-01 0800 | | |
| SB1002 | GBZ1 | S010030 | :428 | 1 | 8-7-01 0835 | | |

RELINQUISHED BY: [Signature] DATE: 8-7-01 TIME: 17-42

RECEIVED BY: [Signature] DATE: 8-7-01 TIME: 17-42

RELINQUISHED BY: [Signature] DATE: 8-7-01 TIME: 18-30

RECEIVED BY: [Signature] DATE: 8-7-01 TIME: 18-30

RELINQUISHED BY: [Signature] DATE: 8-7-01 TIME: 18-30

RECEIVED BY: [Signature] DATE: 8-7-01 TIME: 18-30

Deliver To: SAMPLE RECEIVING

Method of Delivery: FED EX

Airbill Number: 826265968039

NOTES:

COOLER TEMPERATURE AS RECEIVED °C: 3

DISTRIBUTION:
 WHITE --LAB USE (MUST BE RETURNED WITH REPORT)
 YELLOW --LAB USE
 PINK --RETAINED BY HM

TURN AROUND TIME: SLD DAYS



Hull & Associates, Inc.

Dublin
6130 Wilcox Road
Dublin, Ohio 43016
Phone: (614)385-8777
FAX: (614)385-9070

Toledo
3401 Glendale Avenue
SUITE 300
Toledo, Ohio 43614
Phone: (419)385-2018
FAX: (419)385-5489

Mason
4700 Duke Drive, Suite 172
Mason, Ohio 45040
Phone: (513)459-9877
FAX: (513)459-9869

Warrensaville Heights
4949 Galaxy Parkway, Suite S
Warrensaville Heights, Ohio 44128
Phone: (216)514-7100
FAX: (216)514-7104

REPORT TO: KEVIN WILDMAN

Client: SOUTH BEARS
Site: AREA A
Project#: SB1002 Phase: 01.135
Samplers: RTM

CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

NO. 5314

| PROJECT NO. | SAMPLE LOCATION | SAMPLE TYPE | SAMPLER ID | NO. OF METALS CONT. | SAMPLING DATE/TIME | COMMENTS | ANALYSES | PRESERVATIVES | |
|-------------|-----------------|-------------|------------|---------------------|--------------------|----------|----------|---------------|--------|
| | | | | | | | | AIR | METALS |
| SB1002 | GB22 : S05020 | | 428 | 1 | 8-7-97 0845 | X | | | |
| SB1002 | GB24 : S05020 | | 428 | 1 | 8-7-97 0910 | X | | | |
| SB1002 | GB23 : S05020 | | 428 | 1 | 8-7-97 0920 | X | | | |
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NO DATA METALS

SAMPLE TYPES
A - ASBESTOS
B - SEDIMENT
C - GROUNDWATER
D - PRODUCT
E - SOIL
F - WATER
G - OTHERS
All samples are kept at 4°C.

PRESERVATIVES
A - Cool only, <4°C
B - HNO₃, pH<2
C - H₂SO₄, pH<2
D - NaOH, pH>12
E - 10% formalin
F - H₂O₂ (30.008%)
G - HCl, pH<2

METALS
A - FILTERED
M - NOT FILTERED
B - BOTH

RELINQUISHED BY: RM DATE: 8-7-97 TIME: 17-42

RELINQUISHED BY: Max DATE: 8-7-97 TIME: 03-30

RELINQUISHED BY: Max DATE: 8-8-97 TIME: 09-30

RECEIVED BY: Max DATE: 8-7-97 TIME: 17-42

RECEIVED BY: Max DATE: 8-7-97 TIME: 03-30

RECEIVED FOR LAB BY: Max DATE: 8-8-97 TIME: 09-30

COOLER TEMPERATURE AS RECEIVED °C : 3

Deliver To: SAMPLE RECEIVING

Method of Delivery: FED EX

Airbill Number: 826265968039

NOTES: _____

TURN AROUND TIME: 5 DAYS

19820-545-417-5114

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

NO. **5323**



Hull & Associates, Inc.

Dublin
 6130 Wilcox Road
 Dublin, Ohio 43015
 Phone: (614) 385-9777
 Fax: (614) 385-9070

Toledo
 3401 Glendale Avenue
 Suite 300
 Toledo, Ohio 43614
 Phone: (419) 385-2018
 Fax: (419) 385-5489

Mason
 4700 Duke Drive, Suite 172
 Mason, Ohio 45040
 Phone: (513) 459-9877
 Fax: (513) 459-9889

Warrensburg, Heights
 4949 Galaxy Parkway, Suite S
 Warrensville Heights, Ohio 44128
 Phone: (216) 514-7100
 Fax: (216) 514-7104

REPORT TO: KEVIN W. D. MAH

Client: South Bend
 Site: AREA A
 Project#: SBI002 Phase: 01TST
 Samplers: N-COMPARE

- SAMPLE TYPES**
- A - AIR
 - B - ASBESTOS
 - C - SEDIMENT
 - D - GROUNDWATER
 - E - PRODUCT
 - F - SOIL
 - G - WATER
 - H - OTHERS
- PRESERVATIVES**
- A - Cool only, <4° C
 - B - HNO₃ pH<2
 - C - H₂SO₄ pH<2
 - D - NaOH pH>12
 - E - NaOH pH>12
 - F - Na₂S₂O₃ (0.008M)
 - G - HCl pH<2
- METALS**
- F - FILTERED
 - N - NOT FILTERED
 - B - BOTH
- All samples are kept at 4°C.

| PROJECT NO. | SAMPLE LOCATION | SAMPLE TYPE | SAMPLER ID | NO. OF METALS CONT. | SAMPLING DATE/TIME | ANALYSES | COMMENTS |
|-------------|-----------------|-------------|------------|---------------------|--------------------|----------|---------------------------|
| SBI002 | GB-15 | S000010 | : 412 | 2 | 8-7-01 1535 | A A | Extra Sample Master Spike |
| SBI002 | GB-16 | S000005 | : 412 | 1 | 8-7-01 1615 | A A | |
| SBI002 | GB-17 | S000015 | : 412 | 1 | 8-7-01 1640 | A A | |
| SBI002 | GB-28 | S000020 | : 412 | 1 | 8-7-01 1030 | A A | |
| SBI002 | GB-29 | S005015 | : 412 | 1 | 8-7-01 1115 | A A | |
| SBI002 | GB-31 | S000010 | : 412 | 1 | 8-7-01 1135 | A A | |
| SBI002 | GB-33 | S000010 | : 412 | 1 | 8-7-01 1245 | A A | |
| SBI002 | GB-34 | S000015 | : 412 | 1 | 8-7-01 1320 | A A | |
| SBI002 | GB-35 | S000015 | : 412 | 1 | 8-7-01 1450 | A A | |
| SBI002 | GB-35D | S000015 | : 412 | 1 | 8-7-01 1450 | A A | |
| | | | | | | | |
| | | | | | | | |

Deliver To: Sample Receiving
 Method of Delivery: FED EX
 Airbill Number: 826265968089
 NOTES: Matrix Spikes 8.6.15

DATE: 8-7-01
 TIME: 1030
 DATE: 8-7-01
 TIME: 1115
 DATE: 8-7-01
 TIME: 1245
 DATE: 8-7-01
 TIME: 1320
 DATE: 8-7-01
 TIME: 1450
 DATE: 8-7-01
 TIME: 1450

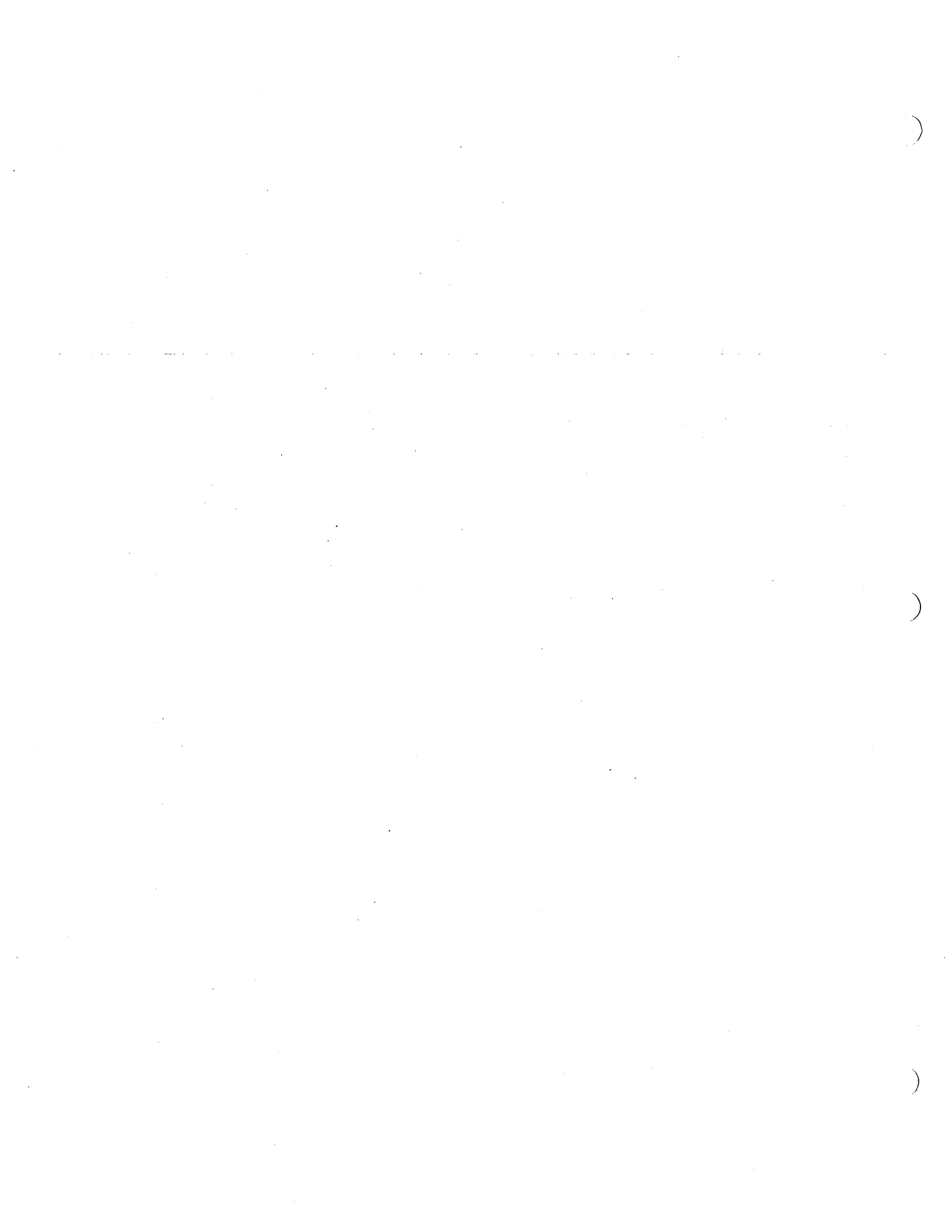
RECEIVED BY: GD Ex
 RECEIVED BY:
 RECEIVED FOR LAB BY: RAM

DATE: 8-7-01
 TIME: 1030
 DATE: 8-7-01
 TIME: 1115
 DATE: 8-7-01
 TIME: 1245
 DATE: 8-7-01
 TIME: 1320
 DATE: 8-7-01
 TIME: 1450

RELINQUISHED BY: Kevin W. D. Mah
 RELINQUISHED BY:
 RELINQUISHED BY:
 COOLER TEMPERATURE AS RECEIVED °C: 3°

DISTRIBUTION:
 WHITE --LAB USE (MUST BE RETURNED WITH REPORT)
 YELLOW --LAB USE
 PINK --RETAINED BY IAH

TURN AROUND TIME: STANDARD DAYS



SR7002

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/29/2001

Job Number: 01.14706

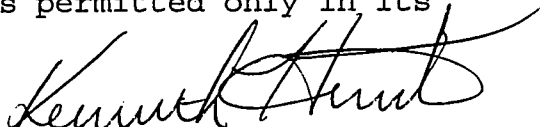
Enclosed is the analytical report for the following samples submitted to the Dayton Division of TestAmerica, Inc. for analysis:

| <u>Sample Number</u> | <u>Sample Description</u> | <u>Date Taken</u> | <u>Date Received</u> |
|----------------------|----------------------------|-------------------|----------------------|
| 700077 | SBI002:GB-36:S000020:412 | 08/10/2001 | 08/15/2001 |
| 700078 | SBI002:GB-11:S000015:412 | 08/10/2001 | 08/15/2001 |
| 700079 | SBI002:HMW25S:S010025:412 | 08/10/2001 | 08/15/2001 |
| 700080 | SBI002:HMW27S:S000015:412 | 08/13/2001 | 08/15/2001 |
| 700081 | SBI002:HMW18S:S000010:412 | 08/14/2001 | 08/15/2001 |
| 700082 | SBI002:HMW18S:S230250:412 | 08/14/2001 | 08/15/2001 |
| 700083 | SBI002:HMW34S:S000010:412 | 08/14/2001 | 08/15/2001 |
| 700084 | SBI002:HMW-12D:S000020:505 | 08/13/2001 | 08/15/2001 |
| 700085 | SBI002:HMW-11D:S020040:505 | 08/14/2001 | 08/15/2001 |
| 700086 | SBI002:HMW21D:S005020:428 | 08/13/2001 | 08/15/2001 |
| 700087 | SBI002:HMW12S:S005020:428 | 08/14/2001 | 08/15/2001 |
| 700088 | SBI002:FB-1:W081401:412 | 08/14/2001 | 08/15/2001 |
| 700089 | SBI002:TB-1:W081401 | 08/14/2001 | 08/15/2001 |
| 700090 | SBI002:HMW25S:S210230:412 | 08/10/2001 | 08/15/2001 |

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Reproduction of this analytical report is permitted only in its entirety.

Enclosure


Approved By

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Limit | Initials | Method Reference |
|-------------------------------|--------------------------|----------|------|----------|------------|-------|-------|-----------|---------|-------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | | Number | | | |
| 700077 | SBI002:GB-36:S000020:412 | | | | | | | | | | | DATE/TIME TAKEN 08/10/2001 11:10 |
| Dry Weight | | 83.9 | | g | 08/22/2001 | | 1482 | | | | mhg | SM 2540 G. |
| ICP NONAQUEOUS | | Complete | | | 08/23/2001 | | 1245 | Complete | | | emd | SW 6010B |
| Arsenic, ICP | | 4.8 | | mg/kg dw | 08/23/2001 | 907 | 2975 | <3.9 | | | emd | SW 6010B |
| Barium, ICP | | 41.2 | | mg/kg dw | 08/23/2001 | 907 | 2906 | <0.79 | | | emd | SW 6010B |
| Cadmium, ICP | | <1.2 | | mg/kg dw | 08/23/2001 | 907 | 2888 | <1.2 | | | emd | SW 6010B |
| Chromium, ICP | | 6.7 | | mg/kg dw | 08/23/2001 | 907 | 2876 | <1.5 | | | emd | SW 6010B |
| Lead, ICP | | 11 | | mg/kg dw | 08/23/2001 | 907 | 2877 | <3.1 | | | emd | SW 6010B |
| Mercury, CVAA | | <0.008 | | mg/kg dw | 08/24/2001 | 613 | 631 | <0.008 | | | epk | SW 7471A |
| Selenium, ICP | | <3.9 | | mg/kg dw | 08/23/2001 | 907 | 2955 | <3.9 | | | emd | SW 6010B |
| Silver, ICP | | <1.5 | | mg/kg dw | 08/23/2001 | 907 | 2908 | <1.5 | | | emd | SW 6010B |
| ICP Digestion, Nonaqueous | | Complete | | | 08/22/2001 | 907 | | Complete | | | nrt | SW 3050B |
| Mercury Digestion, Non-Aq | | Complete | | | 08/24/2001 | 613 | | Complete | | | clm | SW 7471A |
| Prep, BNA Non-Aq | | Complete | | | 08/16/2001 | 949 | | Complete | | | mlr | EPA 625; SW 3540C; SW 3545 |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | | | |
| Acenaphthene | | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | | | dmg | SW 8270C |
| Acenaphthylene | | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | | | dmg | SW 8270C |
| Anthracene | | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | | | dmg | SW 8270C |
| Benzo(a)anthracene | | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | | | dmg | SW 8270C |
| Benzo(b)fluoranthene | | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | | | dmg | SW 8270C |
| Benzo(k)fluoranthene | | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | | | dmg | SW 8270C |
| Benzo(a)pyrene | | <197 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <197 | | | dmg | SW 8270C |
| Benzyl alcohol | | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | | | dmg | SW 8270C |
| Benzyl butyl phthalate | | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | | | dmg | SW 8270C |
| Bis(2-chloroethyl)ether | | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | | | dmg | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------|------------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 700077 | SBI002:GB-36:S000020:412 | | | | | | | | | DATE/TIME TAKEN 08/10/2001 11:10 |
| | 3-(2-chloroethoxy)methane | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | dmg | SW 8270C |
| | Bis(2-ethylhexyl)phthalate | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | dmg | SW 8270C |
| | 2,2'-oxybis(1-Chloropropane) | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | dmg | SW 8270C |
| | 4-Bromophenyl phenyl ether | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | dmg | SW 8270C |
| | 4-Chloroaniline | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | dmg | SW 8270C |
| | 2-Chloronaphthalene | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | dmg | SW 8270C |
| | Chrysene | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | dmg | SW 8270C |
| | Dibenzo(a,h)anthracene | <197 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <197 | dmg | SW 8270C |
| | Dibenzofuran | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | dmg | SW 8270C |
| | 1,2-Dichlorobenzene | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | dmg | SW 8270C |
| | 1,3-Dichlorobenzene | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | dmg | SW 8270C |
| | 1,4-Dichlorobenzene | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | dmg | SW 8270C |
| | 3,3'-Dichlorobenzidine | <787 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <787 | dmg | SW 8270C |
| | Diethyl phthalate | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | dmg | SW 8270C |
| | Dimethyl phthalate | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | dmg | SW 8270C |
| | 2,4-Dinitrotoluene | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | dmg | SW 8270C |
| | 2,6-Dinitrotoluene | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | dmg | SW 8270C |
| | Di-n-octylphthalate | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | dmg | SW 8270C |
| | Fluoranthene | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | dmg | SW 8270C |
| | Fluorene | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | dmg | SW 8270C |
| | Hexachlorobenzene | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | dmg | SW 8270C |
| | Hexachloro-1,3-butadiene | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | dmg | SW 8270C |
| | Hexachlorocyclopentadiene | <787 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <787 | dmg | SW 8270C |
| | Hexachloroethane | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | dmg | SW 8270C |
| | Indeno(1,2,3-cd)pyrene | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | dmg | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|------------------------------|--------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 700077 | SBI002:GB-36:S000020:412 | | | | | | | | | | 08/10/2001 11:10 |
| Isophorone | | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | dmg | SW 8270C | |
| Naphthalene | | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | dmg | SW 8270C | |
| Nitrobenzene | | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | dmg | SW 8270C | |
| N-Nitrosodi-n-propylamine | | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | dmg | SW 8270C | |
| Phenanthrene | | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | dmg | SW 8270C | |
| Pyrene | | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | dmg | SW 8270C | |
| 1,2,4-Trichlorobenzene | | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | dmg | SW 8270C | |
| Surrogate: d5-Nitrobenzene | | 86 | | % | 08/21/2001 | 949 | 1466 | | dmg | SW 8270C | |
| Surrogate: 2-Fluorobiphenyl | | 84 | | % | 08/21/2001 | 949 | 1466 | | dmg | SW 8270C | |
| Surrogate: d14-Terphenyl | | 99 | | % | 08/21/2001 | 949 | 1466 | | dmg | SW 8270C | |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | | |
| Benzoic Acid | | <1,970 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <1,970 | dmg | SW 8270C | |
| 4-Chloro-3-methylphenol | | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | dmg | SW 8270C | |
| 2-Chlorophenol | | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | dmg | SW 8270C | |
| 2,4-Dichlorophenol | | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | dmg | SW 8270C | |
| 2,4-Dimethylphenol | | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | dmg | SW 8270C | |
| 2-Methyl-4,6-dinitrophenol | | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | dmg | SW 8270C | |
| 2-Methylphenol | | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | dmg | SW 8270C | |
| meta & para-Methylphenol | | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | dmg | SW 8270C | |
| 2-Nitrophenol | | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | dmg | SW 8270C | |
| Pentachlorophenol | | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | dmg | SW 8270C | |
| Phenol | | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | dmg | SW 8270C | |
| 2,4,5-Trichlorophenol | | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | dmg | SW 8270C | |
| 2,4,6-Trichlorophenol | | <393 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <393 | dmg | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|---------------------------|--------------------------|----------|------|----------|---------------|-------------------|------------------|-----------------|------------------|----------------------------|------------------|
| | | | | | | | | | | | |
| 700077 | SBI002:GB-36:S000020:412 | | | | | | | | | | 08/10/2001 11:10 |
| Surrogate: d6-Phenol | | 83 | | % | 08/21/2001 | 949 | 1466 | | dmg | SW 8270C | |
| Surrogate: 2-Fluorophenol | | 77 | | % | 08/21/2001 | 949 | 1466 | | dmg | SW 8270C | |
| Surrogate: Tribromophenol | | 85 | | % | 08/21/2001 | 949 | 1466 | | dmg | SW 8270C | |
| 700078 | SBI002:GB-11:S000015:412 | | | | | | | | | | 08/10/2001 11:33 |
| Dry Weight | | 86.9 | | % | 08/22/2001 | | 1482 | | mhg | SM 2540 G. | |
| ICP NONAQUEOUS | | Complete | | | 08/23/2001 | | 1245 | Complete | emd | SW 6010B | |
| Arsenic, ICP | | 6.3 | | mg/kg dw | 08/23/2001 | 907 | 2975 | <3.8 | emd | SW 6010B | |
| Barium, ICP | | 127 | | mg/kg dw | 08/23/2001 | 907 | 2906 | <0.75 | emd | SW 6010B | |
| Cadmium, ICP | | <1.1 | | mg/kg dw | 08/23/2001 | 907 | 2888 | <1.1 | emd | SW 6010B | |
| Chromium, ICP | | 7.7 | | mg/kg dw | 08/23/2001 | 907 | 2876 | <1.5 | emd | SW 6010B | |
| Lead, ICP | | 628 | | mg/kg dw | 08/23/2001 | 907 | 2877 | <3.0 | emd | SW 6010B | |
| Mercury, CVAA | | 0.275 | | mg/kg dw | 08/24/2001 | 613 | 631 | <0.009 | epk | SW 7471A | |
| Selenium, ICP | | <3.8 | | mg/kg dw | 08/23/2001 | 907 | 2955 | <3.8 | emd | SW 6010B | |
| Silver, ICP | | <1.5 | | mg/kg dw | 08/23/2001 | 907 | 2908 | <1.5 | emd | SW 6010B | |
| ICP Digestion, Nonaqueous | | Complete | | | 08/22/2001 | 907 | | Complete | mrt | SW 3050B | |
| Mercury Digestion, Non-Aq | | Complete | | | 08/24/2001 | 613 | | Complete | clm | SW 7471A | |
| Prep, PCBs Non-Aq 8082 | | Complete | | | 08/16/2001 | 103 | | Complete | mlr | SW 3540C; SW 3545 | |
| Prep, BNA Non-Aq | | Complete | | | 08/16/2001 | 949 | | Complete | mlr | EPA 625; SW 3540C; SW 3545 | |
| Prep, TPH 418.1 Nonaq | | COMPLETE | | | 08/23/2001 | 594 | | Complete | 110 | SW 9071 | |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|--------------------------|----------|------|----------|------------|-------|-------|-----------|---------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | | Limit | |
| 700078 | SBI002:GB-11:S000015:412 | | | | | | | | | DATE/TIME TAKEN 08/10/2001 11:33 |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | | Complete | | | 08/16/2001 | | 1468 | Complete | bmh | |
| Acetone | | <115 | | ug/kg dw | 08/16/2001 | | 1468 | <115 | bmh | SW 8260A |
| Benzene | | <5.8 | | ug/kg dw | 08/16/2001 | | 1468 | <5.8 | bmh | SW 8260A |
| tert-Butylbenzene | | <5.8 | | ug/kg dw | 08/16/2001 | | 1468 | <5.8 | bmh | SW 8260A |
| sec-Butylbenzene | | <5.8 | | ug/kg dw | 08/16/2001 | | 1468 | <5.8 | bmh | SW 8260A |
| n-Butylbenzene | | <5.8 | | ug/kg dw | 08/16/2001 | | 1468 | <5.8 | bmh | SW 8260A |
| Bromochloromethane | | <5.8 | | ug/kg dw | 08/16/2001 | | 1468 | <5.8 | bmh | SW 8260A |
| Bromodichloromethane | | <5.8 | | ug/kg dw | 08/16/2001 | | 1468 | <5.8 | bmh | SW 8260A |
| Bromoform | | <5.8 | | ug/kg dw | 08/16/2001 | | 1468 | <5.8 | bmh | SW 8260A |
| Bromobenzene | | <5.8 | | ug/kg dw | 08/16/2001 | | 1468 | <5.8 | bmh | SW 8260A |
| 2-Butanone (MEK) | | <58 | | ug/kg dw | 08/16/2001 | | 1468 | <58 | bmh | SW 8260A |
| Carbon disulfide | | <5.8 | | ug/kg dw | 08/16/2001 | | 1468 | <5.8 | bmh | SW 8260A |
| Carbon tetrachloride | | <5.8 | | ug/kg dw | 08/16/2001 | | 1468 | <5.8 | bmh | SW 8260A |
| Chlorobenzene | | <5.8 | | ug/kg dw | 08/16/2001 | | 1468 | <5.8 | bmh | SW 8260A |
| Chloroethane | | <11.5 | | ug/kg dw | 08/16/2001 | | 1468 | <11.5 | bmh | SW 8260A |
| 2-Chlorotoluene | | <5.8 | | ug/kg dw | 08/16/2001 | | 1468 | <5.8 | bmh | SW 8260A |
| 4-Chlorotoluene | | <5.8 | | ug/kg dw | 08/16/2001 | | 1468 | <5.8 | bmh | SW 8260A |
| Chloroform | | <5.8 | | ug/kg dw | 08/16/2001 | | 1468 | <5.8 | bmh | SW 8260A |
| Chloromethane | | <11.5 | | ug/kg dw | 08/16/2001 | | 1468 | <11.5 | bmh | SW 8260A |
| Dibromochloromethane | | <5.8 | | ug/kg dw | 08/16/2001 | | 1468 | <5.8 | bmh | SW 8260A |
| Dibromomethane | | <5.8 | | ug/kg dw | 08/16/2001 | | 1468 | <5.8 | bmh | SW 8260A |
| Dichlorodifluoromethane | | <5.8 | | ug/kg dw | 08/16/2001 | | 1468 | <5.8 | bmh | SW 8260A |
| 1,2-Dibromo-3-chloropropane | | <5.8 | | ug/kg dw | 08/16/2001 | | 1468 | <5.8 | bmh | SW 8260A |
| 1,2-Dichlorobenzene | | <5.8 | | ug/kg dw | 08/16/2001 | | 1468 | <5.8 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------|-----------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 700078 | SBI002:GB-11:S000015:412 | | | | | | | | | DATE/TIME TAKEN 08/10/2001 11:33 |
| | 1,3-Dichlorobenzene | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A |
| | 1,4-Dichlorobenzene | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A |
| | 1,1-Dichloroethane | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A |
| | 1,2-Dichloroethane | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A |
| | 1,1-Dichloroethene | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A |
| | cis-1,2-Dichloroethene | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A |
| | trans-1,2-Dichloroethene | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A |
| | 1,2-Dichloropropane | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A |
| | 1,3-Dichloropropane | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A |
| | 2,2-Dichloropropane | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A |
| | 1,1-Dichloropropene | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A |
| | cis-1,3-Dichloropropene | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A |
| | trans-1,3-Dichloropropene | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A |
| | Ethylbenzene | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A |
| | Hexachlorobutadiene | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A |
| | n-Hexane | <23.0 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <23.0 | bmh | SW 8260A |
| | 2-Hexanone | <57.5 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <57.5 | bmh | SW 8260A |
| | Isopropylbenzene (Cumene) | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A |
| | p-Isopropyltoluene | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A |
| | Bromomethane | <11.5 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <11.5 | bmh | SW 8260A |
| | Methylene Chloride | <11.5 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <11.5 | bmh | SW 8260A |
| | Methyl t-butyl ether (MTBE) | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A |
| | 4-Methyl-2-pentanone (MIBK) | <57.5 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <57.5 | bmh | SW 8260A |
| | n-Propylbenzene | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A |
| | Styrene | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|-------------------------------|--------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 700078 | SBI002:GB-11:S000015:412 | | | | | | | | | DATE/TIME TAKEN 08/10/2001 11:33 |
| Naphthalene | | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A |
| 1,1,1,2-Tetrachloroethane | | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A |
| 1,1,2,2-Tetrachloroethane | | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A |
| Tetrachloroethene | | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A |
| Toluene | | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A |
| 1,2,4-Trichlorobenzene | | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A |
| 1,1,1-Trichloroethane | | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A |
| 1,1,2-Trichloroethane | | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A |
| Trichloroethene | | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A |
| Trichlorofluoromethane | | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A |
| 1,2,3-Trichloropropane | | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A |
| 1,2,4-Trimethylbenzene | | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A |
| 1,3,5-Trimethylbenzene | | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A |
| Vinyl Acetate | | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A |
| Vinyl Chloride | | <2.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <2.3 | bmh | SW 8260A |
| Xylenes, Total | | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A |
| d4-1,2-Dichloroethane (surr) | | 86 | | % | 08/16/2001 | 1468 | 1468 | | bmh | SW 8260A |
| Dibromofluoromethane (surr) | | 93 | | % | 08/16/2001 | 1468 | 1468 | | bmh | SW 8260A |
| d8-Toluene (surr) | | 107 | | % | 08/16/2001 | 1468 | 1468 | | bmh | SW 8260A |
| Bromofluorobenzene (surr) | | 112 | | % | 08/16/2001 | 1468 | 1468 | | bmh | SW 8260A |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| Acenaphthene | | <380 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C |
| Acenaphthylene | | <380 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C |
| Anthracene | | 412 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C |

ANALYTICAL REPORT

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 6130 Wilcox Rd.
 Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst | Method Reference |
|------------------------------|--------------------------|--------|------|------------|---------------|-------------------|------------------|-----------------|------------------|------------------|
| | | | | | | | | | Initials | |
| 700078 | SBI002:GB-11:S000015:412 | | | | | | | | | |
| | | | | | | | | | DATE/TIME TAKEN | |
| | | | | | | | | | 08/10/2001 11:33 | |
| Benzo(a)anthracene | 1,740 | ug/kg | dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C | |
| Benzo(b)fluoranthene | 2,090 | ug/kg | dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C | |
| Benzo(k)fluoranthene | 751 | ug/kg | dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C | |
| Benzo(a)pyrene | 1,610 | ug/kg | dw | 08/21/2001 | 949 | 1466 | <190 | dmg | SW 8270C | |
| Benzyl alcohol | <380 | ug/kg | dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C | |
| Benzyl butyl phthalate | <380 | ug/kg | dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C | |
| Bis(2-chloroethyl)ether | <380 | ug/kg | dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C | |
| Bis(2-chloroethoxy)methane | <380 | ug/kg | dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C | |
| Bis(2-ethylhexyl)phthalate | <380 | ug/kg | dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C | |
| 2,2'-oxybis(1-Chloropropane) | <380 | ug/kg | dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C | |
| 4-Bromophenyl phenyl ether | <380 | ug/kg | dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C | |
| 4-Chloroaniline | <380 | ug/kg | dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C | |
| 2-Chloronaphthalene | <380 | ug/kg | dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C | |
| Chrysene | 1,880 | ug/kg | dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C | |
| Dibenzo(a,h)anthracene | <190 | ug/kg | dw | 08/21/2001 | 949 | 1466 | <190 | dmg | SW 8270C | |
| Dibenzofuran | <380 | ug/kg | dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C | |
| 1,2-Dichlorobenzene | <380 | ug/kg | dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C | |
| 1,3-Dichlorobenzene | <380 | ug/kg | dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C | |
| 1,4-Dichlorobenzene | <380 | ug/kg | dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C | |
| 3,3'-Dichlorobenzidine | <759 | ug/kg | dw | 08/21/2001 | 949 | 1466 | <759 | dmg | SW 8270C | |
| Diethyl phthalate | <380 | ug/kg | dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C | |
| Dimethyl phthalate | <380 | ug/kg | dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C | |
| 2,4-Dinitrotoluene | <380 | ug/kg | dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C | |
| 2,6-Dinitrotoluene | <380 | ug/kg | dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C | |
| Di-n-octylphthalate | <380 | ug/kg | dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------------------------|--------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 700078 | SBI002:GB-11:S000015:412 | | | | | | | | | DATE/TIME TAKEN 08/10/2001 11:33 |
| Fluoranthene | | 4,210 | | ug/kg dw | 08/23/2001 | 949 | 1468 | <3,800 | jcs | SW 8270C |
| Fluorene | | <380 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C |
| Hexachlorobenzene | | <380 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C |
| Hexachloro-1,3-butadiene | | <380 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C |
| Hexachlorocyclopentadiene | | <759 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <759 | dmg | SW 8270C |
| Hexachloroethane | | <380 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C |
| Indeno(1,2,3-cd)pyrene | | 521 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C |
| Isophorone | | <380 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C |
| Naphthalene | | <380 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C |
| Nitrobenzene | | <380 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C |
| N-Nitrosodi-n-propylamine | | <380 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C |
| Phenanthrene | | 4,170 | | ug/kg dw | 08/23/2001 | 949 | 1468 | <3,800 | jcs | SW 8270C |
| Pyrene | | 4,750 | | ug/kg dw | 08/23/2001 | 949 | 1468 | <3,800 | jcs | SW 8270C |
| 1,2,4-Trichlorobenzene | | <380 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C |
| Surrogate: d5-Nitrobenzene | | 88 | | † | 08/21/2001 | 949 | 1466 | | dmg | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 97 | | † | 08/21/2001 | 949 | 1466 | | dmg | SW 8270C |
| Surrogate: d14-Terphenyl | | 85 | | † | 08/21/2001 | 949 | 1466 | | dmg | SW 8270C |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | |
| Benzoic Acid | | <1,900 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <1,900 | dmg | SW 8270C |
| 4-Chloro-3-methylphenol | | <380 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C |
| 2-Chlorophenol | | <380 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C |
| 2,4-Dichlorophenol | | <380 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C |
| 2,4-Dimethylphenol | | <380 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | | <380 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C |

ANALYTICAL REPORT

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 6130 Wilcox Rd.
 Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst | Method Reference |
|------------|---------------------------|--------|------|----------|---------------|-------------------|------------------|-----------------|----------|-------------------------------------|
| | | | | | | | | | Initials | |
| 700078 | SBI002:GB-11:S000015:412 | | | | | | | | | DATE/TIME TAKEN 08/10/2001 11:33 |
| | o-Methylphenol | <380 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C |
| | meta & para-Methylphenol | <380 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C |
| | 2-Nitrophenol | <380 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C |
| | Pentachlorophenol | <380 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C |
| | Phenol | <380 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C |
| | 2,4,5-Trichlorophenol | <380 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C |
| | 2,4,6-Trichlorophenol | <380 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <380 | dmg | SW 8270C |
| | Surrogate: d6-Phenol | 84 | | % | 08/21/2001 | 949 | 1466 | | dmg | SW 8270C |
| | Surrogate: 2-Fluorophenol | 77 | | % | 08/21/2001 | 949 | 1466 | | dmg | SW 8270C |
| | Surrogate: Tribromophenol | 84 | | % | 08/21/2001 | 949 | 1466 | | dmg | SW 8270C |
| | PCB's M 8082, Non-Aq | | | | | | | | | |
| | Aroclor 1016 | <0.58 | | mg/kg dw | 08/20/2001 | 103 | 188 | <0.58 | jdc | SW 8082 |
| | Aroclor 1221 | <0.58 | | mg/kg dw | 08/20/2001 | 103 | 188 | <0.58 | jdc | SW 8082 |
| | Aroclor 1232 | <0.58 | | mg/kg dw | 08/20/2001 | 103 | 188 | <0.58 | jdc | SW 8082 |
| | Aroclor 1242 | <0.58 | | mg/kg dw | 08/20/2001 | 103 | 188 | <0.58 | jdc | SW 8082 |
| | Aroclor 1248 | <0.58 | | mg/kg dw | 08/20/2001 | 103 | 188 | <0.58 | jdc | SW 8082 |
| | Aroclor 1254 | <0.58 | | mg/kg dw | 08/20/2001 | 103 | 188 | <0.58 | jdc | SW 8082 |
| | Aroclor 1260 | <0.58 | | mg/kg dw | 08/20/2001 | 103 | 188 | <0.58 | jdc | SW 8082 |
| | Surrogate:TCX/DCB | 74/89 | note | % | 08/20/2001 | 103 | 188 | | jdc | SW 8082 |
| | TPH - FTIR Non-aq | <58 | | mg/kg dw | 08/23/2001 | 594 | 626 | <58 | 110 | 418.1 |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|--------------------------------|---------------------------|----------|------|------------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 700079 | SBI002:HMW25S:S010025:412 | | | | | | | | | DATE/TIME TAKEN 08/10/2001 08:15 |
| Dry Weight | 85.7 | % | | 08/22/2001 | 1482 | | | mg | | SM 2540 G. |
| ICP NONAQUEOUS | Complete | | | 08/23/2001 | 1245 | Complete | | emd | | SW 6010B |
| Arsenic, ICP | <7.5 | mg/kg dw | | 08/23/2001 | 907 | 2975 | <7.5 | emd | | SW 6010B |
| Barium, ICP | 134 | mg/kg dw | | 08/23/2001 | 907 | 2906 | <0.75 | emd | | SW 6010B |
| Cadmium, ICP | <1.1 | mg/kg dw | | 08/23/2001 | 907 | 2888 | <1.1 | emd | | SW 6010B |
| Chromium, ICP | 8.2 | mg/kg dw | | 08/23/2001 | 907 | 2876 | <1.5 | emd | | SW 6010B |
| Lead, ICP | 47.4 | mg/kg dw | | 08/23/2001 | 907 | 2877 | <3.0 | emd | | SW 6010B |
| Mercury, CVAA | 0.208 | mg/kg dw | | 08/24/2001 | 613 | 631 | <0.009 | epk | | SW 7471A |
| Selenium, ICP | <3.7 | mg/kg dw | | 08/23/2001 | 907 | 2955 | <3.7 | emd | | SW 6010B |
| Silver, ICP | <1.5 | mg/kg dw | | 08/23/2001 | 907 | 2908 | <1.5 | emd | | SW 6010B |
| ICP Digestion, Nonaqueous | Complete | | | 08/22/2001 | 907 | | Complete | mrt | | SW 3050B |
| Mercury Digestion, Non-Aq | Complete | | | 08/24/2001 | 613 | | Complete | clm | | SW 7471A |
| Prep, PCBs Non-Aq 8082 | Complete | | | 08/20/2001 | 105 | | Complete | lmc | | SW 3540C; SW 3545 |
| Prep, BNA Non-Aq | Complete | | | 08/16/2001 | 949 | | Complete | mlr | | EPA 625; SW 3540C; SW 3545 |
| Prep, TPH 418.1 Nonaq | COMPLETE | | | 08/23/2001 | 594 | | Complete | 110 | | SW 9071 |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | Complete | | | 08/16/2001 | 1468 | Complete | | bmh | | |
| Acetone | <117 | ug/kg dw | | 08/16/2001 | 1468 | <117 | | bmh | | SW 8260A |
| Benzene | <5.8 | ug/kg dw | | 08/16/2001 | 1468 | <5.8 | | bmh | | SW 8260A |
| tert-Butylbenzene | <5.8 | ug/kg dw | | 08/16/2001 | 1468 | <5.8 | | bmh | | SW 8260A |
| sec-Butylbenzene | <5.8 | ug/kg dw | | 08/16/2001 | 1468 | <5.8 | | bmh | | SW 8260A |
| n-Butylbenzene | <5.8 | ug/kg dw | | 08/16/2001 | 1468 | <5.8 | | bmh | | SW 8260A |
| Bromochloromethane | <5.8 | ug/kg dw | | 08/16/2001 | 1468 | <5.8 | | bmh | | SW 8260A |
| Bromodichloromethane | <5.8 | ug/kg dw | | 08/16/2001 | 1468 | <5.8 | | bmh | | SW 8260A |

ANALYTICAL REPORT

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 6130 Wilcox Rd.
 Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 700079 | SBI002:HMW25S:S010025:412 | | | | | | | | | | 08/10/2001 08:15 |
| | Bromoform | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A | |
| | Bromobenzene | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A | |
| | 2-Butanone (MEK) | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A | |
| | Carbon disulfide | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A | |
| | Carbon tetrachloride | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A | |
| | Chlorobenzene | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A | |
| | Chloroethane | <11.7 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <11.7 | bmh | SW 8260A | |
| | 2-Chlorotoluene | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A | |
| | 4-Chlorotoluene | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A | |
| | Chloroform | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A | |
| | Chloromethane | <11.7 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <11.7 | bmh | SW 8260A | |
| | Dibromochloromethane | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A | |
| | Dibromomethane | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A | |
| | Dichlorodifluoromethane | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A | |
| | 1,2-Dibromo-3-chloropropane | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A | |
| | 1,2-Dichlorobenzene | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A | |
| | 1,3-Dichlorobenzene | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A | |
| | 1,4-Dichlorobenzene | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A | |
| | 1,1-Dichloroethane | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A | |
| | 1,2-Dichloroethane | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A | |
| | 1,1-Dichloroethene | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A | |
| | cis-1,2-Dichloroethene | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A | |
| | trans-1,2-Dichloroethene | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A | |
| | 1,2-Dichloropropane | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A | |
| | 1,3-Dichloropropane | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.8 | bmh | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|---------------------------|--------|------|----------|---------------|--------------|--------------|-----------|---------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Limit | |
| 700079 | SBI002:HMW25S:S010025:412 | | | | | | | | | DATE/TIME TAKEN 08/10/2001 08:15 |
| 2,2-Dichloropropane | | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | | <5.8 | bmh | SW 8260A |
| 1,1-Dichloropropane | | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | | <5.8 | bmh | SW 8260A |
| cis-1,3-Dichloropropene | | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | | <5.8 | bmh | SW 8260A |
| trans-1,3-Dichloropropene | | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | | <5.8 | bmh | SW 8260A |
| Ethylbenzene | | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | | <5.8 | bmh | SW 8260A |
| Hexachlorobutadiene | | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | | <5.8 | bmh | SW 8260A |
| n-Hexane | | <23.3 | | ug/kg dw | 08/16/2001 | 1468 | | <23.3 | bmh | SW 8260A |
| 2-Hexanone | | <58.3 | | ug/kg dw | 08/16/2001 | 1468 | | <58.3 | bmh | SW 8260A |
| Isopropylbenzene (Cumene) | | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | | <5.8 | bmh | SW 8260A |
| p-Isopropyltoluene | | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | | <5.8 | bmh | SW 8260A |
| Bromomethane | | <11.7 | | ug/kg dw | 08/16/2001 | 1468 | | <11.7 | bmh | SW 8260A |
| Methylene Chloride | | <11.7 | | ug/kg dw | 08/16/2001 | 1468 | | <11.7 | bmh | SW 8260A |
| Methyl t-butyl ether (MTBE) | | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | | <5.8 | bmh | SW 8260A |
| 4-Methyl-2-pentanone (MIBK) | | <58.3 | | ug/kg dw | 08/16/2001 | 1468 | | <58.3 | bmh | SW 8260A |
| n-Propylbenzene | | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | | <5.8 | bmh | SW 8260A |
| Styrene | | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | | <5.8 | bmh | SW 8260A |
| Naphthalene | | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | | <5.8 | bmh | SW 8260A |
| 1,1,1,2-Tetrachloroethane | | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | | <5.8 | bmh | SW 8260A |
| 1,1,2,2-Tetrachloroethane | | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | | <5.8 | bmh | SW 8260A |
| Tetrachloroethene | | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | | <5.8 | bmh | SW 8260A |
| Toluene | | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | | <5.8 | bmh | SW 8260A |
| 1,2,4-Trichlorobenzene | | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | | <5.8 | bmh | SW 8260A |
| 1,1,1-Trichloroethane | | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | | <5.8 | bmh | SW 8260A |
| 1,1,2-Trichloroethane | | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | | <5.8 | bmh | SW 8260A |
| Trichloroethene | | <5.8 | | ug/kg dw | 08/16/2001 | 1468 | | <5.8 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-------------------------------|------------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 700079 | SBI002:HMW25S:S010025:412 | | | | | | | | | DATE/TIME TAKEN 08/10/2001 08:15 |
| | Trichlorofluoromethane | <5.8 | | ug/kg dw | 08/16/2001 | | 1468 | <5.8 | bmh | SW 8260A |
| | 1,2,3-Trichloropropane | <5.8 | | ug/kg dw | 08/16/2001 | | 1468 | <5.8 | bmh | SW 8260A |
| | 1,2,4-Trimethylbenzene | <5.8 | | ug/kg dw | 08/16/2001 | | 1468 | <5.8 | bmh | SW 8260A |
| | 1,3,5-Trimethylbenzene | <5.8 | | ug/kg dw | 08/16/2001 | | 1468 | <5.8 | bmh | SW 8260A |
| | Vinyl Acetate | <5.8 | | ug/kg dw | 08/16/2001 | | 1468 | <5.8 | bmh | SW 8260A |
| | Vinyl Chloride | <2.3 | | ug/kg dw | 08/16/2001 | | 1468 | <2.3 | bmh | SW 8260A |
| | Xylenes, Total | <5.8 | | ug/kg dw | 08/16/2001 | | 1468 | <5.8 | bmh | SW 8260A |
| | d4-1,2-Dichloroethane (surr) | 89 | | † | 08/16/2001 | | 1468 | | bmh | SW 8260A |
| | Dibromofluoromethane (surr) | 98 | | † | 08/16/2001 | | 1468 | | bmh | SW 8260A |
| | d8-Toluene (surr) | 106 | | † | 08/16/2001 | | 1468 | | bmh | SW 8260A |
| | Bromofluorobenzene (surr) | 119 | | † | 08/16/2001 | | 1468 | | bmh | SW 8260A |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| | Acenaphthene | <385 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <385 | dmg | SW 8270C |
| | Acenaphthylene | <385 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <385 | dmg | SW 8270C |
| | Anthracene | <385 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <385 | dmg | SW 8270C |
| | Benzo(a)anthracene | <385 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <385 | dmg | SW 8270C |
| | Benzo(b)fluoranthene | <385 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <385 | dmg | SW 8270C |
| | Benzo(k)fluoranthene | <385 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <385 | dmg | SW 8270C |
| | Benzo(a)pyrene | <193 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <193 | dmg | SW 8270C |
| | Benzyl alcohol | <385 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <385 | dmg | SW 8270C |
| | Benzyl butyl phthalate | <385 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <385 | dmg | SW 8270C |
| | Bis(2-chloroethyl)ether | <385 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <385 | dmg | SW 8270C |
| | Bis(2-chloroethoxy)methane | <385 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <385 | dmg | SW 8270C |
| | Bis(2-ethylhexyl)phthalate | <385 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <385 | dmg | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
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08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------------------------|-----------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 700079 | SBI002:HMW25S:S010025:412 | | | | | | | | | DATE/TIME TAKEN 08/10/2001 08:15 |
| | robenzene | <385 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <385 | dmg | SW 8270C |
| | N-Nitrosodi-n-propylamine | <385 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <385 | dmg | SW 8270C |
| | Phenanthrene | <385 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <385 | dmg | SW 8270C |
| | Pyrene | <385 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <385 | dmg | SW 8270C |
| | 1,2,4-Trichlorobenzene | <385 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <385 | dmg | SW 8270C |
| | Surrogate: d5-Nitrobenzene | 75 | | % | 08/20/2001 | 949 | 1465 | | dmg | SW 8270C |
| | Surrogate: 2-Fluorobiphenyl | 75 | | % | 08/20/2001 | 949 | 1465 | | dmg | SW 8270C |
| | Surrogate: d14-Terphenyl | 87 | | % | 08/20/2001 | 949 | 1465 | | dmg | SW 8270C |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | |
| | Benzoic Acid | <1,930 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <1,930 | dmg | SW 8270C |
| | 4-Chloro-3-methylphenol | <385 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <385 | dmg | SW 8270C |
| | 2-Chlorophenol | <385 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <385 | dmg | SW 8270C |
| | 2,4-Dichlorophenol | <385 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <385 | dmg | SW 8270C |
| | 2,4-Dimethylphenol | <385 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <385 | dmg | SW 8270C |
| | 2-Methyl-4,6-dinitrophenol | <385 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <385 | dmg | SW 8270C |
| | 2-Methylphenol | <385 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <385 | dmg | SW 8270C |
| | meta & para-Methylphenol | <385 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <385 | dmg | SW 8270C |
| | 2-Nitrophenol | <385 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <385 | dmg | SW 8270C |
| | Pentachlorophenol | <385 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <385 | dmg | SW 8270C |
| | Phenol | <385 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <385 | dmg | SW 8270C |
| | 2,4,5-Trichlorophenol | <385 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <385 | dmg | SW 8270C |
| | 2,4,6-Trichlorophenol | <385 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <385 | dmg | SW 8270C |
| | Surrogate: d6-Phenol | 73 | | % | 08/20/2001 | 949 | 1465 | | dmg | SW 8270C |
| | Surrogate: 2-Fluorophenol | 68 | | % | 08/20/2001 | 949 | 1465 | | dmg | SW 8270C |

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 Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting | Analyst | Method | Reference |
|---------------------------|---------------------------|----------|------|-------|---------------|-------|-------|-----------|---------|------------|-------------------------------------|
| | | | | | | Batch | Batch | | | | |
| 700079 | SBI002:HMW25S:S010025:412 | | | | | | | | | | DATE/TIME TAKEN 08/10/2001 08:15 |
| Surrogate: Tribromophenol | 74 | % | | | 08/20/2001 | 949 | 1465 | | dmg | SW 8270C | |
| PCB's M 8082, Non-Aq | | | | | | | | | | | |
| Aroclor 1016 | <0.58 | mg/kg dw | | | 08/20/2001 | 105 | 187 | <0.58 | jdc | SW 8082 | |
| Aroclor 1221 | <0.58 | mg/kg dw | | | 08/20/2001 | 105 | 187 | <0.58 | jdc | SW 8082 | |
| Aroclor 1232 | <0.58 | mg/kg dw | | | 08/20/2001 | 105 | 187 | <0.58 | jdc | SW 8082 | |
| Aroclor 1242 | <0.58 | mg/kg dw | | | 08/20/2001 | 105 | 187 | <0.58 | jdc | SW 8082 | |
| Aroclor 1248 | <0.58 | mg/kg dw | | | 08/20/2001 | 105 | 187 | <0.58 | jdc | SW 8082 | |
| Aroclor 1254 | <0.58 | mg/kg dw | | | 08/20/2001 | 105 | 187 | <0.58 | jdc | SW 8082 | |
| Aroclor 1260 | <0.58 | mg/kg dw | | | 08/20/2001 | 105 | 187 | <0.58 | jdc | SW 8082 | |
| Surrogate:TCX/DCB | 71/75 | % | | | 08/20/2001 | 105 | 187 | | jdc | SW 8082 | |
| TPH - FTIR Non-aq | <58 | mg/kg dw | | | 08/23/2001 | 594 | 626 | <58 | 110 | 418.1 | |
| 700080 | SBI002:HMW27S:S000015:412 | | | | | | | | | | DATE/TIME TAKEN 08/13/2001 10:25 |
| Dry Weight | 89.1 | % | | | 08/22/2001 | | 1482 | | mhg | SM 2540 G. | |
| ICP NONAQUEOUS | Complete | | | | 08/23/2001 | | 1245 | Complete | emd | SW 6010B | |
| Arsenic, ICP | 11 | mg/kg dw | | | 08/23/2001 | 907 | 2975 | <3.6 | emd | SW 6010B | |
| Barium, ICP | 77.3 | mg/kg dw | | | 08/23/2001 | 907 | 2906 | <0.73 | emd | SW 6010B | |
| Cadmium, ICP | <2.2 | mg/kg dw | | | 08/23/2001 | 907 | 2888 | <2.2 | emd | SW 6010B | |
| Chromium, ICP | 15.5 | mg/kg dw | | | 08/23/2001 | 907 | 2876 | <1.5 | emd | SW 6010B | |
| Lead, ICP | 132 | mg/kg dw | | | 08/23/2001 | 907 | 2877 | <2.9 | emd | SW 6010B | |

ANALYTICAL REPORT

Kevin Wildman
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6130 Wilcox Rd.
Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|--------------------------------|---------------------------|--------|------|------------|---------------|--------------|--------------|-----------------|----------------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 700080 | SBI002:HMW27S:S000015:412 | | | | | | | | | DATE/TIME TAKEN 08/13/2001 10:25 |
| Mercury, CVAA | 0.441 | mg/kg | dw | 08/24/2001 | 613 | 631 | <0.018 | epk | SW 7471A | |
| Selenium, ICP | <3.6 | mg/kg | dw | 08/23/2001 | 907 | 2955 | <3.6 | emd | SW 6010B | |
| Silver, ICP | <1.5 | mg/kg | dw | 08/23/2001 | 907 | 2908 | <1.5 | emd | SW 6010B | |
| ICP Digestion, Nonaqueous | Complete | | | 08/22/2001 | 907 | | Complete | mrt | SW 3050B | |
| Mercury Digestion, Non-Aq | Complete | | | 08/24/2001 | 613 | | Complete | clm | SW 7471A | |
| Prep, BNA Non-Aq | Complete | | | 08/16/2001 | 949 | | Complete | mlr | EPA 625; SW 3540C; SW 3545 | |
| Prep, TPH 418.1 Nonaq | COMPLETE | | | 08/23/2001 | 594 | | Complete | 110 | SW 9071 | |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | Complete | | | 08/17/2001 | | 1471 | | bmh | | |
| Acetone | <224 | ug/kg | dw | 08/17/2001 | | 1471 | <224 | bmh | SW 8260A | |
| Benzene | <11 | ug/kg | dw | 08/17/2001 | | 1471 | <11 | bmh | SW 8260A | |
| tert-Butylbenzene | <11 | ug/kg | dw | 08/17/2001 | | 1471 | <11 | bmh | SW 8260A | |
| sec-Butylbenzene | <11 | ug/kg | dw | 08/17/2001 | | 1471 | <11 | bmh | SW 8260A | |
| n-Butylbenzene | <11 | ug/kg | dw | 08/17/2001 | | 1471 | <11 | bmh | SW 8260A | |
| Bromochloromethane | <11 | ug/kg | dw | 08/17/2001 | | 1471 | <11 | bmh | SW 8260A | |
| Bromodichloromethane | <11 | ug/kg | dw | 08/17/2001 | | 1471 | <11 | bmh | SW 8260A | |
| Bromoform | <11 | ug/kg | dw | 08/17/2001 | | 1471 | <11 | bmh | SW 8260A | |
| Bromobenzene | <11 | ug/kg | dw | 08/17/2001 | | 1471 | <11 | bmh | SW 8260A | |
| 2-Butanone (MEK) | <112 | ug/kg | dw | 08/17/2001 | | 1471 | <112 | bmh | SW 8260A | |
| Carbon disulfide | <11 | ug/kg | dw | 08/17/2001 | | 1471 | <11 | bmh | SW 8260A | |
| Carbon tetrachloride | <11 | ug/kg | dw | 08/17/2001 | | 1471 | <11 | bmh | SW 8260A | |
| Chlorobenzene | <11 | ug/kg | dw | 08/17/2001 | | 1471 | <11 | bmh | SW 8260A | |
| Chloroethane | <22 | ug/kg | dw | 08/17/2001 | | 1471 | <22 | bmh | SW 8260A | |
| 2-Chlorotoluene | <11 | ug/kg | dw | 08/17/2001 | | 1471 | <11 | bmh | SW 8260A | |

ANALYTICAL REPORT

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6130 Wilcox Rd.
Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Analyst | Limit | Initials | Method Reference |
|------------|------------------------------|--------|------|----------|---------------|--------------|--------------|-------------------|-------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 700080 | SBI002:HMW27S:S000015:412 | | | | | | | | | | DATE/TIME TAKEN 08/13/2001 10:25 |
| | Isopropylbenzene (Cumene) | <11 | | ug/kg dw | 08/17/2001 | | 1471 | | <11 | bmh | SW 8260A |
| | p-Isopropyltoluene | <11 | | ug/kg dw | 08/17/2001 | | 1471 | | <11 | bmh | SW 8260A |
| | Bromomethane | <22 | | ug/kg dw | 08/17/2001 | | 1471 | | <22 | bmh | SW 8260A |
| | Methylene Chloride | <22 | | ug/kg dw | 08/17/2001 | | 1471 | | <22 | bmh | SW 8260A |
| | Methyl t-butyl ether (MTBE) | <11 | | ug/kg dw | 08/17/2001 | | 1471 | | <11 | bmh | SW 8260A |
| | 4-Methyl-2-pentanone (MIBK) | <112 | | ug/kg dw | 08/17/2001 | | 1471 | | <112 | bmh | SW 8260A |
| | n-Propylbenzene | <11 | | ug/kg dw | 08/17/2001 | | 1471 | | <11 | bmh | SW 8260A |
| | Styrene | <11 | | ug/kg dw | 08/17/2001 | | 1471 | | <11 | bmh | SW 8260A |
| | Naphthalene | <11 | | ug/kg dw | 08/17/2001 | | 1471 | | <11 | bmh | SW 8260A |
| | 1,1,1,2-Tetrachloroethane | <11 | | ug/kg dw | 08/17/2001 | | 1471 | | <11 | bmh | SW 8260A |
| | 1,1,2,2-Tetrachloroethane | <11 | | ug/kg dw | 08/17/2001 | | 1471 | | <11 | bmh | SW 8260A |
| | Tetrachloroethene | 14.7 | | ug/kg dw | 08/17/2001 | | 1471 | | <11 | bmh | SW 8260A |
| | Toluene | <11 | | ug/kg dw | 08/17/2001 | | 1471 | | <11 | bmh | SW 8260A |
| | 1,2,4-Trichlorobenzene | <11 | | ug/kg dw | 08/17/2001 | | 1471 | | <11 | bmh | SW 8260A |
| | 1,1,1-Trichloroethane | <11 | | ug/kg dw | 08/17/2001 | | 1471 | | <11 | bmh | SW 8260A |
| | 1,1,2-Trichloroethane | <11 | | ug/kg dw | 08/17/2001 | | 1471 | | <11 | bmh | SW 8260A |
| | Trichloroethene | <11 | | ug/kg dw | 08/17/2001 | | 1471 | | <11 | bmh | SW 8260A |
| | Trichlorofluoromethane | <11 | | ug/kg dw | 08/17/2001 | | 1471 | | <11 | bmh | SW 8260A |
| | 1,2,3-Trichloropropane | <11 | | ug/kg dw | 08/17/2001 | | 1471 | | <11 | bmh | SW 8260A |
| | 1,2,4-Trimethylbenzene | <11 | | ug/kg dw | 08/17/2001 | | 1471 | | <11 | bmh | SW 8260A |
| | 1,3,5-Trimethylbenzene | <11 | | ug/kg dw | 08/17/2001 | | 1471 | | <11 | bmh | SW 8260A |
| | Vinyl Acetate | <11 | | ug/kg dw | 08/17/2001 | | 1471 | | <11 | bmh | SW 8260A |
| | Vinyl Chloride | <4.5 | | ug/kg dw | 08/17/2001 | | 1471 | | <4.5 | bmh | SW 8260A |
| | Xylenes, Total | <11 | | ug/kg dw | 08/17/2001 | | 1471 | | <11 | bmh | SW 8260A |
| | d4-1,2-Dichloroethane (surr) | 99 | | % | 08/17/2001 | | 1471 | | | bmh | SW 8260A |

ANALYTICAL REPORT

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 6130 Wilcox Rd.
 Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-------------------------------|---------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 700080 | SBI002:HMW27S:S000015:412 | | | | | | | | | DATE/TIME TAKEN 08/13/2001 10:25 |
| Dibromofluoromethane (surr) | | 98 | | ‡ | 08/17/2001 | | 1471 | | bmh | SW 8260A |
| d8-Toluene (surr) | | 111 | | ‡ | 08/17/2001 | | 1471 | | bmh | SW 8260A |
| Bromofluorobenzene (surr) | | 114 | Note | ‡ | 08/17/2001 | | 1471 | | bmh | SW 8260A |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| Acenaphthene | | <370 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <370 | dmg | SW 8270C |
| Acenaphthylene | | <370 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <370 | dmg | SW 8270C |
| Anthracene | | 630 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <370 | dmg | SW 8270C |
| Benzo(a)anthracene | | 4,990 | | ug/kg dw | 08/24/2001 | 949 | 1468 | <3,700 | jcs | SW 8270C |
| Benzo(b)fluoranthene | | 9,290 | | ug/kg dw | 08/24/2001 | 949 | 1468 | <3,700 | jcs | SW 8270C |
| Benzo(k)fluoranthene | | 3,780 | | ug/kg dw | 08/24/2001 | 949 | 1468 | <3,700 | jcs | SW 8270C |
| Benzo(a)pyrene | | 5,970 | | ug/kg dw | 08/24/2001 | 949 | 1468 | <1,800 | jcs | SW 8270C |
| Benzyl alcohol | | <370 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <370 | dmg | SW 8270C |
| Benzyl butyl phthalate | | <370 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <370 | dmg | SW 8270C |
| Bis(2-chloroethyl)ether | | <370 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <370 | dmg | SW 8270C |
| Bis(2-chloroethoxy)methane | | <370 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <370 | dmg | SW 8270C |
| Bis(2-ethylhexyl)phthalate | | <370 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <370 | dmg | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <370 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <370 | dmg | SW 8270C |
| 4-Bromophenyl phenyl ether | | <370 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <370 | dmg | SW 8270C |
| 4-Chloroaniline | | <370 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <370 | dmg | SW 8270C |
| 2-Chloronaphthalene | | <370 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <370 | dmg | SW 8270C |
| Chrysene | | 6,550 | | ug/kg dw | 08/24/2001 | 949 | 1468 | <3,700 | jcs | SW 8270C |
| Dibenzo(a,h)anthracene | | 368 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <185 | dmg | SW 8270C |
| Dibenzofuran | | <370 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <370 | dmg | SW 8270C |
| 1,2-Dichlorobenzene | | <370 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <370 | dmg | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|-----------------------------|---------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 700080 | SBI002:HMW27S:S000015:412 | | | | | | | | | | 08/13/2001 10:25 |
| 1,3-Dichlorobenzene | | <370 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <370 | dmg | SW 8270C | |
| 1,4-Dichlorobenzene | | <370 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <370 | dmg | SW 8270C | |
| 3,3'-Dichlorobenzidine | | <741 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <741 | dmg | SW 8270C | |
| Diethyl phthalate | | <370 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <370 | dmg | SW 8270C | |
| Dimethyl phthalate | | <370 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <370 | dmg | SW 8270C | |
| 2,4-Dinitrotoluene | | <370 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <370 | dmg | SW 8270C | |
| 2,6-Dinitrotoluene | | <370 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <370 | dmg | SW 8270C | |
| Di-n-octylphthalate | | <370 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <370 | dmg | SW 8270C | |
| Fluoranthene | | 11,000 | | ug/kg dw | 08/24/2001 | 949 | 1468 | <3,700 | jcs | SW 8270C | |
| Fluorene | | <370 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <370 | dmg | SW 8270C | |
| Hexachlorobenzene | | <370 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <370 | dmg | SW 8270C | |
| Hexachloro-1,3-butadiene | | <370 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <370 | dmg | SW 8270C | |
| Hexachlorocyclopentadiene | | <741 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <741 | dmg | SW 8270C | |
| Hexachloroethane | | <370 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <370 | dmg | SW 8270C | |
| Indeno(1,2,3-cd)pyrene | | 1,170 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <370 | dmg | SW 8270C | |
| Isophorone | | <370 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <370 | dmg | SW 8270C | |
| Naphthalene | | <370 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <370 | dmg | SW 8270C | |
| Nitrobenzene | | <370 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <370 | dmg | SW 8270C | |
| N-Nitrosodi-n-propylamine | | <370 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <370 | dmg | SW 8270C | |
| Phenanthrene | | 6,000 | | ug/kg dw | 08/24/2001 | 949 | 1468 | <3,700 | jcs | SW 8270C | |
| Pyrene | | 10,500 | | ug/kg dw | 08/24/2001 | 949 | 1468 | <3,700 | jcs | SW 8270C | |
| 1,2,4-Trichlorobenzene | | <370 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <370 | dmg | SW 8270C | |
| Surrogate: d5-Nitrobenzene | | 93 | | % | 08/21/2001 | 949 | 1466 | | dmg | SW 8270C | |
| Surrogate: 2-Fluorobiphenyl | | 99 | | % | 08/21/2001 | 949 | 1466 | | dmg | SW 8270C | |
| Surrogate: d14-Terphenyl | | 101 | Note | % | 08/21/2001 | 949 | 1466 | | dmg | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------------------------|----------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 700080 | SBI002:HMW27S:S000015:412 | | | | | | | | | |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | |
| | Benzoic Acid | <1,850 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <1,850 | dmg | SW 8270C |
| | 4-Chloro-3-methylphenol | <370 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <370 | dmg | SW 8270C |
| | 2-Chlorophenol | <370 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <370 | dmg | SW 8270C |
| | 2,4-Dichlorophenol | <370 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <370 | dmg | SW 8270C |
| | 2,4-Dimethylphenol | <370 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <370 | dmg | SW 8270C |
| | 2-Methyl-4,6-dinitrophenol | <370 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <370 | dmg | SW 8270C |
| | 2-Methylphenol | <370 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <370 | dmg | SW 8270C |
| | meta & para-Methylphenol | <370 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <370 | dmg | SW 8270C |
| | 2-Nitrophenol | <370 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <370 | dmg | SW 8270C |
| | Pentachlorophenol | <370 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <370 | dmg | SW 8270C |
| | Phenol | <370 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <370 | dmg | SW 8270C |
| | 2,4,5-Trichlorophenol | <370 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <370 | dmg | SW 8270C |
| | 2,4,6-Trichlorophenol | <370 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <370 | dmg | SW 8270C |
| | Surrogate: d6-Phenol | 65 | | % | 08/21/2001 | 949 | 1466 | | dmg | SW 8270C |
| | Surrogate: 2-Fluorophenol | 51 | | % | 08/21/2001 | 949 | 1466 | | dmg | SW 8270C |
| | Surrogate: Tribromophenol | 61 | | % | 08/21/2001 | 949 | 1466 | | dmg | SW 8270C |
| | TPH - GRO (Non-Aqueous) | <6 | | mg/kg dw | 08/16/2001 | | 247 | <6 | meb | SW 8015M |
| | TPH - FTIR Non-aq | 110 | | mg/kg dw | 08/23/2001 | 594 | 626 | <56 | 110 | 418.1 |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|--------------------------------|---------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|------------------|----------------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 700081 | SBI002:HMW18S:S000010:412 | | | | | | | | | | 08/14/2001 07:53 |
| Wry Weight | 89.6 | | | g | 08/22/2001 | | 1482 | | | mg | SM 2540 G. |
| Prep, BNA Non-Aq | Complete | | | | 08/16/2001 | 949 | | Complete | | mlr | EPA 625; SW 3540C; SW 3545 |
| Prep, TPH 418.1 Nonaq | COMPLETE | | | | 08/23/2001 | 594 | | Complete | | 110 | SW 9071 |
| Prep, TPH DRO Nonaq | Complete | | | | 08/16/2001 | 197 | | Complete | | mlr | |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | Complete | | | | 08/16/2001 | | 1468 | Complete | | bmh | |
| Acetone | <11.2 | | | ug/kg dw | 08/16/2001 | | 1468 | <11.2 | | bmh | SW 8260A |
| Benzene | <5.6 | | | ug/kg dw | 08/16/2001 | | 1468 | <5.6 | | bmh | SW 8260A |
| tert-Butylbenzene | <5.6 | | | ug/kg dw | 08/16/2001 | | 1468 | <5.6 | | bmh | SW 8260A |
| sec-Butylbenzene | <5.6 | | | ug/kg dw | 08/16/2001 | | 1468 | <5.6 | | bmh | SW 8260A |
| n-Butylbenzene | <5.6 | | | ug/kg dw | 08/16/2001 | | 1468 | <5.6 | | bmh | SW 8260A |
| Bromochloromethane | <5.6 | | | ug/kg dw | 08/16/2001 | | 1468 | <5.6 | | bmh | SW 8260A |
| Bromodichloromethane | <5.6 | | | ug/kg dw | 08/16/2001 | | 1468 | <5.6 | | bmh | SW 8260A |
| Bromoform | <5.6 | | | ug/kg dw | 08/16/2001 | | 1468 | <5.6 | | bmh | SW 8260A |
| Bromobenzene | <5.6 | | | ug/kg dw | 08/16/2001 | | 1468 | <5.6 | | bmh | SW 8260A |
| 2-Butanone (MEK) | <5.6 | | | ug/kg dw | 08/16/2001 | | 1468 | <5.6 | | bmh | SW 8260A |
| Carbon disulfide | <5.6 | | | ug/kg dw | 08/16/2001 | | 1468 | <5.6 | | bmh | SW 8260A |
| Carbon tetrachloride | <5.6 | | | ug/kg dw | 08/16/2001 | | 1468 | <5.6 | | bmh | SW 8260A |
| Chlorobenzene | <5.6 | | | ug/kg dw | 08/16/2001 | | 1468 | <5.6 | | bmh | SW 8260A |
| Chloroethane | <11.2 | | | ug/kg dw | 08/16/2001 | | 1468 | <11.2 | | bmh | SW 8260A |
| 2-Chlorotoluene | <5.6 | | | ug/kg dw | 08/16/2001 | | 1468 | <5.6 | | bmh | SW 8260A |
| 4-Chlorotoluene | <5.6 | | | ug/kg dw | 08/16/2001 | | 1468 | <5.6 | | bmh | SW 8260A |
| Chloroform | <5.6 | | | ug/kg dw | 08/16/2001 | | 1468 | <5.6 | | bmh | SW 8260A |
| Chloromethane | <11.2 | | | ug/kg dw | 08/16/2001 | | 1468 | <11.2 | | bmh | SW 8260A |

ANALYTICAL REPORT

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 6130 Wilcox Rd.
 Dublin, OH 43016

08/29/2001

Job Number: 01.14706

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| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|-------------------------------|-------------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 700081 | SBI002:HMW18S:S000010:412 | | | | | | | | | | 08/14/2001 07:53 |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | | |
| | Acenaphthene | <368 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <368 | dmg | SW 8270C | |
| | Acenaphthylene | <368 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <368 | dmg | SW 8270C | |
| | Anthracene | 1,670 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <368 | dmg | SW 8270C | |
| | Benzo (a) anthracene | 5,510 | | ug/kg dw | 08/24/2001 | 949 | 1468 | <3,680 | jcs | SW 8270C | |
| | Benzo (b) fluoranthene | 7,920 | | ug/kg dw | 08/24/2001 | 949 | 1468 | <3,680 | jcs | SW 8270C | |
| | Benzo (k) fluoranthene | 3,110 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <368 | dmg | SW 8270C | |
| | Benzo (a) pyrene | 5,260 | | ug/kg dw | 08/24/2001 | 949 | 1468 | <1,790 | jcs | SW 8270C | |
| | Benzyl alcohol | <368 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <368 | dmg | SW 8270C | |
| | Benzyl butyl phthalate | <368 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <368 | dmg | SW 8270C | |
| | Bis (2-chloroethyl) ether | <368 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <368 | dmg | SW 8270C | |
| | Bis (2-chloroethoxy) methane | <368 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <368 | dmg | SW 8270C | |
| | Bis (2-ethylhexyl) phthalate | <368 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <368 | dmg | SW 8270C | |
| | 2,2'-oxybis (1-Chloropropane) | <368 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <368 | dmg | SW 8270C | |
| | 4-Bromophenyl phenyl ether | <368 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <368 | dmg | SW 8270C | |
| | 4-Chloroaniline | <368 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <368 | dmg | SW 8270C | |
| | 2-Chloronaphthalene | <368 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <368 | dmg | SW 8270C | |
| | Chrysene | 5,280 | | ug/kg dw | 08/24/2001 | 949 | 1468 | <3,680 | jcs | SW 8270C | |
| | Dibenzo (a,h) anthracene | <184 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <184 | dmg | SW 8270C | |
| | Dibenzofuran | <368 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <368 | dmg | SW 8270C | |
| | 1,2-Dichlorobenzene | <368 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <368 | dmg | SW 8270C | |
| | 1,3-Dichlorobenzene | <368 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <368 | dmg | SW 8270C | |
| | 1,4-Dichlorobenzene | <368 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <368 | dmg | SW 8270C | |
| | 3,3'-Dichlorobenzidine | <737 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <737 | dmg | SW 8270C | |
| | Diethyl phthalate | <368 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <368 | dmg | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|----------------------------|---------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 700081 | SBI002:HMW18S:S000010:412 | | | | | | | | | DATE/TIME TAKEN 08/14/2001 07:53 |
| 2-Chlorophenol | | <368 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <368 | dmg | SW 8270C |
| 2,4-Dichlorophenol | | <368 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <368 | dmg | SW 8270C |
| 2,4-Dimethylphenol | | <368 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <368 | dmg | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | | <368 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <368 | dmg | SW 8270C |
| 2-Methylphenol | | <368 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <368 | dmg | SW 8270C |
| meta & para-Methylphenol | | <368 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <368 | dmg | SW 8270C |
| 2-Nitrophenol | | <368 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <368 | dmg | SW 8270C |
| Pentachlorophenol | | <368 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <368 | dmg | SW 8270C |
| Phenol | | <368 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <368 | dmg | SW 8270C |
| 2,4,5-Trichlorophenol | | <368 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <368 | dmg | SW 8270C |
| 2,4,6-Trichlorophenol | | <368 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <368 | dmg | SW 8270C |
| Surrogate: d6-Phenol | | 86 | | % | 08/21/2001 | 949 | 1466 | | dmg | SW 8270C |
| Surrogate: 2-Fluorophenol | | 77 | | % | 08/21/2001 | 949 | 1466 | | dmg | SW 8270C |
| Surrogate: Tribromophenol | | 88 | | % | 08/21/2001 | 949 | 1466 | | dmg | SW 8270C |
| TPH - DRO Non-Aqueous | | 528 | | mg/kg dw | 08/18/2001 | 197 | 283 | <11 | meb | SW 8015M |
| TPH - FTIR Non-aq | | 395 | | mg/kg dw | 08/23/2001 | 594 | 626 | <56 | 110 | 418.1 |

ANALYTICAL REPORT

Kevin Wildman
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 6130 Wilcox Rd.
 Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|----------|------------|-------|-------|-----------|----------|------------------|------------------|
| | | | | | Analyzed | Batch | Batch | | Initials | | |
| 700082 | SBI002:HMW18S:S230250:412 | | | | | | | | | | 08/14/2001 09:25 |
| | Dibromochloromethane | <5.2 | | ug/kg dw | 08/16/2001 | | 1468 | <5.2 | bmh | SW 8260A | |
| | Dibromomethane | <5.2 | | ug/kg dw | 08/16/2001 | | 1468 | <5.2 | bmh | SW 8260A | |
| | Dichlorodifluoromethane | <5.2 | | ug/kg dw | 08/16/2001 | | 1468 | <5.2 | bmh | SW 8260A | |
| | 1,2-Dibromo-3-chloropropane | <5.2 | | ug/kg dw | 08/16/2001 | | 1468 | <5.2 | bmh | SW 8260A | |
| | 1,2-Dichlorobenzene | <5.2 | | ug/kg dw | 08/16/2001 | | 1468 | <5.2 | bmh | SW 8260A | |
| | 1,3-Dichlorobenzene | <5.2 | | ug/kg dw | 08/16/2001 | | 1468 | <5.2 | bmh | SW 8260A | |
| | 1,4-Dichlorobenzene | <5.2 | | ug/kg dw | 08/16/2001 | | 1468 | <5.2 | bmh | SW 8260A | |
| | 1,1-Dichloroethane | <5.2 | | ug/kg dw | 08/16/2001 | | 1468 | <5.2 | bmh | SW 8260A | |
| | 1,2-Dichloroethane | <5.2 | | ug/kg dw | 08/16/2001 | | 1468 | <5.2 | bmh | SW 8260A | |
| | 1,1-Dichloroethene | <5.2 | | ug/kg dw | 08/16/2001 | | 1468 | <5.2 | bmh | SW 8260A | |
| | cis-1,2-Dichloroethene | <5.2 | | ug/kg dw | 08/16/2001 | | 1468 | <5.2 | bmh | SW 8260A | |
| | trans-1,2-Dichloroethene | <5.2 | | ug/kg dw | 08/16/2001 | | 1468 | <5.2 | bmh | SW 8260A | |
| | 1,2-Dichloropropane | <5.2 | | ug/kg dw | 08/16/2001 | | 1468 | <5.2 | bmh | SW 8260A | |
| | 1,3-Dichloropropane | <5.2 | | ug/kg dw | 08/16/2001 | | 1468 | <5.2 | bmh | SW 8260A | |
| | 2,2-Dichloropropane | <5.2 | | ug/kg dw | 08/16/2001 | | 1468 | <5.2 | bmh | SW 8260A | |
| | 1,1-Dichloropropene | <5.2 | | ug/kg dw | 08/16/2001 | | 1468 | <5.2 | bmh | SW 8260A | |
| | cis-1,3-Dichloropropene | <5.2 | | ug/kg dw | 08/16/2001 | | 1468 | <5.2 | bmh | SW 8260A | |
| | trans-1,3-Dichloropropene | <5.2 | | ug/kg dw | 08/16/2001 | | 1468 | <5.2 | bmh | SW 8260A | |
| | Ethylbenzene | <5.2 | | ug/kg dw | 08/16/2001 | | 1468 | <5.2 | bmh | SW 8260A | |
| | Hexachlorobutadiene | <5.2 | | ug/kg dw | 08/16/2001 | | 1468 | <5.2 | bmh | SW 8260A | |
| | n-Hexane | <21.0 | | ug/kg dw | 08/16/2001 | | 1468 | <21.0 | bmh | SW 8260A | |
| | 2-Hexanone | <52.4 | | ug/kg dw | 08/16/2001 | | 1468 | <52.4 | bmh | SW 8260A | |
| | Isopropylbenzene (Cumene) | <5.2 | | ug/kg dw | 08/16/2001 | | 1468 | <5.2 | bmh | SW 8260A | |
| | p-Isopropyltoluene | <5.2 | | ug/kg dw | 08/16/2001 | | 1468 | <5.2 | bmh | SW 8260A | |
| | Bromomethane | <10.5 | | ug/kg dw | 08/16/2001 | | 1468 | <10.5 | bmh | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|------------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 700082 | SBI002:HMW18S:S230250:412 | | | | | | | | | DATE/TIME TAKEN 08/14/2001 09:25 |
| | Ethylene Chloride | <10.5 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <10.5 | bmh | SW 8260A |
| | Methyl t-butyl ether (MTBE) | <5.2 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.2 | bmh | SW 8260A |
| | 4-Methyl-2-pentanone (MIBK) | <52.4 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <52.4 | bmh | SW 8260A |
| | n-Propylbenzene | <5.2 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.2 | bmh | SW 8260A |
| | Styrene | <5.2 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.2 | bmh | SW 8260A |
| | Naphthalene | <5.2 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.2 | bmh | SW 8260A |
| | 1,1,1,2-Tetrachloroethane | <5.2 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.2 | bmh | SW 8260A |
| | 1,1,2,2-Tetrachloroethane | <5.2 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.2 | bmh | SW 8260A |
| | Tetrachloroethene | 9.7 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.2 | bmh | SW 8260A |
| | Toluene | <5.2 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.2 | bmh | SW 8260A |
| | 1,2,4-Trichlorobenzene | <5.2 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.2 | bmh | SW 8260A |
| | 1,1,1-Trichloroethane | <5.2 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.2 | bmh | SW 8260A |
| | 1,1,2-Trichloroethane | <5.2 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.2 | bmh | SW 8260A |
| | Trichloroethene | <5.2 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.2 | bmh | SW 8260A |
| | Trichlorofluoromethane | <5.2 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.2 | bmh | SW 8260A |
| | 1,2,3-Trichloropropane | <5.2 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.2 | bmh | SW 8260A |
| | 1,2,4-Trimethylbenzene | <5.2 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.2 | bmh | SW 8260A |
| | 1,3,5-Trimethylbenzene | <5.2 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.2 | bmh | SW 8260A |
| | Vinyl Acetate | <5.2 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.2 | bmh | SW 8260A |
| | Vinyl Chloride | <2.1 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <2.1 | bmh | SW 8260A |
| | Xylenes, Total | <5.2 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.2 | bmh | SW 8260A |
| | d4-1,2-Dichloroethane (surr) | 90 | | % | 08/16/2001 | 1468 | 1468 | | bmh | SW 8260A |
| | Dibromofluoromethane (surr) | 92 | | % | 08/16/2001 | 1468 | 1468 | | bmh | SW 8260A |
| | d8-Toluene (surr) | 95 | | % | 08/16/2001 | 1468 | 1468 | | bmh | SW 8260A |
| | Bromofluorobenzene (surr) | 92 | | % | 08/16/2001 | 1468 | 1468 | | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Analyst | Initials | Method Reference |
|-------------------------------|------------------------------|--------|------|----------|---------------|--------------|--------------|-------------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 700082 | SBI002:HMW18S:S230250:412 | | | | | | | | | DATE/TIME TAKEN 08/14/2001 09:25 |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| | Acenaphthene | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C |
| | Acenaphthylene | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C |
| | Anthracene | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C |
| | Benzo(a)anthracene | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C |
| | Benzo(b)fluoranthene | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C |
| | Benzo(k)fluoranthene | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C |
| | Benzo(a)pyrene | <173 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <173 | dmg | SW 8270C |
| | Benzyl alcohol | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C |
| | Benzyl butyl phthalate | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C |
| | Bis(2-chloroethyl)ether | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C |
| | Bis(2-chloroethoxy)methane | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C |
| | Bis(2-ethylhexyl)phthalate | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C |
| | 2,2'-oxybis(1-Chloropropane) | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C |
| | 4-Bromophenyl phenyl ether | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C |
| | 4-Chloroaniline | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C |
| | 2-Chloronaphthalene | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C |
| | Chrysene | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C |
| | Dibenzo(a,h)anthracene | <173 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <173 | dmg | SW 8270C |
| | Dibenzofuran | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C |
| | 1,2-Dichlorobenzene | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C |
| | 1,3-Dichlorobenzene | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C |
| | 1,4-Dichlorobenzene | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C |
| | 3,3'-Dichlorobenzidine | <692 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <692 | dmg | SW 8270C |
| | Diethyl phthalate | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------------------------|-----------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 700082 | SBI002:HMW18S:S230250:412 | | | | | | | | | DATE/TIME TAKEN 08/14/2001 09:25 |
| | Dimethyl phthalate | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C |
| | 2,4-Dinitrotoluene | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C |
| | 2,6-Dinitrotoluene | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C |
| | Di-n-octylphthalate | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C |
| | Fluoranthene | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C |
| | Fluorene | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C |
| | Hexachlorobenzene | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C |
| | Hexachloro-1,3-butadiene | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C |
| | Hexachlorocyclopentadiene | <692 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <692 | dmg | SW 8270C |
| | Hexachloroethane | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C |
| | Indeno(1,2,3-cd)pyrene | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C |
| | Isophorone | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C |
| | Naphthalene | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C |
| | Nitrobenzene | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C |
| | N-Nitrosodi-n-propylamine | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C |
| | Phenanthrene | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C |
| | Pyrene | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C |
| | 1,2,4-Trichlorobenzene | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C |
| | Surrogate: d5-Nitrobenzene | 88 | | % | 08/20/2001 | 949 | 1465 | | dmg | SW 8270C |
| | Surrogate: 2-Fluorobiphenyl | 93 | | % | 08/20/2001 | 949 | 1465 | | dmg | SW 8270C |
| | Surrogate: d14-Terphenyl | 101 | | % | 08/20/2001 | 949 | 1465 | | dmg | SW 8270C |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | |
| | Benzoic Acid | <1,730 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <1,730 | dmg | SW 8270C |
| | 4-Chloro-3-methylphenol | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|----------------------------|---------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 700082 | SBI002:HMW18S:S230250:412 | | | | | | | | | | 08/14/2001 09:25 |
| 2-Chlorophenol | | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C | |
| 2,4-Dichlorophenol | | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C | |
| 2,4-Dimethylphenol | | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C | |
| 2-Methyl-4,6-dinitrophenol | | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C | |
| 2-Methylphenol | | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C | |
| meta & para-Methylphenol | | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C | |
| 2-Nitrophenol | | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C | |
| Pentachlorophenol | | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C | |
| Phenol | | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C | |
| 2,4,5-Trichlorophenol | | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C | |
| 2,4,6-Trichlorophenol | | <346 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <346 | dmg | SW 8270C | |
| Surrogate: d6-Phenol | | 37 | | % | 08/20/2001 | 949 | 1465 | | dmg | SW 8270C | |
| Surrogate: 2-Fluorophenol | | 20 | Note | % | 08/20/2001 | 949 | 1465 | | dmg | SW 8270C | |
| Surrogate: Tribromophenol | | 54 | | % | 08/20/2001 | 949 | 1465 | | dmg | SW 8270C | |
| TPH - DRO Non-Aqueous | | 11.8 | | mg/kg dw | 08/17/2001 | 197 | 283 | <10 | meb | SW 8015M | |
| TPH - FTIR Non-aq | | <52 | | mg/kg dw | 08/23/2001 | 594 | 626 | <52 | 110 | 418.1 | |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Analyst | Initials | Method Reference |
|------------|-----------------------------|--------|------|----------|---------------|--------------|--------------|-------------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 700083 | SBI002:HMW34S:S000010:412 | | | | | | | | | DATE/TIME TAKEN 08/14/2001 11:36 |
| | Dibromochloromethane | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | Dibromomethane | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | Dichlorodifluoromethane | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | 1,2-Dibromo-3-chloropropane | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | 1,2-Dichlorobenzene | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | 1,3-Dichlorobenzene | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | 1,4-Dichlorobenzene | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | 1,1-Dichloroethane | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | 1,2-Dichloroethane | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | 1,1-Dichloroethene | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | cis-1,2-Dichloroethene | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | trans-1,2-Dichloroethene | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | 1,2-Dichloropropane | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | 1,3-Dichloropropane | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | 2,2-Dichloropropane | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | 1,1-Dichloropropene | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | cis-1,3-Dichloropropene | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | trans-1,3-Dichloropropene | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | Ethylbenzene | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | Hexachlorobutadiene | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | n-Hexane | <21.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <21.3 | bmh | SW 8260A |
| | 2-Hexanone | <53.1 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <53.1 | bmh | SW 8260A |
| | Isopropylbenzene (Cumene) | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | p-Isopropyltoluene | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | Bromomethane | <10.6 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <10.6 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting | Analyst | Method Reference |
|------------|------------------------------|--------|------|----------|---------------|--------------|--------------|-----------|---------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 700083 | SBI002:HMW34S:S000010:412 | | | | | | | | | DATE/TIME TAKEN 08/14/2001 11:36 |
| | Chylene Chloride | <10.6 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <10.6 | bmh | SW 8260A |
| | Methyl t-butyl ether (MTBE) | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | 4-Methyl-2-pentanone (MIBK) | <53.1 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <53.1 | bmh | SW 8260A |
| | n-Propylbenzene | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | Styrene | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | Naphthalene | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | 1,1,1,2-Tetrachloroethane | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | 1,1,2,2-Tetrachloroethane | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | Tetrachloroethene | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | Toluene | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | 1,2,4-Trichlorobenzene | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | 1,1,1-Trichloroethane | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | 1,1,2-Trichloroethane | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | Trichloroethene | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | Trichlorofluoromethane | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | 1,2,3-Trichloropropane | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | 1,2,4-Trimethylbenzene | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | 1,3,5-Trimethylbenzene | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | Vinyl Acetate | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | Vinyl Chloride | <2.1 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <2.1 | bmh | SW 8260A |
| | Xylenes, Total | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | d4-1,2-Dichloroethane (surr) | 89 | | % | 08/16/2001 | 1468 | 1468 | | bmh | SW 8260A |
| | Dibromofluoromethane (surr) | 84 | | % | 08/16/2001 | 1468 | 1468 | | bmh | SW 8260A |
| | d8-Toluene (surr) | 95 | | % | 08/16/2001 | 1468 | 1468 | | bmh | SW 8260A |
| | Bromofluorobenzene (surr) | 94 | | % | 08/16/2001 | 1468 | 1468 | | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|-------------------------------|------------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 700083 | SBI002:HMW34S:S000010:412 | | | | | | | | | | 08/14/2001 11:36 |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | | |
| | Acenaphthene | <351 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C | |
| | Acenaphthylene | <351 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C | |
| | Anthracene | <351 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C | |
| | Benzo(a)anthracene | 353 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C | |
| | Benzo(b)fluoranthene | 494 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C | |
| | Benzo(k)fluoranthene | <351 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C | |
| | Benzo(a)pyrene | 340 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <175 | dmg | SW 8270C | |
| | Benzyl alcohol | <351 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C | |
| | Benzyl butyl phthalate | <351 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C | |
| | Bis(2-chloroethyl)ether | <351 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C | |
| | Bis(2-chloroethoxy)methane | <351 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C | |
| | Bis(2-ethylhexyl)phthalate | <351 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C | |
| | 2,2'-oxybis(1-Chloropropane) | <351 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C | |
| | 4-Bromophenyl phenyl ether | <351 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C | |
| | 4-Chloroaniline | <351 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C | |
| | 2-Chloronaphthalene | <351 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C | |
| | Chrysene | 408 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C | |
| | Dibenzo(a,h)anthracene | <175 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <175 | dmg | SW 8270C | |
| | Dibenzofuran | <351 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C | |
| | 1,2-Dichlorobenzene | <351 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C | |
| | 1,3-Dichlorobenzene | <351 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C | |
| | 1,4-Dichlorobenzene | <351 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C | |
| | 3,3'-Dichlorobenzidine | <701 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <701 | dmg | SW 8270C | |
| | Diethyl phthalate | <351 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------------------------|-----------------------------|--------|------|----------|------------|-------|-------|-----------|---------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | | Limit | |
| 700083 | SBI002:HMW34S:S000010:412 | | | | | | | | | DATE/TIME TAKEN 08/14/2001 11:36 |
| | Dimethyl phthalate | <351 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C |
| | 2,4-Dinitrotoluene | <351 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C |
| | 2,6-Dinitrotoluene | <351 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C |
| | Di-n-octylphthalate | <351 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C |
| | Fluoranthene | <351 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C |
| | Fluorene | <351 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C |
| | Hexachlorobenzene | <351 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C |
| | Hexachloro-1,3-butadiene | <351 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C |
| | Hexachlorocyclopentadiene | <701 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <701 | dmg | SW 8270C |
| | Hexachloroethane | <351 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C |
| | Indeno(1,2,3-cd)pyrene | <351 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C |
| | Isophorone | <351 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C |
| | Naphthalene | <351 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C |
| | Nitrobenzene | <351 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C |
| | N-Nitrosodi-n-propylamine | <351 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C |
| | Phenanthrene | 458 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C |
| | Pyrene | 704 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C |
| | 1,2,4-Trichlorobenzene | <351 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C |
| | Surrogate: d5-Nitrobenzene | 87 | | % | 08/21/2001 | 949 | 1466 | | dmg | SW 8270C |
| | Surrogate: 2-Fluorobiphenyl | 97 | | % | 08/21/2001 | 949 | 1466 | | dmg | SW 8270C |
| | Surrogate: d14-Terphenyl | 96 | | % | 08/21/2001 | 949 | 1466 | | dmg | SW 8270C |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | |
| | Benzoic Acid | <1,750 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <1,750 | dmg | SW 8270C |
| | 4-Chloro-3-methylphenol | <351 | | ug/kg dw | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C |

ANALYTICAL REPORT

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 6130 Wilcox Rd.
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08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|----------------------------|---------------------------|----------|------|-------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 700083 | SBI002:HMW34S:S000010:412 | | | | | | | | | DATE/TIME TAKEN 08/14/2001 11:36 |
| 2-Chlorophenol | <351 | ug/kg dw | | | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C |
| 2,4-Dichlorophenol | <351 | ug/kg dw | | | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C |
| 2,4-Dimethylphenol | <351 | ug/kg dw | | | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | <351 | ug/kg dw | | | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C |
| 2-Methylphenol | <351 | ug/kg dw | | | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C |
| meta & para-Methylphenol | <351 | ug/kg dw | | | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C |
| 2-Nitrophenol | <351 | ug/kg dw | | | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C |
| Pentachlorophenol | <351 | ug/kg dw | | | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C |
| Phenol | <351 | ug/kg dw | | | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C |
| 2,4,5-Trichlorophenol | <351 | ug/kg dw | | | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C |
| 2,4,6-Trichlorophenol | <351 | ug/kg dw | | | 08/21/2001 | 949 | 1466 | <351 | dmg | SW 8270C |
| Surrogate: d6-Phenol | 73 | ‡ | | | 08/21/2001 | 949 | 1466 | | dmg | SW 8270C |
| Surrogate: 2-Fluorophenol | 50 | ‡ | | | 08/21/2001 | 949 | 1466 | | dmg | SW 8270C |
| Surrogate: Tribromophenol | 25 | ‡ | | | 08/21/2001 | 949 | 1466 | | dmg | SW 8270C |
| TPH - DRO Non-Aqueous | 30.4 | mg/kg dw | | | 08/17/2001 | 197 | 283 | <11 | meb | SW 8015M |
| TPH - FTIR Non-aq | <53 | mg/kg dw | | | 08/23/2001 | 594 | 626 | <53 | 110 | 418.1 |

ANALYTICAL REPORT

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 6130 Wilcox Rd.
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08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|--------------------------------|----------------------------|----------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 700084 | SBI002:HMW-12D:S000020:505 | | | | | | | | | DATE/TIME TAKEN 08/13/2001 11:00 |
| | | 91.6 | | % | 08/23/2001 | | 1483 | | mhg | SM 2540 G. |
| | ICP NONAQUEOUS | Complete | | | 08/23/2001 | | 1245 | Complete | emd | SW 6010B |
| | Arsenic, ICP | 4.9 | | mg/kg dw | 08/23/2001 | 907 | 2975 | <3.5 | emd | SW 6010B |
| | Barium, ICP | 58.0 | | mg/kg dw | 08/23/2001 | 907 | 2906 | <0.70 | emd | SW 6010B |
| | Cadmium, ICP | <1.0 | | mg/kg dw | 08/23/2001 | 907 | 2888 | <1.0 | emd | SW 6010B |
| | Chromium, ICP | 8.4 | | mg/kg dw | 08/23/2001 | 907 | 2876 | <1.4 | emd | SW 6010B |
| | Lead, ICP | 58.0 | | mg/kg dw | 08/23/2001 | 907 | 2877 | <2.8 | emd | SW 6010B |
| | Mercury, CVAA | 0.11 | | mg/kg dw | 08/24/2001 | 613 | 631 | <0.009 | epk | SW 7471A |
| | Selenium, ICP | <3.5 | | mg/kg dw | 08/23/2001 | 907 | 2955 | <3.5 | emd | SW 6010B |
| | Silver, ICP | <1.4 | | mg/kg dw | 08/23/2001 | 907 | 2908 | <1.4 | emd | SW 6010B |
| | ICP Digestion, Nonaqueous | Complete | | | 08/22/2001 | 907 | | Complete | mrt | SW 3050B |
| | Mercury Digestion, Non-Aq | Complete | | | 08/24/2001 | 613 | | Complete | clm | SW 7471A |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| | 8260 - SW846 (Non-aq) | Complete | | | 08/16/2001 | | 1468 | Complete | bmh | |
| | Acetone | <109 | | ug/kg dw | 08/16/2001 | | 1468 | <109 | bmh | SW 8260A |
| | Benzene | <5.5 | msr | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A |
| | tert-Butylbenzene | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A |
| | sec-Butylbenzene | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A |
| | n-Butylbenzene | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A |
| | Bromochloromethane | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A |
| | Bromodichloromethane | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A |
| | Bromoform | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A |
| | Bromobenzene | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A |
| | 2-Butanone (MEK) | <55 | | ug/kg dw | 08/16/2001 | | 1468 | <55 | bmh | SW 8260A |

ANALYTICAL REPORT

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6130 Wilcox Rd.
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08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|----------------------------|--------|------|----------|------------|-------|-------|-----------|---------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | | Number | |
| 700084 | SBI002:HMW-12D:S000020:505 | | | | | | | | | DATE/TIME TAKEN 08/13/2001 11:00 |
| Carbon disulfide | | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A |
| Carbon tetrachloride | | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A |
| Chlorobenzene | | <5.5 | ss | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A |
| Chloroethane | | <10.9 | | ug/kg dw | 08/16/2001 | | 1468 | <10.9 | bmh | SW 8260A |
| 2-Chlorotoluene | | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A |
| 4-Chlorotoluene | | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A |
| Chloroform | | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A |
| Chloromethane | | <10.9 | | ug/kg dw | 08/16/2001 | | 1468 | <10.9 | bmh | SW 8260A |
| Dibromochloromethane | | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A |
| Dibromomethane | | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A |
| Dichlorodifluoromethane | | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A |
| 1,2-Dibromo-3-chloropropane | | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A |
| 1,2-Dichlorobenzene | | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A |
| 1,3-Dichlorobenzene | | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A |
| 1,4-Dichlorobenzene | | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A |
| 1,1-Dichloroethane | | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A |
| 1,2-Dichloroethane | | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A |
| 1,1-Dichloroethene | | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A |
| cis-1,2-Dichloroethene | | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A |
| trans-1,2-Dichloroethene | | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A |
| 1,2-Dichloropropane | | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A |
| 1,3-Dichloropropane | | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A |
| 2,2-Dichloropropane | | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A |
| 1,1-Dichloropropene | | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A |
| cis-1,3-Dichloropropene | | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 700084 | SBI002:HMW-12D:S000020:505 | | | | | | | | | | 08/13/2001 11:00 |
| | trans-1,3-Dichloropropene | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A | |
| | Ethylbenzene | <5.5 | ss | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A | |
| | Hexachlorobutadiene | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A | |
| | n-Hexane | <21.8 | | ug/kg dw | 08/16/2001 | | 1468 | <21.8 | bmh | SW 8260A | |
| | 2-Hexanone | <54.6 | | ug/kg dw | 08/16/2001 | | 1468 | <54.6 | bmh | SW 8260A | |
| | Isopropylbenzene (Cumene) | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A | |
| | p-Isopropyltoluene | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A | |
| | Bromomethane | <10.9 | | ug/kg dw | 08/16/2001 | | 1468 | <10.9 | bmh | SW 8260A | |
| | Methylene Chloride | <10.9 | | ug/kg dw | 08/16/2001 | | 1468 | <10.9 | bmh | SW 8260A | |
| | Methyl t-butyl ether (MTBE) | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A | |
| | 4-Methyl-2-pentanone (MIBK) | <54.6 | | ug/kg dw | 08/16/2001 | | 1468 | <54.6 | bmh | SW 8260A | |
| | n-Propylbenzene | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A | |
| | Styrene | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A | |
| | Naphthalene | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A | |
| | 1,1,1,2-Tetrachloroethane | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A | |
| | 1,1,2,2-Tetrachloroethane | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A | |
| | Tetrachloroethene | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A | |
| | Toluene | <5.5 | ms | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A | |
| | 1,2,4-Trichlorobenzene | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A | |
| | 1,1,1-Trichloroethane | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A | |
| | 1,1,2-Trichloroethane | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A | |
| | Trichloroethene | <5.5 | msr | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A | |
| | Trichlorofluoromethane | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A | |
| | 1,2,3-Trichloropropane | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A | |
| | 1,2,4-Trimethylbenzene | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
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 6130 Wilcox Rd.
 Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|------------------------------|----------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 700084 | SBI002:HMW-12D:S000020:505 | | | | | | | | | DATE/TIME TAKEN 08/13/2001 11:00 |
| | 1,3,5-Trimethylbenzene | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A |
| | Vinyl Acetate | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A |
| | Vinyl Chloride | <2.2 | | ug/kg dw | 08/16/2001 | | 1468 | <2.2 | bmh | SW 8260A |
| | Xylenes, Total | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A |
| | d4-1,2-Dichloroethane (surr) | 88 | | % | 08/16/2001 | | 1468 | | bmh | SW 8260A |
| | Dibromofluoromethane (surr) | 91 | | % | 08/16/2001 | | 1468 | | bmh | SW 8260A |
| | d8-Toluene (surr) | 96 | | % | 08/16/2001 | | 1468 | | bmh | SW 8260A |
| | Bromofluorobenzene (surr) | 94 | | % | 08/16/2001 | | 1468 | | bmh | SW 8260A |
| 700085 | SBI002:HMW-11D:S020040:505 | | | | | | | | | DATE/TIME TAKEN 08/14/2001 08:00 |
| | Dry Weight | 93.1 | | % | 08/23/2001 | | 1483 | | mhg | SM 2540 G. |
| | ICP NONAQUEOUS | Complete | | | 08/24/2001 | | 1249 | Complete | emd | SW 6010B |
| | Arsenic, ICP | <14 | | mg/kg dw | 08/24/2001 | 907 | 2980 | <14 | emd | SW 6010B |
| | Barium, ICP | 99.5 | | mg/kg dw | 08/23/2001 | 907 | 2906 | <1.4 | emd | SW 6010B |
| | Cadmium, ICP | <2.1 | | mg/kg dw | 08/23/2001 | 907 | 2888 | <2.1 | emd | SW 6010B |
| | Chromium, ICP | 11.4 | | mg/kg dw | 08/23/2001 | 907 | 2876 | <2.8 | emd | SW 6010B |
| | Lead, ICP | 177 | | mg/kg dw | 08/23/2001 | 907 | 2877 | <5.6 | emd | SW 6010B |
| | Mercury, CVAA | 0.159 | | mg/kg dw | 08/24/2001 | 613 | 631 | <0.009 | epk | SW 7471A |
| | Selenium, ICP | <7.0 | | mg/kg dw | 08/23/2001 | 907 | 2955 | <7.0 | emd | SW 6010B |
| | Silver, ICP | <2.8 | | mg/kg dw | 08/23/2001 | 907 | 2908 | <2.8 | emd | SW 6010B |

ANALYTICAL REPORT

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08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|--------------------------------|----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 700085 | SBI002:HMW-11D:S020040:505 | | | | | | | | | | 08/14/2001 08:00 |
| ICP Digestion, Nonaqueous | Complete | | | | 08/22/2001 | 907 | | Complete | mrt | SW 3050B | |
| Mercury Digestion, Non-Aq | Complete | | | | 08/24/2001 | 613 | | Complete | clm | SW 7471A | |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | Complete | | | | 08/16/2001 | 1468 | | Complete | bmh | | |
| Acetone | <107 | ug/kg | dw | | 08/16/2001 | 1468 | | <107 | bmh | SW 8260A | |
| Benzene | <5.4 | ug/kg | dw | | 08/16/2001 | 1468 | | <5.4 | bmh | SW 8260A | |
| tert-Butylbenzene | <5.4 | ug/kg | dw | | 08/16/2001 | 1468 | | <5.4 | bmh | SW 8260A | |
| sec-Butylbenzene | <5.4 | ug/kg | dw | | 08/16/2001 | 1468 | | <5.4 | bmh | SW 8260A | |
| n-Butylbenzene | <5.4 | ug/kg | dw | | 08/16/2001 | 1468 | | <5.4 | bmh | SW 8260A | |
| Bromochloromethane | <5.4 | ug/kg | dw | | 08/16/2001 | 1468 | | <5.4 | bmh | SW 8260A | |
| Bromodichloromethane | <5.4 | ug/kg | dw | | 08/16/2001 | 1468 | | <5.4 | bmh | SW 8260A | |
| Bromoform | <5.4 | ug/kg | dw | | 08/16/2001 | 1468 | | <5.4 | bmh | SW 8260A | |
| Bromobenzene | <5.4 | ug/kg | dw | | 08/16/2001 | 1468 | | <5.4 | bmh | SW 8260A | |
| 2-Butanone (MEK) | <54 | ug/kg | dw | | 08/16/2001 | 1468 | | <54 | bmh | SW 8260A | |
| Carbon disulfide | <5.4 | ug/kg | dw | | 08/16/2001 | 1468 | | <5.4 | bmh | SW 8260A | |
| Carbon tetrachloride | <5.4 | ug/kg | dw | | 08/16/2001 | 1468 | | <5.4 | bmh | SW 8260A | |
| Chlorobenzene | <5.4 | ug/kg | dw | | 08/16/2001 | 1468 | | <5.4 | bmh | SW 8260A | |
| Chloroethane | <10.7 | ug/kg | dw | | 08/16/2001 | 1468 | | <10.7 | bmh | SW 8260A | |
| 2-Chlorotoluene | <5.4 | ug/kg | dw | | 08/16/2001 | 1468 | | <5.4 | bmh | SW 8260A | |
| 4-Chlorotoluene | <5.4 | ug/kg | dw | | 08/16/2001 | 1468 | | <5.4 | bmh | SW 8260A | |
| Chloroform | <5.4 | ug/kg | dw | | 08/16/2001 | 1468 | | <5.4 | bmh | SW 8260A | |
| Chloromethane | <10.7 | ug/kg | dw | | 08/16/2001 | 1468 | | <10.7 | bmh | SW 8260A | |
| Dibromochloromethane | <5.4 | ug/kg | dw | | 08/16/2001 | 1468 | | <5.4 | bmh | SW 8260A | |
| Dibromomethane | <5.4 | ug/kg | dw | | 08/16/2001 | 1468 | | <5.4 | bmh | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|----------------------------|--------|------|------------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 700085 | SBI002:HMW-11D:S020040:505 | | | | | | | | | DATE/TIME TAKEN 08/14/2001 08:00 |
| Dichlorodifluoromethane | <5.4 | ug/kg | dw | 08/16/2001 | 1468 | <5.4 | bmh | SW 8260A | | |
| 1,2-Dibromo-3-chloropropane | <5.4 | ug/kg | dw | 08/16/2001 | 1468 | <5.4 | bmh | SW 8260A | | |
| 1,2-Dichlorobenzene | <5.4 | ug/kg | dw | 08/16/2001 | 1468 | <5.4 | bmh | SW 8260A | | |
| 1,3-Dichlorobenzene | <5.4 | ug/kg | dw | 08/16/2001 | 1468 | <5.4 | bmh | SW 8260A | | |
| 1,4-Dichlorobenzene | <5.4 | ug/kg | dw | 08/16/2001 | 1468 | <5.4 | bmh | SW 8260A | | |
| 1,1-Dichloroethane | <5.4 | ug/kg | dw | 08/16/2001 | 1468 | <5.4 | bmh | SW 8260A | | |
| 1,2-Dichloroethane | <5.4 | ug/kg | dw | 08/16/2001 | 1468 | <5.4 | bmh | SW 8260A | | |
| 1,1-Dichloroethene | <5.4 | ug/kg | dw | 08/16/2001 | 1468 | <5.4 | bmh | SW 8260A | | |
| cis-1,2-Dichloroethene | <5.4 | ug/kg | dw | 08/16/2001 | 1468 | <5.4 | bmh | SW 8260A | | |
| trans-1,2-Dichloroethene | <5.4 | ug/kg | dw | 08/16/2001 | 1468 | <5.4 | bmh | SW 8260A | | |
| 1,2-Dichloropropane | <5.4 | ug/kg | dw | 08/16/2001 | 1468 | <5.4 | bmh | SW 8260A | | |
| 1,3-Dichloropropane | <5.4 | ug/kg | dw | 08/16/2001 | 1468 | <5.4 | bmh | SW 8260A | | |
| 2,2-Dichloropropane | <5.4 | ug/kg | dw | 08/16/2001 | 1468 | <5.4 | bmh | SW 8260A | | |
| 1,1-Dichloropropene | <5.4 | ug/kg | dw | 08/16/2001 | 1468 | <5.4 | bmh | SW 8260A | | |
| cis-1,3-Dichloropropene | <5.4 | ug/kg | dw | 08/16/2001 | 1468 | <5.4 | bmh | SW 8260A | | |
| trans-1,3-Dichloropropene | <5.4 | ug/kg | dw | 08/16/2001 | 1468 | <5.4 | bmh | SW 8260A | | |
| Ethylbenzene | <5.4 | ug/kg | dw | 08/16/2001 | 1468 | <5.4 | bmh | SW 8260A | | |
| Hexachlorobutadiene | <5.4 | ug/kg | dw | 08/16/2001 | 1468 | <5.4 | bmh | SW 8260A | | |
| n-Hexane | <21.5 | ug/kg | dw | 08/16/2001 | 1468 | <21.5 | bmh | SW 8260A | | |
| 2-Hexanone | <53.7 | ug/kg | dw | 08/16/2001 | 1468 | <53.7 | bmh | SW 8260A | | |
| Isopropylbenzene (Cumene) | <5.4 | ug/kg | dw | 08/16/2001 | 1468 | <5.4 | bmh | SW 8260A | | |
| p-Isopropyltoluene | <5.4 | ug/kg | dw | 08/16/2001 | 1468 | <5.4 | bmh | SW 8260A | | |
| Bromomethane | <10.7 | ug/kg | dw | 08/16/2001 | 1468 | <10.7 | bmh | SW 8260A | | |
| Methylene Chloride | <10.7 | ug/kg | dw | 08/16/2001 | 1468 | <10.7 | bmh | SW 8260A | | |
| Methyl t-butyl ether (MTBE) | <5.4 | ug/kg | dw | 08/16/2001 | 1468 | <5.4 | bmh | SW 8260A | | |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------|------------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 700085 | SBI002:HMW-11D:S020040:505 | | | | | | | | | DATE/TIME TAKEN 08/14/2001 08:00 |
| | m-Methyl-2-pentanone (MIBK) | <53.7 | | ug/kg dw | 08/16/2001 | | 1468 | <53.7 | bmh | SW 8260A |
| | n-Propylbenzene | <5.4 | | ug/kg dw | 08/16/2001 | | 1468 | <5.4 | bmh | SW 8260A |
| | Styrene | <5.4 | | ug/kg dw | 08/16/2001 | | 1468 | <5.4 | bmh | SW 8260A |
| | Naphthalene | <5.4 | | ug/kg dw | 08/16/2001 | | 1468 | <5.4 | bmh | SW 8260A |
| | 1,1,1,2-Tetrachloroethane | <5.4 | | ug/kg dw | 08/16/2001 | | 1468 | <5.4 | bmh | SW 8260A |
| | 1,1,2,2-Tetrachloroethane | <5.4 | | ug/kg dw | 08/16/2001 | | 1468 | <5.4 | bmh | SW 8260A |
| | Tetrachloroethene | <5.4 | | ug/kg dw | 08/16/2001 | | 1468 | <5.4 | bmh | SW 8260A |
| | Toluene | <5.4 | | ug/kg dw | 08/16/2001 | | 1468 | <5.4 | bmh | SW 8260A |
| | 1,2,4-Trichlorobenzene | <5.4 | | ug/kg dw | 08/16/2001 | | 1468 | <5.4 | bmh | SW 8260A |
| | 1,1,1-Trichloroethane | <5.4 | | ug/kg dw | 08/16/2001 | | 1468 | <5.4 | bmh | SW 8260A |
| | 1,1,2-Trichloroethane | <5.4 | | ug/kg dw | 08/16/2001 | | 1468 | <5.4 | bmh | SW 8260A |
| | Trichloroethene | <5.4 | | ug/kg dw | 08/16/2001 | | 1468 | <5.4 | bmh | SW 8260A |
| | Trichlorofluoromethane | <5.4 | | ug/kg dw | 08/16/2001 | | 1468 | <5.4 | bmh | SW 8260A |
| | 1,2,3-Trichloropropane | <5.4 | | ug/kg dw | 08/16/2001 | | 1468 | <5.4 | bmh | SW 8260A |
| | 1,2,4-Trimethylbenzene | <5.4 | | ug/kg dw | 08/16/2001 | | 1468 | <5.4 | bmh | SW 8260A |
| | 1,3,5-Trimethylbenzene | <5.4 | | ug/kg dw | 08/16/2001 | | 1468 | <5.4 | bmh | SW 8260A |
| | Vinyl Acetate | <5.4 | | ug/kg dw | 08/16/2001 | | 1468 | <5.4 | bmh | SW 8260A |
| | Vinyl Chloride | <2.1 | | ug/kg dw | 08/16/2001 | | 1468 | <2.1 | bmh | SW 8260A |
| | Xylenes, Total | <5.4 | | ug/kg dw | 08/16/2001 | | 1468 | <5.4 | bmh | SW 8260A |
| | d4-1,2-Dichloroethane (surr) | 89 | | % | 08/16/2001 | | 1468 | | bmh | SW 8260A |
| | Dibromofluoromethane (surr) | 88 | | % | 08/16/2001 | | 1468 | | bmh | SW 8260A |
| | d8-Toluene (surr) | 94 | | % | 08/16/2001 | | 1468 | | bmh | SW 8260A |
| | Bromofluorobenzene (surr) | 104 | | % | 08/16/2001 | | 1468 | | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting | Analyst | Method Reference | |
|---------------------------------------|---------------------------|--------|------|----------|---------------|--------------|--------------|-----------|---------|------------------------|----------------------------|
| | | | | | | Batch Number | Batch Number | | | | Limit |
| 700086 | SBI002:HMW21D:S005020:428 | | | | | | | | | | |
| | | | | | | | | | | DATE/TIME TAKEN | |
| | | | | | | | | | | 08/13/2001 09:30 | |
| Dry Weight | 94.6 | | | † | 08/23/2001 | | 1483 | | | mhg | SM 2540 G. |
| Prep, BNA Non-Aq | Complete | | | | 08/16/2001 | 949 | | Complete | | mlr | EPA 625; SW 3540C; SW 3545 |
| Prep, TPH 418.1 Nonaq | COMPLETE | | | | 08/23/2001 | 594 | | Complete | | 110 | SW 9071 |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | Complete | | | | 08/16/2001 | | 1468 | Complete | | bmh | |
| Acetone | <106 | | | ug/kg dw | 08/16/2001 | | 1468 | <106 | | bmh | SW 8260A |
| Benzene | <5.3 | | | ug/kg dw | 08/16/2001 | | 1468 | <5.3 | | bmh | SW 8260A |
| tert-Butylbenzene | <5.3 | | | ug/kg dw | 08/16/2001 | | 1468 | <5.3 | | bmh | SW 8260A |
| sec-Butylbenzene | <5.3 | | | ug/kg dw | 08/16/2001 | | 1468 | <5.3 | | bmh | SW 8260A |
| n-Butylbenzene | <5.3 | | | ug/kg dw | 08/16/2001 | | 1468 | <5.3 | | bmh | SW 8260A |
| Bromochloromethane | <5.3 | | | ug/kg dw | 08/16/2001 | | 1468 | <5.3 | | bmh | SW 8260A |
| Bromodichloromethane | <5.3 | | | ug/kg dw | 08/16/2001 | | 1468 | <5.3 | | bmh | SW 8260A |
| Bromoform | <5.3 | | | ug/kg dw | 08/16/2001 | | 1468 | <5.3 | | bmh | SW 8260A |
| Bromobenzene | <5.3 | | | ug/kg dw | 08/16/2001 | | 1468 | <5.3 | | bmh | SW 8260A |
| 2-Butanone (MEK) | <53 | | | ug/kg dw | 08/16/2001 | | 1468 | <53 | | bmh | SW 8260A |
| Carbon disulfide | <5.3 | | | ug/kg dw | 08/16/2001 | | 1468 | <5.3 | | bmh | SW 8260A |
| Carbon tetrachloride | <5.3 | | | ug/kg dw | 08/16/2001 | | 1468 | <5.3 | | bmh | SW 8260A |
| Chlorobenzene | <5.3 | | | ug/kg dw | 08/16/2001 | | 1468 | <5.3 | | bmh | SW 8260A |
| Chloroethane | <10.6 | | | ug/kg dw | 08/16/2001 | | 1468 | <10.6 | | bmh | SW 8260A |
| 2-Chlorotoluene | <5.3 | | | ug/kg dw | 08/16/2001 | | 1468 | <5.3 | | bmh | SW 8260A |
| 4-Chlorotoluene | <5.3 | | | ug/kg dw | 08/16/2001 | | 1468 | <5.3 | | bmh | SW 8260A |
| Chloroform | <5.3 | | | ug/kg dw | 08/16/2001 | | 1468 | <5.3 | | bmh | SW 8260A |
| Chloromethane | <10.6 | | | ug/kg dw | 08/16/2001 | | 1468 | <10.6 | | bmh | SW 8260A |
| Dibromochloromethane | <5.3 | | | ug/kg dw | 08/16/2001 | | 1468 | <5.3 | | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 700086 | SBI002:HMW21D:S005020:428 | | | | | | | | | DATE/TIME TAKEN 08/13/2001.09:30 |
| | Bromomethane | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | Dichlorodifluoromethane | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | 1,2-Dibromo-3-chloropropane | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | 1,2-Dichlorobenzene | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | 1,3-Dichlorobenzene | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | 1,4-Dichlorobenzene | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | 1,1-Dichloroethane | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | 1,2-Dichloroethane | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | 1,1-Dichloroethene | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | cis-1,2-Dichloroethene | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | trans-1,2-Dichloroethene | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | 1,2-Dichloropropane | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | 1,3-Dichloropropane | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | 2,2-Dichloropropane | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | 1,1-Dichloropropene | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | cis-1,3-Dichloropropene | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | trans-1,3-Dichloropropene | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | Ethylbenzene | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | Hexachlorobutadiene | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | n-Hexane | <21.1 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <21.1 | bmh | SW 8260A |
| | 2-Hexanone | <52.9 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <52.9 | bmh | SW 8260A |
| | Isopropylbenzene (Cumene) | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | p-Isopropyltoluene | <5.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.3 | bmh | SW 8260A |
| | Bromomethane | <10.6 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <10.6 | bmh | SW 8260A |
| | Methylene Chloride | <10.6 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <10.6 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|------------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 700086 | SBI002:HMW21D:S005020:428 | | | | | | | | | DATE/TIME TAKEN 08/13/2001 09:30 |
| | Methyl t-butyl ether (MTBE) | <5.3 | | ug/kg dw | 08/16/2001 | | 1468 | <5.3 | bmh | SW 8260A |
| | 4-Methyl-2-pentanone (MIBK) | <52.9 | | ug/kg dw | 08/16/2001 | | 1468 | <52.9 | bmh | SW 8260A |
| | n-Propylbenzene | <5.3 | | ug/kg dw | 08/16/2001 | | 1468 | <5.3 | bmh | SW 8260A |
| | Styrene | <5.3 | | ug/kg dw | 08/16/2001 | | 1468 | <5.3 | bmh | SW 8260A |
| | Naphthalene | <5.3 | | ug/kg dw | 08/16/2001 | | 1468 | <5.3 | bmh | SW 8260A |
| | 1,1,1,2-Tetrachloroethane | <5.3 | | ug/kg dw | 08/16/2001 | | 1468 | <5.3 | bmh | SW 8260A |
| | 1,1,2,2-Tetrachloroethane | <5.3 | | ug/kg dw | 08/16/2001 | | 1468 | <5.3 | bmh | SW 8260A |
| | Tetrachloroethene | <5.3 | | ug/kg dw | 08/16/2001 | | 1468 | <5.3 | bmh | SW 8260A |
| | Toluene | <5.3 | | ug/kg dw | 08/16/2001 | | 1468 | <5.3 | bmh | SW 8260A |
| | 1,2,4-Trichlorobenzene | <5.3 | | ug/kg dw | 08/16/2001 | | 1468 | <5.3 | bmh | SW 8260A |
| | 1,1,1-Trichloroethane | <5.3 | | ug/kg dw | 08/16/2001 | | 1468 | <5.3 | bmh | SW 8260A |
| | 1,1,2-Trichloroethane | <5.3 | | ug/kg dw | 08/16/2001 | | 1468 | <5.3 | bmh | SW 8260A |
| | Trichloroethene | <5.3 | | ug/kg dw | 08/16/2001 | | 1468 | <5.3 | bmh | SW 8260A |
| | Trichlorofluoromethane | <5.3 | | ug/kg dw | 08/16/2001 | | 1468 | <5.3 | bmh | SW 8260A |
| | 1,2,3-Trichloropropane | <5.3 | | ug/kg dw | 08/16/2001 | | 1468 | <5.3 | bmh | SW 8260A |
| | 1,2,4-Trimethylbenzene | <5.3 | | ug/kg dw | 08/16/2001 | | 1468 | <5.3 | bmh | SW 8260A |
| | 1,3,5-Trimethylbenzene | <5.3 | | ug/kg dw | 08/16/2001 | | 1468 | <5.3 | bmh | SW 8260A |
| | Vinyl Acetate | <5.3 | | ug/kg dw | 08/16/2001 | | 1468 | <5.3 | bmh | SW 8260A |
| | Vinyl Chloride | <2.1 | | ug/kg dw | 08/16/2001 | | 1468 | <2.1 | bmh | SW 8260A |
| | Xylenes, Total | <5.3 | | ug/kg dw | 08/16/2001 | | 1468 | <5.3 | bmh | SW 8260A |
| | d4-1,2-Dichloroethane (surr) | 89 | | % | 08/16/2001 | | 1468 | | bmh | SW 8260A |
| | Dibromofluoromethane (surr) | 90 | | % | 08/16/2001 | | 1468 | | bmh | SW 8260A |
| | d8-Toluene (surr) | 93 | | % | 08/16/2001 | | 1468 | | bmh | SW 8260A |
| | Bromofluorobenzene (surr) | 92 | | % | 08/16/2001 | | 1468 | | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|-------------------------------|------------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 700086 | SBI002:HMW21D:S005020:428 | | | | | | | | | | 08/13/2001 09:30 |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | | |
| | Acenaphthene | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C | |
| | Acenaphthylene | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C | |
| | Anthracene | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C | |
| | Benzo(a)anthracene | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C | |
| | Benzo(b)fluoranthene | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C | |
| | Benzo(k)fluoranthene | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C | |
| | Benzo(a)pyrene | <174 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <174 | dmg | SW 8270C | |
| | Benzyl alcohol | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C | |
| | Benzyl butyl phthalate | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C | |
| | Bis(2-chloroethyl)ether | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C | |
| | Bis(2-chloroethoxy)methane | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C | |
| | Bis(2-ethylhexyl)phthalate | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C | |
| | 2,2'-oxybis(1-Chloropropane) | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C | |
| | 4-Bromophenyl phenyl ether | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C | |
| | 4-Chloroaniline | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C | |
| | 2-Chloronaphthalene | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C | |
| | Chrysene | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C | |
| | Dibenzo(a,h)anthracene | <174 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <174 | dmg | SW 8270C | |
| | Dibenzofuran | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C | |
| | 1,2-Dichlorobenzene | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C | |
| | 1,3-Dichlorobenzene | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C | |
| | 1,4-Dichlorobenzene | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C | |
| | 3,3'-Dichlorobenzidine | <698 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <698 | dmg | SW 8270C | |
| | Diethyl phthalate | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------------------------|-----------------------------|--------|------|----------|------------|-------|-------|-----------|---------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | | | |
| 700086 | SBI002:HMW21D:S005020:428 | | | | | | | | | DATE/TIME TAKEN 08/13/2001 09:30 |
| | Dimethyl phthalate | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C |
| | 2,4-Dinitrotoluene | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C |
| | 2,6-Dinitrotoluene | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C |
| | Di-n-octylphthalate | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C |
| | Fluoranthene | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C |
| | Fluorene | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C |
| | Hexachlorobenzene | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C |
| | Hexachloro-1,3-butadiene | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C |
| | Hexachlorocyclopentadiene | <698 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <698 | dmg | SW 8270C |
| | Hexachloroethane | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C |
| | Indeno(1,2,3-cd)pyrene | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C |
| | Isophorone | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C |
| | Naphthalene | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C |
| | Nitrobenzene | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C |
| | N-Nitrosodi-n-propylamine | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C |
| | Phenanthrene | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C |
| | Pyrene | <349 | MS | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C |
| | 1,2,4-Trichlorobenzene | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C |
| | Surrogate: d5-Nitrobenzene | 82 | | % | 08/20/2001 | 949 | 1465 | | dmg | SW 8270C |
| | Surrogate: 2-Fluorobiphenyl | 91 | | % | 08/20/2001 | 949 | 1465 | | dmg | SW 8270C |
| | Surrogate: d14-Terphenyl | 94 | | % | 08/20/2001 | 949 | 1465 | | dmg | SW 8270C |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | |
| | Benzoic Acid | <1,740 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <1,740 | dmg | SW 8270C |
| | 4-Chloro-3-methylphenol | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
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 6130 Wilcox Rd.
 Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|------------|----------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 700086 | SBI002:HMW21D:S005020:428 | | | | | | | | | | 08/13/2001 09:30 |
| | Chlorophenol | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C | |
| | 2,4-Dichlorophenol | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C | |
| | 2,4-Dimethylphenol | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C | |
| | 2-Methyl-4,6-dinitrophenol | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C | |
| | 2-Methylphenol | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C | |
| | meta & para-Methylphenol | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C | |
| | 2-Nitrophenol | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C | |
| | Pentachlorophenol | <349 | SS | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C | |
| | Phenol | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C | |
| | 2,4,5-Trichlorophenol | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C | |
| | 2,4,6-Trichlorophenol | <349 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <349 | dmg | SW 8270C | |
| | Surrogate: d6-Phenol | 71 | | % | 08/20/2001 | 949 | 1465 | | dmg | SW 8270C | |
| | Surrogate: 2-Fluorophenol | 51 | | % | 08/20/2001 | 949 | 1465 | | dmg | SW 8270C | |
| | Surrogate: Tribromophenol | 28 | | % | 08/20/2001 | 949 | 1465 | | dmg | SW 8270C | |
| | TPH - FTIR Non-aq | 64 | | mg/kg dw | 08/23/2001 | 594 | 626 | <53 | 110 | 418.1 | |

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|---------------------------|----------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| 700087 | SBI002:HMW12S:S005020:428 | | | | | | | | | | 08/14/2001 08:00 |
| | Dry Weight | 88.8 | | % | 08/23/2001 | | 1483 | | mhg | SM 2540 G. | |
| | ICP NONAQUEOUS | Complete | | | 08/23/2001 | | 1245 | Complete | emd | SW 6010B | |
| | Arsenic, ICP | <7.4 | | mg/kg dw | 08/23/2001 | 907 | 2975 | <7.4 | emd | SW 6010B | |

ANALYTICAL REPORT

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6130 Wilcox Rd.
Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|--------------------------------|---------------------------|----------|------|----------|---------------|--------------|--------------|-----------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 700087 | SBI002:HMW12S:S005020:428 | | | | | | | | | |
| | Barium, ICP | 176 | | mg/kg dw | 08/23/2001 | 907 | 2906 | <0.74 | emd | SW 6010B |
| | Cadmium, ICP | <1.1 | | mg/kg dw | 08/23/2001 | 907 | 2888 | <1.1 | emd | SW 6010B |
| | Chromium, ICP | 6.4 | | mg/kg dw | 08/23/2001 | 907 | 2876 | <1.5 | emd | SW 6010B |
| | Lead, ICP | 241 | | mg/kg dw | 08/23/2001 | 907 | 2877 | <2.9 | emd | SW 6010B |
| | Mercury, CVAA | 0.089 | | mg/kg dw | 08/24/2001 | 613 | 631 | <0.009 | epk | SW 7471A |
| | Selenium, ICP | <3.7 | | mg/kg dw | 08/23/2001 | 907 | 2955 | <3.7 | emd | SW 6010B |
| | Silver, ICP | <1.5 | | mg/kg dw | 08/23/2001 | 907 | 2908 | <1.5 | emd | SW 6010B |
| | ICP Digestion, Nonaqueous | Complete | | | 08/22/2001 | 907 | | Complete | mrt | SW 3050B |
| | Mercury Digestion, Non-Aq | Complete | | | 08/24/2001 | 613 | | Complete | clm | SW 7471A |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| | 8260 - SW846 (Non-aq) | Complete | | | 08/16/2001 | | 1468 | Complete | bmh | |
| | Acetone | <113 | | ug/kg dw | 08/16/2001 | | 1468 | <113 | bmh | SW 8260A |
| | Benzene | <5.6 | | ug/kg dw | 08/16/2001 | | 1468 | <5.6 | bmh | SW 8260A |
| | tert-Butylbenzene | <5.6 | | ug/kg dw | 08/16/2001 | | 1468 | <5.6 | bmh | SW 8260A |
| | sec-Butylbenzene | <5.6 | | ug/kg dw | 08/16/2001 | | 1468 | <5.6 | bmh | SW 8260A |
| | n-Butylbenzene | <5.6 | | ug/kg dw | 08/16/2001 | | 1468 | <5.6 | bmh | SW 8260A |
| | Bromochloromethane | <5.6 | | ug/kg dw | 08/16/2001 | | 1468 | <5.6 | bmh | SW 8260A |
| | Bromodichloromethane | <5.6 | | ug/kg dw | 08/16/2001 | | 1468 | <5.6 | bmh | SW 8260A |
| | Bromoform | <5.6 | | ug/kg dw | 08/16/2001 | | 1468 | <5.6 | bmh | SW 8260A |
| | Bromobenzene | <5.6 | | ug/kg dw | 08/16/2001 | | 1468 | <5.6 | bmh | SW 8260A |
| | 2-Butanone (MEK) | <56 | | ug/kg dw | 08/16/2001 | | 1468 | <56 | bmh | SW 8260A |
| | Carbon disulfide | <5.6 | | ug/kg dw | 08/16/2001 | | 1468 | <5.6 | bmh | SW 8260A |
| | Carbon tetrachloride | <5.6 | | ug/kg dw | 08/16/2001 | | 1468 | <5.6 | bmh | SW 8260A |
| | Chlorobenzene | <5.6 | | ug/kg dw | 08/16/2001 | | 1468 | <5.6 | bmh | SW 8260A |

ANALYTICAL REPORT

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 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting | Analyst | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|----------|---------------|--------------|--------------|-----------|---------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Limit | | |
| 700087 | SBI002:HMW12S:S005020:428 | | | | | | | | | | 08/14/2001 08:00 |
| | Chloroethane | <11.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <11.3 | bmh | SW 8260A | |
| | 2-Chlorotoluene | <5.6 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.6 | bmh | SW 8260A | |
| | 4-Chlorotoluene | <5.6 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.6 | bmh | SW 8260A | |
| | Chloroform | <5.6 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.6 | bmh | SW 8260A | |
| | Chloromethane | <11.3 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <11.3 | bmh | SW 8260A | |
| | Dibromochloromethane | <5.6 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.6 | bmh | SW 8260A | |
| | Dibromomethane | <5.6 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.6 | bmh | SW 8260A | |
| | Dichlorodifluoromethane | <5.6 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.6 | bmh | SW 8260A | |
| | 1,2-Dibromo-3-chloropropane | <5.6 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.6 | bmh | SW 8260A | |
| | 1,2-Dichlorobenzene | <5.6 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.6 | bmh | SW 8260A | |
| | 1,3-Dichlorobenzene | <5.6 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.6 | bmh | SW 8260A | |
| | 1,4-Dichlorobenzene | <5.6 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.6 | bmh | SW 8260A | |
| | 1,1-Dichloroethane | <5.6 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.6 | bmh | SW 8260A | |
| | 1,2-Dichloroethane | <5.6 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.6 | bmh | SW 8260A | |
| | 1,1-Dichloroethene | <5.6 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.6 | bmh | SW 8260A | |
| | cis-1,2-Dichloroethene | <5.6 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.6 | bmh | SW 8260A | |
| | trans-1,2-Dichloroethene | <5.6 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.6 | bmh | SW 8260A | |
| | 1,2-Dichloropropane | <5.6 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.6 | bmh | SW 8260A | |
| | 1,3-Dichloropropane | <5.6 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.6 | bmh | SW 8260A | |
| | 2,2-Dichloropropane | <5.6 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.6 | bmh | SW 8260A | |
| | 1,1-Dichloropropene | <5.6 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.6 | bmh | SW 8260A | |
| | cis-1,3-Dichloropropene | <5.6 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.6 | bmh | SW 8260A | |
| | trans-1,3-Dichloropropene | <5.6 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.6 | bmh | SW 8260A | |
| | Ethylbenzene | <5.6 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.6 | bmh | SW 8260A | |
| | Hexachlorobutadiene | <5.6 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.6 | bmh | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|-----------------------------|---------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 700087 | SBI002:HMW12S:S005020:428 | | | | | | | | | | 08/14/2001 08:00 |
| n-Hexane | | <22.5 | | ug/kg dw | 08/16/2001 | 1468 | | <22.5 | bmh | SW 8260A | |
| 2-Hexanone | | <56.3 | | ug/kg dw | 08/16/2001 | 1468 | | <56.3 | bmh | SW 8260A | |
| Isopropylbenzene (Cumene) | | <5.6 | | ug/kg dw | 08/16/2001 | 1468 | | <5.6 | bmh | SW 8260A | |
| p-Isopropyltoluene | | <5.6 | | ug/kg dw | 08/16/2001 | 1468 | | <5.6 | bmh | SW 8260A | |
| Bromomethane | | <11.3 | | ug/kg dw | 08/16/2001 | 1468 | | <11.3 | bmh | SW 8260A | |
| Methylene Chloride | | <11.3 | | ug/kg dw | 08/16/2001 | 1468 | | <11.3 | bmh | SW 8260A | |
| Methyl t-butyl ether (MTBE) | | <5.6 | | ug/kg dw | 08/16/2001 | 1468 | | <5.6 | bmh | SW 8260A | |
| 4-Methyl-2-pentanone (MIBK) | | <56.3 | | ug/kg dw | 08/16/2001 | 1468 | | <56.3 | bmh | SW 8260A | |
| n-Propylbenzene | | <5.6 | | ug/kg dw | 08/16/2001 | 1468 | | <5.6 | bmh | SW 8260A | |
| Styrene | | <5.6 | | ug/kg dw | 08/16/2001 | 1468 | | <5.6 | bmh | SW 8260A | |
| Naphthalene | | <5.6 | | ug/kg dw | 08/16/2001 | 1468 | | <5.6 | bmh | SW 8260A | |
| 1,1,1,2-Tetrachloroethane | | <5.6 | | ug/kg dw | 08/16/2001 | 1468 | | <5.6 | bmh | SW 8260A | |
| 1,1,1,2,2-Tetrachloroethane | | <5.6 | | ug/kg dw | 08/16/2001 | 1468 | | <5.6 | bmh | SW 8260A | |
| Tetrachloroethene | | 19.6 | | ug/kg dw | 08/16/2001 | 1468 | | <5.6 | bmh | SW 8260A | |
| Toluene | | <5.6 | | ug/kg dw | 08/16/2001 | 1468 | | <5.6 | bmh | SW 8260A | |
| 1,2,4-Trichlorobenzene | | <5.6 | | ug/kg dw | 08/16/2001 | 1468 | | <5.6 | bmh | SW 8260A | |
| 1,1,1-Trichloroethane | | <5.6 | | ug/kg dw | 08/16/2001 | 1468 | | <5.6 | bmh | SW 8260A | |
| 1,1,2-Trichloroethane | | <5.6 | | ug/kg dw | 08/16/2001 | 1468 | | <5.6 | bmh | SW 8260A | |
| Trichloroethene | | <5.6 | | ug/kg dw | 08/16/2001 | 1468 | | <5.6 | bmh | SW 8260A | |
| Trichlorofluoromethane | | <5.6 | | ug/kg dw | 08/16/2001 | 1468 | | <5.6 | bmh | SW 8260A | |
| 1,2,3-Trichloropropane | | <5.6 | | ug/kg dw | 08/16/2001 | 1468 | | <5.6 | bmh | SW 8260A | |
| 1,2,4-Trimethylbenzene | | <5.6 | | ug/kg dw | 08/16/2001 | 1468 | | <5.6 | bmh | SW 8260A | |
| 1,3,5-Trimethylbenzene | | <5.6 | | ug/kg dw | 08/16/2001 | 1468 | | <5.6 | bmh | SW 8260A | |
| Vinyl Acetate | | <5.6 | | ug/kg dw | 08/16/2001 | 1468 | | <5.6 | bmh | SW 8260A | |
| Vinyl Chloride | | <2.3 | | ug/kg dw | 08/16/2001 | 1468 | | <2.3 | bmh | SW 8260A | |

ANALYTICAL REPORT

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08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|----------|---------------|--------------|--------------|-----------|---------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 700087 | SBI002:HMW12S:S005020:428 | | | | | | | | | DATE/TIME TAKEN 08/14/2001 08:00 |
| | Phenols, Total | <5.6 | | ug/kg dw | 08/16/2001 | | 1468 | <5.6 | bmh | SW 8260A |
| | d4-1,2-Dichloroethane(surr) | 90 | | % | 08/16/2001 | | 1468 | | bmh | SW 8260A |
| | Dibromofluoromethane(surr) | 94 | | % | 08/16/2001 | | 1468 | | bmh | SW 8260A |
| | d8-Toluene(surr) | 96 | | % | 08/16/2001 | | 1468 | | bmh | SW 8260A |
| | Bromofluorobenzene(surr) | 100 | | % | 08/16/2001 | | 1468 | | bmh | SW 8260A |
| | TPH - GRO (Non-Aqueous) | <6 | ss | mg/kg dw | 08/16/2001 | | 247 | <6 | meh | SW 8015M |

| SAMPLE NO. | SAMPLE DESCRIPTION | DATE/TIME TAKEN |
|------------|-------------------------|------------------|
| 700088 | SBI002:FB-1:W081401:412 | 08/14/2001 17:40 |

| | | | | | | | |
|--------------------------|----------|------|------------|-----------|----------|-----|----------|
| ICPMS TOTAL METALS | Complete | | 08/27/2001 | 2475 | Complete | ekh | SW 6020 |
| Arsenic, ICPMS | <0.0050 | mg/L | 08/27/2001 | 1810 3582 | <0.0050 | ekh | SW 6020 |
| Barium, ICPMS | <0.0050 | mg/L | 08/27/2001 | 1810 3791 | <0.0050 | ekh | SW 6020 |
| Cadmium, ICPMS | <0.0010 | mg/L | 08/27/2001 | 1810 3461 | <0.0010 | ekh | SW 6020 |
| Chromium, ICPMS (0.005) | <0.0050 | mg/L | 08/27/2001 | 1810 3848 | <0.0050 | ekh | SW 6020 |
| Lead, ICPMS | <0.0010 | mg/L | 08/27/2001 | 1810 3539 | <0.0010 | ekh | SW 6020 |
| Mercury, CVAA | <0.0002 | mg/L | 08/21/2001 | 1372 1313 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | <0.0050 | mg/L | 08/20/2001 | 732 556 | <0.0050 | lnh | SW 7740 |
| Silver, ICPMS | <0.0005 | mg/L | 08/27/2001 | 1810 3793 | <0.0005 | ekh | SW 6020 |
| Metals Digestion, ICPMS | Complete | | 08/23/2001 | 1810 | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | Complete | | 08/20/2001 | 732 | Complete | clm | SW 3020A |
| Manual Mercury Digestion | Complete | | 08/20/2001 | 1372 | Complete | clm | SW 7470A |

ANALYTICAL REPORT

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08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 700088 | SBI002:FB-1:W081401:412 | | | | | | | | | DATE/TIME TAKEN 08/14/2001 17:40 |
| | Chloromethane | <5.0 | | ug/L | 08/15/2001 | 3488 | 3488 | <5.0 | mrh | SW 8260A |
| | Dibromochloromethane | <1.0 | | ug/L | 08/15/2001 | 3488 | 3488 | <1.0 | mrh | SW 8260A |
| | Dibromomethane | <1.0 | | ug/L | 08/15/2001 | 3488 | 3488 | <1.0 | mrh | SW 8260A |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 08/15/2001 | 3488 | 3488 | <1.0 | mrh | SW 8260A |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 08/15/2001 | 3488 | 3488 | <5.0 | mrh | SW 8260A |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 08/15/2001 | 3488 | 3488 | <1.0 | mrh | SW 8260A |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 08/15/2001 | 3488 | 3488 | <1.0 | mrh | SW 8260A |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 08/15/2001 | 3488 | 3488 | <1.0 | mrh | SW 8260A |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 08/15/2001 | 3488 | 3488 | <1.0 | mrh | SW 8260A |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 08/15/2001 | 3488 | 3488 | <1.0 | mrh | SW 8260A |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 08/15/2001 | 3488 | 3488 | <1.0 | mrh | SW 8260A |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 08/15/2001 | 3488 | 3488 | <1.0 | mrh | SW 8260A |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 08/15/2001 | 3488 | 3488 | <1.0 | mrh | SW 8260A |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 08/15/2001 | 3488 | 3488 | <1.0 | mrh | SW 8260A |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 08/15/2001 | 3488 | 3488 | <1.0 | mrh | SW 8260A |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 08/15/2001 | 3488 | 3488 | <1.0 | mrh | SW 8260A |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 08/15/2001 | 3488 | 3488 | <1.0 | mrh | SW 8260A |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 08/15/2001 | 3488 | 3488 | <1.0 | mrh | SW 8260A |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 08/15/2001 | 3488 | 3488 | <1.0 | mrh | SW 8260A |
| | Ethylbenzene | <1.0 | | ug/L | 08/15/2001 | 3488 | 3488 | <1.0 | mrh | SW 8260A |
| | Hexachlorobutadiene | <5.0 | | ug/L | 08/15/2001 | 3488 | 3488 | <5.0 | mrh | SW 8260A |
| | n-Hexane | <5.0 | | ug/L | 08/15/2001 | 3488 | 3488 | <5.0 | mrh | SW 8260A |
| | 2-Hexanone | <12.5 | | ug/L | 08/15/2001 | 3488 | 3488 | <12.5 | mrh | SW 8260A |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 08/15/2001 | 3488 | 3488 | <1.0 | mrh | SW 8260A |
| | p-Isopropyltoluene | <1.0 | | ug/L | 08/15/2001 | 3488 | 3488 | <1.0 | mrh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------------------------|-------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 700088 | SBI002:FB-1:W081401:412 | | | | | | | | | | 08/14/2001 17:40 |
| Bromomethane | | <5.0 | | ug/L | 08/15/2001 | | 3488 | <5.0 | mrh | SW 8260A | |
| Methylene Chloride | | <5.0 | | ug/L | 08/15/2001 | | 3488 | <5.0 | mrh | SW 8260A | |
| Methyl t-butyl ether (MTBE) | | <5.0 | | ug/L | 08/15/2001 | | 3488 | <5.0 | mrh | SW 8260A | |
| 4-Methyl-2-pentanone (MIBK) | | <12.5 | | ug/L | 08/15/2001 | | 3488 | <12.5 | mrh | SW 8260A | |
| n-Propylbenzene | | <1.0 | | ug/L | 08/15/2001 | | 3488 | <1.0 | mrh | SW 8260A | |
| Styrene | | <1.0 | | ug/L | 08/15/2001 | | 3488 | <1.0 | mrh | SW 8260A | |
| Naphthalene | | <5.0 | | ug/L | 08/15/2001 | | 3488 | <5.0 | mrh | SW 8260A | |
| 1,1,1,2-Tetrachloroethane | | <1.0 | | ug/L | 08/15/2001 | | 3488 | <1.0 | mrh | SW 8260A | |
| 1,1,2,2-Tetrachloroethane | | <1.0 | | ug/L | 08/15/2001 | | 3488 | <1.0 | mrh | SW 8260A | |
| Tetrachloroethene | | <1.0 | | ug/L | 08/15/2001 | | 3488 | <1.0 | mrh | SW 8260A | |
| Toluene | | <1.0 | | ug/L | 08/15/2001 | | 3488 | <1.0 | mrh | SW 8260A | |
| 1,2,4-Trichlorobenzene | | <5.0 | | ug/L | 08/15/2001 | | 3488 | <5.0 | mrh | SW 8260A | |
| 1,1,1-Trichloroethane | | <1.0 | | ug/L | 08/15/2001 | | 3488 | <1.0 | mrh | SW 8260A | |
| 1,1,2-Trichloroethane | | <1.0 | | ug/L | 08/15/2001 | | 3488 | <1.0 | mrh | SW 8260A | |
| Trichloroethene | | <1.0 | | ug/L | 08/15/2001 | | 3488 | <1.0 | mrh | SW 8260A | |
| Trichlorofluoromethane | | <1.0 | | ug/L | 08/15/2001 | | 3488 | <1.0 | mrh | SW 8260A | |
| 1,2,3-Trichloropropane | | <5.0 | | ug/L | 08/15/2001 | | 3488 | <5.0 | mrh | SW 8260A | |
| 1,2,4-Trimethylbenzene | | <1.0 | | ug/L | 08/15/2001 | | 3488 | <1.0 | mrh | SW 8260A | |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 08/15/2001 | | 3488 | <1.0 | mrh | SW 8260A | |
| Vinyl Acetate | | <5.0 | | ug/L | 08/15/2001 | | 3488 | <5.0 | mrh | SW 8260A | |
| Vinyl Chloride | | <1.0 | | ug/L | 08/15/2001 | | 3488 | <1.0 | mrh | SW 8260A | |
| Xylenes | | <1.0 | | ug/L | 08/15/2001 | | 3488 | <1.0 | mrh | SW 8260A | |
| d4-1,2-Dichloroethane (surr) | | 100 | | % | 08/15/2001 | | 3488 | | mrh | SW 8260A | |
| Dibromofluoromethane (surr) | | 98 | | % | 08/15/2001 | | 3488 | | mrh | SW 8260A | |
| d8-Toluene (surr) | | 99 | | % | 08/15/2001 | | 3488 | | mrh | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------------------------|------------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 700088 | SBI002:FB-1:W081401:412 | | | | | | | | | |
| | | | | | 08/15/2001 | | 3488 | | mrh | SW 8260A |
| BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | | |
| | Acenaphthene | <10 | | ug/L | 08/23/2001 | 1256 | 2661 | <10 | jcs | SW 8270C |
| | Acenaphthylene | <10 | | ug/L | 08/23/2001 | 1256 | 2661 | <10 | jcs | SW 8270C |
| | Anthracene | <10 | | ug/L | 08/23/2001 | 1256 | 2661 | <10 | jcs | SW 8270C |
| | Benzo(a)anthracene | <10 | | ug/L | 08/23/2001 | 1256 | 2661 | <10 | jcs | SW 8270C |
| | Benzo(b)fluoranthene | <10 | | ug/L | 08/23/2001 | 1256 | 2661 | <10 | jcs | SW 8270C |
| | Benzo(k)fluoranthene | <10 | | ug/L | 08/23/2001 | 1256 | 2661 | <10 | jcs | SW 8270C |
| | Benzo(a)pyrene | <10 | | ug/L | 08/23/2001 | 1256 | 2661 | <10 | jcs | SW 8270C |
| | Benzyl alcohol | <10 | | ug/L | 08/23/2001 | 1256 | 2661 | <10 | jcs | SW 8270C |
| | Benzyl butyl phthalate | <10 | | ug/L | 08/23/2001 | 1256 | 2661 | <10 | jcs | SW 8270C |
| | bis(2-Chloroethyl)ether | <10 | | ug/L | 08/23/2001 | 1256 | 2661 | <10 | jcs | SW 8270C |
| | bis(2-Chloroethoxy)methane | <10 | | ug/L | 08/23/2001 | 1256 | 2661 | <10 | jcs | SW 8270C |
| | bis(2-Ethylhexyl)phthalate | <10 | | ug/L | 08/23/2001 | 1256 | 2661 | <10 | jcs | SW 8270C |
| | 2,2'-oxybis(1-Chloropropane) | <10 | | ug/L | 08/23/2001 | 1256 | 2661 | <10 | jcs | SW 8270C |
| | 4-Bromophenyl phenyl ether | <10 | | ug/L | 08/23/2001 | 1256 | 2661 | <10 | jcs | SW 8270C |
| | 4-Chloroaniline | <10 | | ug/L | 08/23/2001 | 1256 | 2661 | <10 | jcs | SW 8270C |
| | 2-Chloronaphthalene | <10 | | ug/L | 08/23/2001 | 1256 | 2661 | <10 | jcs | SW 8270C |
| | Chrysene | <10 | | ug/L | 08/23/2001 | 1256 | 2661 | <10 | jcs | SW 8270C |
| | Dibenzo(a,h)anthracene | <10 | | ug/L | 08/23/2001 | 1256 | 2661 | <10 | jcs | SW 8270C |
| | Dibenzofuran | <10 | | ug/L | 08/23/2001 | 1256 | 2661 | <10 | jcs | SW 8270C |
| | 1,2-Dichlorobenzene | <10 | | ug/L | 08/23/2001 | 1256 | 2661 | <10 | jcs | SW 8270C |
| | 1,3-Dichlorobenzene | <10 | | ug/L | 08/23/2001 | 1256 | 2661 | <10 | jcs | SW 8270C |
| | 1,4-Dichlorobenzene | <10 | | ug/L | 08/23/2001 | 1256 | 2661 | <10 | jcs | SW 8270C |

ANALYTICAL REPORT

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6130 Wilcox Rd.
Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|-----------------------------|-------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 700088 | SBI002:FB-1:W081401:412 | | | | | | | | | DATE/TIME TAKEN 08/14/2001 17:40 |
| 3,3'-Dichlorobenzidine | | <50 | | ug/L | 08/23/2001 | 1256 | 2661 | <50 | jcs | SW 8270C |
| Diethyl phthalate | | <10 | | ug/L | 08/23/2001 | 1256 | 2661 | <10 | jcs | SW 8270C |
| Dimethyl phthalate | | <10 | | ug/L | 08/23/2001 | 1256 | 2661 | <10 | jcs | SW 8270C |
| 2,4-Dinitrotoluene | | <10 | | ug/L | 08/23/2001 | 1256 | 2661 | <10 | jcs | SW 8270C |
| 2,6-Dinitrotoluene | | <10 | | ug/L | 08/23/2001 | 1256 | 2661 | <10 | jcs | SW 8270C |
| Di-n-octylphthalate | | <10 | | ug/L | 08/23/2001 | 1256 | 2661 | <10 | jcs | SW 8270C |
| Fluoranthene | | <10 | | ug/L | 08/23/2001 | 1256 | 2661 | <10 | jcs | SW 8270C |
| Fluorene | | <10 | | ug/L | 08/23/2001 | 1256 | 2661 | <10 | jcs | SW 8270C |
| Hexachlorobenzene | | <10 | | ug/L | 08/23/2001 | 1256 | 2661 | <10 | jcs | SW 8270C |
| Hexachloro-1,3-butadiene | | <10 | | ug/L | 08/23/2001 | 1256 | 2661 | <10 | jcs | SW 8270C |
| Hexachlorocyclopentadiene | | <20 | | ug/L | 08/23/2001 | 1256 | 2661 | <20 | jcs | SW 8270C |
| Hexachloroethane | | <10 | | ug/L | 08/23/2001 | 1256 | 2661 | <10 | jcs | SW 8270C |
| Indeno(1,2,3-cd)pyrene | | <10 | | ug/L | 08/23/2001 | 1256 | 2661 | <10 | jcs | SW 8270C |
| Isophorone | | <10 | | ug/L | 08/23/2001 | 1256 | 2661 | <10 | jcs | SW 8270C |
| Naphthalene | | <10 | | ug/L | 08/23/2001 | 1256 | 2661 | <10 | jcs | SW 8270C |
| Nitrobenzene | | <10 | | ug/L | 08/23/2001 | 1256 | 2661 | <10 | jcs | SW 8270C |
| N-Nitrosodi-n-propylamine | | <10 | | ug/L | 08/23/2001 | 1256 | 2661 | <10 | jcs | SW 8270C |
| Phenanthrene | | <10 | | ug/L | 08/23/2001 | 1256 | 2661 | <10 | jcs | SW 8270C |
| Pyrene | | <10 | | ug/L | 08/23/2001 | 1256 | 2661 | <10 | jcs | SW 8270C |
| 1,2,4-Trichlorobenzene | | <10 | | ug/L | 08/23/2001 | 1256 | 2661 | <10 | jcs | SW 8270C |
| Surrogate: d5-Nitrobenzene | | 76 | | % | 08/23/2001 | 1256 | 2661 | | jcs | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 78 | | % | 08/23/2001 | 1256 | 2661 | | jcs | SW 8270C |
| Surrogate: d14-Terphenyl | | 82 | | % | 08/23/2001 | 1256 | 2661 | | jcs | SW 8270C |

ACID COMPOUNDS (AQ) 8270

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|-------------------------|-------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 700088 | SBI002:FB-1:W081401:412 | | | | | | | | | |
| | | | | | | | | | | DATE/TIME TAKEN |
| | | | | | | | | | | 08/14/2001 17:40 |
| TPH - DRO AQUEOUS | | <1 | | mg/L | 08/17/2001 | 117 | 202 | <1 | meb | SW 8015M |
| TPH - GRO (Aqueous) | | <1 | | mg/L | 08/22/2001 | | 80 | <1 | rrs | SW 8015M |
| TPH - Method 418.1 (AQ) | | <0.2 | | mg/L | 08/24/2001 | 596 | 715 | <0.2 | 110 | EPA 418.1 |

ANALYTICAL REPORT

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 6130 Wilcox Rd.
 Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|--------------------------------|---------------------|----------|------|-------|---------------|--------------|--------------|-----------------|----------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 700089 | SBI002:TB-1:W081401 | | | | | | | | | |
| DATE/TIME TAKEN | | | | | | | | | | |
| 08/14/2001 | | | | | | | | | | |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | | Complete | | | 08/15/2001 | 3488 | Complete | mrh | | |
| Acetone | | <20.0 | | ug/L | 08/15/2001 | 3488 | <20.0 | mrh | SW 8260A | |
| Benzene | | <1.0 | | ug/L | 08/15/2001 | 3488 | <1.0 | mrh | SW 8260A | |
| tert-Butylbenzene | | <1.0 | | ug/L | 08/15/2001 | 3488 | <1.0 | mrh | SW 8260A | |
| sec-Butylbenzene | | <1.0 | | ug/L | 08/15/2001 | 3488 | <1.0 | mrh | SW 8260A | |
| n-Butylbenzene | | <1.0 | | ug/L | 08/15/2001 | 3488 | <1.0 | mrh | SW 8260A | |
| Bromochloromethane | | <1.0 | | ug/L | 08/15/2001 | 3488 | <1.0 | mrh | SW 8260A | |
| Bromodichloromethane | | <1.0 | | ug/L | 08/15/2001 | 3488 | <1.0 | mrh | SW 8260A | |
| Bromoform | | <1.0 | | ug/L | 08/15/2001 | 3488 | <1.0 | mrh | SW 8260A | |
| Bromobenzene | | <1.0 | | ug/L | 08/15/2001 | 3488 | <1.0 | mrh | SW 8260A | |
| 2-Butanone (MEK) | | <12.5 | | ug/L | 08/15/2001 | 3488 | <12.5 | mrh | SW 8260A | |
| Carbon disulfide | | <1.0 | | ug/L | 08/15/2001 | 3488 | <1.0 | mrh | SW 8260A | |
| Carbon tetrachloride | | <1.0 | | ug/L | 08/15/2001 | 3488 | <1.0 | mrh | SW 8260A | |
| Chlorobenzene | | <1.0 | | ug/L | 08/15/2001 | 3488 | <1.0 | mrh | SW 8260A | |
| Chloroethane | | <5.0 | | ug/L | 08/15/2001 | 3488 | <5.0 | mrh | SW 8260A | |
| 2-Chlorotoluene | | <1.0 | | ug/L | 08/15/2001 | 3488 | <1.0 | mrh | SW 8260A | |
| 4-Chlorotoluene | | <1.0 | | ug/L | 08/15/2001 | 3488 | <1.0 | mrh | SW 8260A | |
| Chloroform | | <1.0 | | ug/L | 08/15/2001 | 3488 | <1.0 | mrh | SW 8260A | |
| Chloromethane | | <5.0 | | ug/L | 08/15/2001 | 3488 | <5.0 | mrh | SW 8260A | |
| Dibromochloromethane | | <1.0 | | ug/L | 08/15/2001 | 3488 | <1.0 | mrh | SW 8260A | |
| Dibromomethane | | <1.0 | | ug/L | 08/15/2001 | 3488 | <1.0 | mrh | SW 8260A | |
| Dichlorodifluoromethane | | <1.0 | | ug/L | 08/15/2001 | 3488 | <1.0 | mrh | SW 8260A | |
| 1,2-Dibromo-3-chloropropane | | <5.0 | | ug/L | 08/15/2001 | 3488 | <5.0 | mrh | SW 8260A | |
| 1,2-Dichlorobenzene | | <1.0 | | ug/L | 08/15/2001 | 3488 | <1.0 | mrh | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|---------------------|--------|------|-------|------------|-------|-------|-----------|---------|-------------------------------|
| | | | | | Analyzed | Batch | Batch | | Limit | |
| 700089 | SBI002:TB-1:W081401 | | | | | | | | | DATE/TIME TAKEN 08/14/2001 |
| 1,3-Dichlorobenzene | | <1.0 | | ug/L | 08/15/2001 | | 3488 | <1.0 | mrh | SW 8260A |
| 1,4-Dichlorobenzene | | <1.0 | | ug/L | 08/15/2001 | | 3488 | <1.0 | mrh | SW 8260A |
| 1,1-Dichloroethane | | <1.0 | | ug/L | 08/15/2001 | | 3488 | <1.0 | mrh | SW 8260A |
| 1,2-Dichloroethane | | <1.0 | | ug/L | 08/15/2001 | | 3488 | <1.0 | mrh | SW 8260A |
| 1,1-Dichloroethene | | <1.0 | | ug/L | 08/15/2001 | | 3488 | <1.0 | mrh | SW 8260A |
| cis-1,2-Dichloroethene | | <1.0 | | ug/L | 08/15/2001 | | 3488 | <1.0 | mrh | SW 8260A |
| trans-1,2-Dichloroethene | | <1.0 | | ug/L | 08/15/2001 | | 3488 | <1.0 | mrh | SW 8260A |
| 1,2-Dichloropropane | | <1.0 | | ug/L | 08/15/2001 | | 3488 | <1.0 | mrh | SW 8260A |
| 1,3-Dichloropropane | | <1.0 | | ug/L | 08/15/2001 | | 3488 | <1.0 | mrh | SW 8260A |
| 2,2-Dichloropropane | | <1.0 | | ug/L | 08/15/2001 | | 3488 | <1.0 | mrh | SW 8260A |
| 1,1-Dichloropropene | | <1.0 | | ug/L | 08/15/2001 | | 3488 | <1.0 | mrh | SW 8260A |
| cis-1,3-Dichloropropene | | <1.0 | | ug/L | 08/15/2001 | | 3488 | <1.0 | mrh | SW 8260A |
| trans-1,3-Dichloropropene | | <1.0 | | ug/L | 08/15/2001 | | 3488 | <1.0 | mrh | SW 8260A |
| Ethylbenzene | | <1.0 | | ug/L | 08/15/2001 | | 3488 | <1.0 | mrh | SW 8260A |
| Hexachlorobutadiene | | <5.0 | | ug/L | 08/15/2001 | | 3488 | <5.0 | mrh | SW 8260A |
| n-Hexane | | <5.0 | | ug/L | 08/15/2001 | | 3488 | <5.0 | mrh | SW 8260A |
| 2-Hexanone | | <12.5 | | ug/L | 08/15/2001 | | 3488 | <12.5 | mrh | SW 8260A |
| Isopropylbenzene (Cumene) | | <1.0 | | ug/L | 08/15/2001 | | 3488 | <1.0 | mrh | SW 8260A |
| p-Isopropyltoluene | | <1.0 | | ug/L | 08/15/2001 | | 3488 | <1.0 | mrh | SW 8260A |
| Bromomethane | | <5.0 | | ug/L | 08/15/2001 | | 3488 | <5.0 | mrh | SW 8260A |
| Methylene Chloride | | <5.0 | | ug/L | 08/15/2001 | | 3488 | <5.0 | mrh | SW 8260A |
| Methyl t-butyl ether (MTBE) | | <5.0 | | ug/L | 08/15/2001 | | 3488 | <5.0 | bmh | SW 8260A |
| 4-Methyl-2-pentanone (MIBK) | | <12.5 | | ug/L | 08/15/2001 | | 3488 | <12.5 | mrh | SW 8260A |
| n-Propylbenzene | | <1.0 | | ug/L | 08/15/2001 | | 3488 | <1.0 | mrh | SW 8260A |
| Styrene | | <1.0 | | ug/L | 08/15/2001 | | 3488 | <1.0 | mrh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|------------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 700089 | SBI002:TB-1:W081401 | | | | | | | | | DATE/TIME TAKEN 08/14/2001 |
| | Phthalene | <5.0 | | ug/L | 08/15/2001 | 3488 | 3488 | <5.0 | mrh | SW 8260A |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 08/15/2001 | 3488 | 3488 | <1.0 | mrh | SW 8260A |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 08/15/2001 | 3488 | 3488 | <1.0 | mrh | SW 8260A |
| | Tetrachloroethene | <1.0 | | ug/L | 08/15/2001 | 3488 | 3488 | <1.0 | mrh | SW 8260A |
| | Toluene | <1.0 | | ug/L | 08/15/2001 | 3488 | 3488 | <1.0 | mrh | SW 8260A |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 08/15/2001 | 3488 | 3488 | <5.0 | mrh | SW 8260A |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 08/15/2001 | 3488 | 3488 | <1.0 | mrh | SW 8260A |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 08/15/2001 | 3488 | 3488 | <1.0 | mrh | SW 8260A |
| | Trichloroethene | <1.0 | | ug/L | 08/15/2001 | 3488 | 3488 | <1.0 | mrh | SW 8260A |
| | Trichlorofluoromethane | <1.0 | | ug/L | 08/15/2001 | 3488 | 3488 | <1.0 | mrh | SW 8260A |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 08/15/2001 | 3488 | 3488 | <5.0 | mrh | SW 8260A |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 08/15/2001 | 3488 | 3488 | <1.0 | mrh | SW 8260A |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 08/15/2001 | 3488 | 3488 | <1.0 | mrh | SW 8260A |
| | Vinyl Acetate | <5.0 | | ug/L | 08/15/2001 | 3488 | 3488 | <5.0 | mrh | SW 8260A |
| | Vinyl Chloride | <1.0 | | ug/L | 08/15/2001 | 3488 | 3488 | <1.0 | mrh | SW 8260A |
| | Xylenes | <1.0 | | ug/L | 08/15/2001 | 3488 | 3488 | <1.0 | mrh | SW 8260A |
| | d4-1,2-Dichloroethane (surr) | 99 | | % | 08/15/2001 | 3488 | 3488 | | mrh | SW 8260A |
| | Dibromofluoromethane (surr) | 98 | | % | 08/15/2001 | 3488 | 3488 | | mrh | SW 8260A |
| | d8-Toluene (surr) | 101 | | % | 08/15/2001 | 3488 | 3488 | | mrh | SW 8260A |
| | Bromofluorobenzene (surr) | 104 | | % | 08/15/2001 | 3488 | 3488 | | mrh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|--------------------------------|---------------------------|--------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|----------------------------|
| | | | | | | | | | | | |
| 700090 | SBI002:HMW25S:S210230:412 | | | | | | | | | | 08/10/2001 09:40 |
| Dry Weight | 91.0 | | | † | 08/23/2001 | | 1483 | | | mhg | SW 2540 G. |
| ICP NONAQUEOUS | Complete | | | | 08/27/2001 | | 1250 | Complete | | emd | SW 6010B |
| Arsenic, ICP | <10 | | | mg/kg dw | 08/23/2001 | 907 | 2975 | <10 | | emd | SW 6010B |
| Barium, ICP | 5.9 | | | mg/kg dw | 08/23/2001 | 907 | 2906 | <2.1 | | emd | SW 6010B |
| Cadmium, ICP | <3.2 | | | mg/kg dw | 08/23/2001 | 907 | 2888 | <3.2 | | emd | SW 6010B |
| Chromium, ICP | <5.6 | | | mg/kg dw | 08/27/2001 | 907 | 2882 | <5.6 | | emd | SW 6010B |
| Lead, ICP | <8.4 | | | mg/kg dw | 08/23/2001 | 907 | 2877 | <8.4 | | emd | SW 6010B |
| Mercury, CVAA | <0.009 | | | mg/kg dw | 08/24/2001 | 613 | 631 | <0.009 | | epk | SW 7471A |
| Selenium, ICP | <10 | | | mg/kg dw | 08/23/2001 | 907 | 2955 | <10 | | emd | SW 6010B |
| Silver, ICP | <4.2 | | | mg/kg dw | 08/23/2001 | 907 | 2908 | <4.2 | | emd | SW 6010B |
| ICP Digestion, Nonaqueous | Complete | | | | 08/22/2001 | 907 | | Complete | | mrt | SW 3050B |
| Mercury Digestion, Non-Aq | Complete | | | | 08/24/2001 | 613 | | Complete | | clm | SW 7471A |
| Prep, PCBs Non-Aq 8082 | Complete | | | | 08/20/2001 | 105 | | Complete | | lmc | SW 3540C; SW 3545 |
| Prep, BNA Non-Aq | Complete | | | | 08/16/2001 | 949 | | Complete | | mlr | EPA 625; SW 3540C; SW 3545 |
| Prep, TPH 418.1 Nonaq | COMPLETE | | | | 08/23/2001 | 594 | | Complete | | 110 | SW 9071 |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | Complete | | | | 08/16/2001 | | 1468 | Complete | | bmh | |
| Acetone | <110 | | | ug/kg dw | 08/16/2001 | | 1468 | <110 | | bmh | SW 8260A |
| Benzene | <5.5 | | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | | bmh | SW 8260A |
| tert-Butylbenzene | <5.5 | | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | | bmh | SW 8260A |
| sec-Butylbenzene | <5.5 | | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | | bmh | SW 8260A |
| n-Butylbenzene | <5.5 | | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | | bmh | SW 8260A |
| Bromochloromethane | <5.5 | | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | | bmh | SW 8260A |
| Bromodichloromethane | <5.5 | | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 700090 | SBI002:HMW25S:S210230:412 | | | | | | | | | | 08/10/2001 09:40 |
| | Bromoform | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A | |
| | Bromobenzene | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A | |
| | 2-Butanone (MEK) | <55 | | ug/kg dw | 08/16/2001 | | 1468 | <55 | bmh | SW 8260A | |
| | Carbon disulfide | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A | |
| | Carbon tetrachloride | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A | |
| | Chlorobenzene | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A | |
| | Chloroethane | <11.0 | | ug/kg dw | 08/16/2001 | | 1468 | <11.0 | bmh | SW 8260A | |
| | 2-Chlorotoluene | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A | |
| | 4-Chlorotoluene | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A | |
| | Chloroform | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A | |
| | Chloromethane | <11.0 | | ug/kg dw | 08/16/2001 | | 1468 | <11.0 | bmh | SW 8260A | |
| | Dibromochloromethane | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A | |
| | Dibromomethane | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A | |
| | Dichlorodifluoromethane | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A | |
| | 1,2-Dibromo-3-chloropropane | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A | |
| | 1,2-Dichlorobenzene | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A | |
| | 1,3-Dichlorobenzene | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A | |
| | 1,4-Dichlorobenzene | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A | |
| | 1,1-Dichloroethane | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A | |
| | 1,2-Dichloroethane | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A | |
| | 1,1-Dichloroethene | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A | |
| | cis-1,2-Dichloroethene | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A | |
| | trans-1,2-Dichloroethene | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A | |
| | 1,2-Dichloropropane | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A | |
| | 1,3-Dichloropropane | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|-----------------------------|---------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 700090 | SBI002:HMW25S:S210230:412 | | | | | | | | | | 08/10/2001 09:40 |
| 2,2-Dichloropropane | | <5.5 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.5 | bmh | SW 8260A | |
| 1,1-Dichloropropene | | <5.5 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.5 | bmh | SW 8260A | |
| cis-1,3-Dichloropropene | | <5.5 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.5 | bmh | SW 8260A | |
| trans-1,3-Dichloropropene | | <5.5 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.5 | bmh | SW 8260A | |
| Ethylbenzene | | <5.5 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.5 | bmh | SW 8260A | |
| Hexachlorobutadiene | | <5.5 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.5 | bmh | SW 8260A | |
| n-Hexane | | <22.0 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <22.0 | bmh | SW 8260A | |
| 2-Hexanone | | <54.9 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <54.9 | bmh | SW 8260A | |
| Isopropylbenzene (Cumene) | | <5.5 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.5 | bmh | SW 8260A | |
| p-Isopropyltoluene | | <5.5 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.5 | bmh | SW 8260A | |
| Bromomethane | | <11.0 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <11.0 | bmh | SW 8260A | |
| Methylene Chloride | | <11.0 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <11.0 | bmh | SW 8260A | |
| Methyl t-butyl ether (MTBE) | | <5.5 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.5 | bmh | SW 8260A | |
| 4-Methyl-2-pentanone (MIBK) | | <54.9 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <54.9 | bmh | SW 8260A | |
| n-Propylbenzene | | <5.5 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.5 | bmh | SW 8260A | |
| Styrene | | <5.5 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.5 | bmh | SW 8260A | |
| Naphthalene | | <5.5 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.5 | bmh | SW 8260A | |
| 1,1,1,2-Tetrachloroethane | | <5.5 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.5 | bmh | SW 8260A | |
| 1,1,2,2-Tetrachloroethane | | <5.5 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.5 | bmh | SW 8260A | |
| Tetrachloroethene | | <5.5 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.5 | bmh | SW 8260A | |
| Toluene | | <5.5 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.5 | bmh | SW 8260A | |
| 1,2,4-Trichlorobenzene | | <5.5 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.5 | bmh | SW 8260A | |
| 1,1,1-Trichloroethane | | <5.5 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.5 | bmh | SW 8260A | |
| 1,1,2-Trichloroethane | | <5.5 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.5 | bmh | SW 8260A | |
| Trichloroethene | | <5.5 | | ug/kg dw | 08/16/2001 | 1468 | 1468 | <5.5 | bmh | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting | Analyst | Method Reference |
|-------------------------------|------------------------------|--------|------|----------|---------------|--------------|--------------|-----------|---------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 700090 | SBI002:HMW25S:S210230:412 | | | | | | | | | DATE/TIME TAKEN 08/10/2001 09:40 |
| | 1,1-Dichloroethane | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A |
| | 1,2,3-Trichloropropane | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A |
| | 1,2,4-Trimethylbenzene | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A |
| | 1,3,5-Trimethylbenzene | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A |
| | Vinyl Acetate | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A |
| | Vinyl Chloride | <2.2 | | ug/kg dw | 08/16/2001 | | 1468 | <2.2 | bmh | SW 8260A |
| | Xylenes, Total | <5.5 | | ug/kg dw | 08/16/2001 | | 1468 | <5.5 | bmh | SW 8260A |
| | d4-1,2-Dichloroethane (surr) | 88 | | % | 08/16/2001 | | 1468 | | bmh | SW 8260A |
| | Dibromofluoromethane (surr) | 92 | | % | 08/16/2001 | | 1468 | | bmh | SW 8260A |
| | d8-Toluene (surr) | 91 | | % | 08/16/2001 | | 1468 | | bmh | SW 8260A |
| | Bromofluorobenzene (surr) | 93 | | % | 08/16/2001 | | 1468 | | bmh | SW 8260A |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| | Acenaphthene | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | dmg | SW 8270C |
| | Acenaphthylene | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | dmg | SW 8270C |
| | Anthracene | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | dmg | SW 8270C |
| | Benzo (a) anthracene | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | dmg | SW 8270C |
| | Benzo (b) fluoranthene | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | dmg | SW 8270C |
| | Benzo (k) fluoranthene | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | dmg | SW 8270C |
| | Benzo (a) pyrene | <181 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <181 | dmg | SW 8270C |
| | Benzyl alcohol | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | dmg | SW 8270C |
| | Benzyl butyl phthalate | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | dmg | SW 8270C |
| | Bis (2-chloroethyl) ether | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | dmg | SW 8270C |
| | Bis (2-chloroethoxy) methane | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | dmg | SW 8270C |
| | Bis (2-ethylhexyl) phthalate | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | dmg | SW 8270C |

ANALYTICAL REPORT

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 6130 Wilcox Rd.
 Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting | Analyst | Method Reference |
|------------|------------------------------|--------|------|----------|---------------|--------------|--------------|-----------|---------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Limit | |
| 700090 | SBI002:HMW25S:S210230:412 | | | | | | | | | DATE/TIME TAKEN 08/10/2001 09:40 |
| | 2,2'-oxybis(1-Chloropropane) | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | dmg | SW 8270C |
| | 4-Bromophenyl phenyl ether | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | dmg | SW 8270C |
| | 4-Chloroaniline | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | dmg | SW 8270C |
| | 2-Chloronaphthalene | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | dmg | SW 8270C |
| | Chrysene | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | dmg | SW 8270C |
| | Dibenzo(a,h)anthracene | <181 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <181 | dmg | SW 8270C |
| | Dibenzofuran | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | dmg | SW 8270C |
| | 1,2-Dichlorobenzene | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | dmg | SW 8270C |
| | 1,3-Dichlorobenzene | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | dmg | SW 8270C |
| | 1,4-Dichlorobenzene | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | dmg | SW 8270C |
| | 3,3'-Dichlorobenzidine | <725 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <725 | dmg | SW 8270C |
| | Diethyl phthalate | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | dmg | SW 8270C |
| | Dimethyl phthalate | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | dmg | SW 8270C |
| | 2,4-Dinitrotoluene | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | dmg | SW 8270C |
| | 2,6-Dinitrotoluene | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | dmg | SW 8270C |
| | Di-n-octylphthalate | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | dmg | SW 8270C |
| | Fluoranthene | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | dmg | SW 8270C |
| | Fluorene | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | dmg | SW 8270C |
| | Hexachlorobenzene | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | dmg | SW 8270C |
| | Hexachloro-1,3-butadiene | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | dmg | SW 8270C |
| | Hexachlorocyclopentadiene | <725 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <725 | dmg | SW 8270C |
| | Hexachloroethane | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | dmg | SW 8270C |
| | Indeno(1,2,3-cd)pyrene | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | dmg | SW 8270C |
| | Isophorone | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | dmg | SW 8270C |
| | Naphthalene | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | dmg | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|------------------------------|-----------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 700090 | SBI002:HMW25S:S210230:412 | | | | | | | | | | 08/10/2001 09:40 |
| | Nitrobenzene | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | | dmg | SW 8270C |
| | N-Nitrosodi-n-propylamine | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | | dmg | SW 8270C |
| | Phenanthrene | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | | dmg | SW 8270C |
| | Pyrene | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | | dmg | SW 8270C |
| | 1,2,4-Trichlorobenzene | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | | dmg | SW 8270C |
| | Surrogate: d5-Nitrobenzene | 73 | | % | 08/20/2001 | 949 | 1465 | | | dmg | SW 8270C |
| | Surrogate: 2-Fluorobiphenyl | 80 | | % | 08/20/2001 | 949 | 1465 | | | dmg | SW 8270C |
| | Surrogate: d14-Terphenyl | 92 | | % | 08/20/2001 | 949 | 1465 | | | dmg | SW 8270C |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | | |
| | Benzoic Acid | <1,810 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <1,810 | | dmg | SW 8270C |
| | 4-Chloro-3-methylphenol | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | | dmg | SW 8270C |
| | 2-Chlorophenol | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | | dmg | SW 8270C |
| | 2,4-Dichlorophenol | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | | dmg | SW 8270C |
| | 2,4-Dimethylphenol | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | | dmg | SW 8270C |
| | 2-Methyl-4,6-dinitrophenol | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | | dmg | SW 8270C |
| | 2-Methylphenol | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | | dmg | SW 8270C |
| | meta & para-Methylphenol | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | | dmg | SW 8270C |
| | 2-Nitrophenol | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | | dmg | SW 8270C |
| | Pentachlorophenol | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | | dmg | SW 8270C |
| | Phenol | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | | dmg | SW 8270C |
| | 2,4,5-Trichlorophenol | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | | dmg | SW 8270C |
| | 2,4,6-Trichlorophenol | <363 | | ug/kg dw | 08/20/2001 | 949 | 1465 | <363 | | dmg | SW 8270C |
| | Surrogate: d6-Phenol | 66 | | % | 08/20/2001 | 949 | 1465 | | | dmg | SW 8270C |
| | Surrogate: 2-Fluorophenol | 58 | | % | 08/20/2001 | 949 | 1465 | | | dmg | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/29/2001

Job Number: 01.14706

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|---------------------------|---------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | | Initials | |
| 700090 | SBI002:HMW25S:S210230:412 | | | | | | | Limit | | DATE/TIME TAKEN 08/10/2001 09:40 |
| Surrogate: Tribromophenol | | 79 | | % | 08/20/2001 | 949 | 1465 | | | dmg SW 8270C |
| PCB's M 8082, Non-Aq | | | | | | | | | | |
| Aroclor 1016 | | <0.55 | | mg/kg dw | 08/20/2001 | 105 | 187 | <0.55 | jdc | SW 8082 |
| Aroclor 1221 | | <0.55 | | mg/kg dw | 08/20/2001 | 105 | 187 | <0.55 | jdc | SW 8082 |
| Aroclor 1232 | | <0.55 | | mg/kg dw | 08/20/2001 | 105 | 187 | <0.55 | jdc | SW 8082 |
| Aroclor 1242 | | <0.55 | | mg/kg dw | 08/20/2001 | 105 | 187 | <0.55 | jdc | SW 8082 |
| Aroclor 1248 | | <0.55 | | mg/kg dw | 08/20/2001 | 105 | 187 | <0.55 | jdc | SW 8082 |
| Aroclor 1254 | | <0.55 | | mg/kg dw | 08/20/2001 | 105 | 187 | <0.55 | jdc | SW 8082 |
| Aroclor 1260 | | <0.55 | | mg/kg dw | 08/20/2001 | 105 | 187 | <0.55 | jdc | SW 8082 |
| Surrogate:TCX/DCB | | 81/82 | | % | 08/20/2001 | 105 | 187 | | jdc | SW 8082 |
| TPH - FTIR Non-aq | | <55 | | mg/kg dw | 08/23/2001 | 594 | 626 | <55 | 110 | 418.1 |

QUALITY CONTROL FLAG DEFINITIONS

Job Number: 01.14706

(*) Indicates an out-of-control QC. The analytical data was reported based on other supporting quality control information.

(Note) Indicates to review the notes and comments section of the analytical report as there is additional information concerning this analytical result.

(MS) Indicates that the Matrix Spike (MS) was out of statistical advisory limits.

(MSD) Indicates that the Matrix Spike Duplicate (MSD) was out of statistical advisory limits.

(RPD) Indicates that the Relative Percent Difference (RPD) for the MS/MSD pair was outside of statistical advisory limits.

(SS) Indicates that the MS and MSD were out of statistical advisory limits.

(SSR) Indicates that the MS, MSD and RPD were out of statistical advisory limits.

(MSR) Indicates that the MS and RPD were out of statistical advisory limits.

(MSDR) Indicates that the MSD and RPD were out of statistical advisory limits.

(DL) Indicates that the MS and MSD were diluted out and the percent recoveries of the spikes could not be calculated.

(LS) Indicates that statistical accuracy and precision data is not available for spike concentrations which are $< 1/4$ of the sample amount. Care should be used in interpreting this data.

(J) Indicates estimated concentration due to internal standard areas or surrogate recoveries outside of control limits. A sample matrix effect is usually indicated.

(DW) Indicates Dry Weight.

Analytical Reporting Limits

The reporting limits listed for non-aqueous samples in the analytical report section are Practical Quantitation Limits (PQLs). These PQLs are based upon a typical standard weight used for a non-aqueous sample. The reporting limit for a sample may be different from the PQL listed depending upon the actual weight of sample used, the samples moisture content and any dilutions used during the analysis.

NOTES AND COMMENTS

TestAmerica Job Number: 1.14706

Sample Number: 700080

Analysis: 8260 - Volatiles

Elevated reporting limits due to dilution for matrix interference.

Sample Number:700078

Analysis:8082 Soil Pcb's

The MB ,for this sample was accidently spiked with the LCS spike instead of the Surrogate spike. No Arochlors, above the reporting limits,were detected in the sample.

Sample Number: 700082

Analysis: 8270 soils

Recovery of acid surrogate 2-Fluorophenol was below the recommended 25-127% range. Surrogate recoveries for the remaining five surrogates were in control.

NOTES AND COMMENTS

TestAmerica Job Number: 1.14706

Sample Number: 700080

Analysis: 8260 - Volatiles

Elevated reporting limits due to dilution for matrix interference.

Sample Number: 700078

Analysis: 8082 Soil Pcbs

The MB ,for this sample was accidently spiked with the LCS spike instead of the Surrogate spike. No Arochlors, above the reporting limits, were detected in the sample.

Sample Number: 700082

Analysis: 8270 soils

Recovery of acid surrogate 2-Fluorophenol was below the recommended 25-127% range. Surrogate recoveries for the remaining five surrogates were in control.

Sample Number: 700080, 700081

Analysis: 8270 soils

Due to matrix interference, recovery of internal standard d12-Perylene was below the recommended 50-200% range. Results reported for the following compounds should be considered estimates due to the compromised internal standard result: Benzo(k)fluoranthene, Indeno(1,2,3-c,d)pyrene, and Dibenz(a,h)anthracene.

700571-90 14706

CHAIN OF CUSTODY RECORD

NO. 5326



Hull & Associates, Inc.

Dublin
6130 Wilcox Road
Dublin, Ohio 43016
Phone: (614)385-8777
FAX: (614)385-9070

Toledo
3401 Glendale Avenue
SUITE 300
Toledo, Ohio 43614
Phone: (419)385-2018
FAX: (419)385-5489

Mason
4700 Duke Drive, Suite 172
Mason, Ohio 45040
Phone: (513)459-9877
FAX: (513)459-9869

Warrensburg Heights
4949 Galaxy Parkway, Suite S
Warrensburg Heights, Ohio 44128
Phone: (216)514-7100
FAX: (216)514-7104

REPORT TO: Kevin Wideman

Client: South Bend
Site: Area A
Project#: SB1002 Phase: 01.TST
Samplers: M. Coon Fair

- SAMPLE TYPES:**
A - Asbestos
C - Sediment
D - Groundwater
P - Product
S - Soil
W - Water
Z - Others
- PRESERVATIVES:**
A - Cool only, <4°C
B - HNO₃ pH<2
C - H₂SO₄ pH<2
D - NaOH pH>12
E - Zinc acetate + NaOH, pH>9
F - Na₂S₂O₅ (0.008%)
G - HCl, pH <2
- METALS:**
F - FILTERED
N - NOT FILTERED
B - BOTH
- All samples are kept at 4°C.

| PROJECT NO. | SAMPLE LOCATION | SAMPLE TYPE | SAMPLER ID | NO. OF METALS CONT. | SAMPLING DATE/TIME | ANALYSES | COMMENTS |
|-------------|-----------------|-------------|------------|---------------------|--------------------|--------------------|----------|
| SB1002 | GB-36 | S000020 | 412 | 1 | 8/10/01 11:2 | TPH GAO TPH DEO | |
| SB1002 | GB-11 | S000015 | 412 | 4 | 8/10/01 11:33 | TPH GAO TPH DEO | |
| SB1002 | Hmw25s | S010025 | 412 | 4 | 8/14/01 8:15 | PCBs H/S/1 | |
| SB1002 | Hmw25s | S210230 | 412 | 3 | 8/14/01 9:40 | PCBs H/S/1 | |
| SB1002 | Hmw27s | S000015 | 412 | 4 | 8/13/01 1:00s | PCBs H/S/1 | |
| SB1002 | Hmw18s | S000010 | 412 | 3 | 8/14/01 4:53 | PCBs H/S/1 | |
| SB1002 | Hmw18s | S230250 | 412 | 3 | 8/14/01 9:25 | PCBs H/S/1 | |
| SB1002 | Hmw34s | S000010 | 412 | 3 | 8/14/01 11:36 | PCBs H/S/1 | |
| SB1002 | FB-1 | W081401 | 412 | 11 | 8/14/01 17:40 | PCBs H/S/1 | |
| SB1002 | TB-1 | W081401 | 412 | 3 | 8/14/01 | PCBs H/S/1 | |

RELINQUISHED BY: McNeil DATE: 8-14-01 TIME: 1140

RECEIVED BY: Fed Ex DATE: 8-14-01 TIME: 1140

RELINQUISHED BY: _____ DATE: _____ TIME: _____

RECEIVED BY: _____ DATE: _____ TIME: _____

RELINQUISHED BY: _____ DATE: _____ TIME: _____

RECEIVED BY: _____ DATE: 8-15-01 TIME: 1000

COOLER TEMPERATURE AS RECEIVED °C: 2

DELIVER TO: SAMPLE RECEIVING

METHOD OF DELIVERY: Fed Ex

AIRBILL NUMBER: 826265968017

NOTES: _____

TURN AROUND TIME: STANDARD DAYS

CHAIN OF CUSTODY RECORD

Hull & Associates, Inc.

Dublin 6130 Wilcox Road Dublin, Ohio 43016 Phone: (614)385-8777 FAX: (614)385-9070

Toledo 3401 Glendale Avenue SUITE 300 Toledo, Ohio 43614 Phone: (419)385-2018 FAX: (419)385-5489

Warrensville Heights 4949 Galaxy Parkway, Suite S Warrensville Heights, Ohio 44128 Phone: (216)514-7100 FAX: (216)514-7104

REPORT TO: Kevin Wildman

Client: South Bend Area A Project#: 581002 Phase: O.I.T.S.T. Samplers: M. Yeuvs

- SAMPLE TYPES: AIR, ASPHALT, SEDIMENT, GROUNDWATER, PRODUCT, SOIL, WATER, OTHERS. METALS: COOL ONLY, FILTERED, NOT FILTERED, BOTH.

Table with columns: PROJECT NO., SAMPLE LOCATION, SAMPLE TYPE, SAMPLER ID, NO. OF CONT., SAMPLING DATE/TIME, ANALYSES, COMMENTS. Includes handwritten entries for SBI002 and SRI002.

Administrative fields: RELINQUISHED BY (with signature), RECEIVED BY (FED EX), DATE/TIME stamps, DISTRIBUTION notes.

Notes: Deliver To: Sample Receiving; Method of Delivery: FED EX; Airbill Number: 826265968017; Turn Around Time: STANDARD DAYS.



Hull & Associates, Inc.

Dublin

6130 Wilcox Road
Dublin, Ohio 43016
Phone: (614)385-8777
Fax: (614)385-3070

Toledo

3401 Glendale Avenue
Suite 300
Toledo, Ohio 43614
Phone: (419)385-2018
Fax: (419)385-5489

Mason

4700 Duke Drive, Suite 172
Mason, Ohio 45040
Phone: (513)459-9877
Fax: (513)459-9889

Warrensville Heights

4949 Galaxy Parkway, Suite S
Warrensville Heights, Ohio 44128
Phone: (216)514-7100
Fax: (216)514-7104

REPORT TO: KEVIN WEDMANN

Client: SOUTH BEAR AREA A
Site: AREA A
Project#: SB1002 Phase: G.I.P.S.T.
Samplers: RTM

SAMPLE TYPES
A - AIR
AS - ASBESTOS
D - DUST
P - PRODUCT
S - SOIL
W - WATER
Z - OTHERS
All samples are kept at 4°C.

PRESERVATIVES
A - Cool only <4°C
B - HNO₃, pH<2
C - H₂SO₄, pH<2
D - HClOH, pH<12
E - Ascorbic acid + NaOH, pH>9
F - Na₂S₂O₅ (0.008%)
G - HCl, pH<2

METALS
F - FILTERED
N - NOT FILTERED
B - BOTH

PRESERVATIVES A

ANALYSES

| | |
|--------------|--|
| Asbestos | |
| Lead | |
| Mercury | |
| Cadmium | |
| Chromium | |
| Copper | |
| Nickel | |
| Vanadium | |
| Zinc | |
| Manganese | |
| Iron | |
| Magnesium | |
| Silica | |
| Sulfate | |
| Total Solids | |
| Calcium | |
| Chloride | |
| Fluoride | |
| Aluminum | |
| Selenium | |
| Cobalt | |
| Niobium | |
| Strontium | |
| Zirconium | |
| Boron | |
| Beryllium | |
| Barium | |
| Antimony | |
| Vanadium | |
| Chromium | |
| Cadmium | |
| Lead | |
| Mercury | |
| Manganese | |
| Nickel | |
| Copper | |
| Iron | |
| Zinc | |
| Sulfur | |
| Selenium | |
| Vanadium | |
| Chromium | |
| Cadmium | |
| Lead | |
| Mercury | |
| Manganese | |
| Nickel | |
| Copper | |
| Iron | |
| Zinc | |
| Sulfur | |

| PROJECT NO. | SAMPLE LOCATION | SAMPLE TYPE | SAMPLER ID | NO. OF METALS CONT. | SAMPLING DATE/TIME | COMMENTS |
|-------------|-----------------|-------------|------------|---------------------|--------------------|----------|
| SB1002 | HMW21D'SW05020 | | :428 | 3 | 8-13-01 0930 | X |
| SB1002 | HMW12S-SW05020 | | :428 | 3 | 8-14-01 0800 | X |
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RELINQUISHED BY: [Signature] DATE: 8-14-01 TIME: 1500

RECEIVED BY: [Signature] DATE: 8-14-01 TIME: 1840

RELINQUISHED BY: [Signature] DATE: 8-14-01 TIME: 1501

RECEIVED BY: [Signature] DATE: 8-14-01 TIME: 1800

DISTRIBUTION: [Signature]

COOLER TEMPERATURE AS RECEIVED °C: 2

Deliver To: DEPT. VARIABLES

Method of Delivery: FED. EX

Airbill Number: 826265968017

NOTES:

TURN AROUND TIME: STANDARD DAYS

SBI002

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/30/2001

Job Number: 01.15083


Enclosed is the analytical report for the following samples submitted to the Dayton Division of TestAmerica, Inc. for analysis:

| <u>Sample Number</u> | <u>Sample Description</u> | <u>Date Taken</u> | <u>Date Received</u> |
|----------------------|---------------------------|-------------------|----------------------|
| 701236 | SBI002:HMW9I:S005020:428 | 08/20/2001 | 08/21/2001 |
| 701237 | SBI002:TB1:W082001:428 | 08/20/2001 | 08/21/2001 |

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Reproduction of this analytical report is permitted only in its entirety.

Enclosure


Approved By

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/30/2001

Job Number: 01.15083

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|--------------------------------|----------|------|----------|---------------|--------------|--------------|-----------------|------------------|----------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 701236 | SBI002:HMW9I:S005020:428 | | | | | | | | | |
| | Dry Weight | 88.7 | | % | 08/27/2001 | | 1485 | | mhg | SM 2540 G. |
| | Prep, BNA Non-Aq | Complete | | | 08/21/2001 | 952 | | Complete | rec | EPA 625; SW 3540C; SW 3545 |
| | VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | |
| | 8260 - SW846 (Non-aq) | Complete | | | 08/22/2001 | | 1478 | Complete | dmg | |
| | Acetone | <113 | | ug/kg dw | 08/22/2001 | | 1478 | <113 | dmg | SW 8260A |
| | Benzene | <5.6 | | ug/kg dw | 08/22/2001 | | 1478 | <5.6 | dmg | SW 8260A |
| | tert-Butylbenzene | <5.6 | | ug/kg dw | 08/22/2001 | | 1478 | <5.6 | dmg | SW 8260A |
| | sec-Butylbenzene | <5.6 | | ug/kg dw | 08/22/2001 | | 1478 | <5.6 | dmg | SW 8260A |
| | n-Butylbenzene | <5.6 | | ug/kg dw | 08/22/2001 | | 1478 | <5.6 | dmg | SW 8260A |
| | Bromochloromethane | <5.6 | | ug/kg dw | 08/22/2001 | | 1478 | <5.6 | dmg | SW 8260A |
| | Bromodichloromethane | <5.6 | | ug/kg dw | 08/22/2001 | | 1478 | <5.6 | dmg | SW 8260A |
| | Bromoform | <5.6 | | ug/kg dw | 08/22/2001 | | 1478 | <5.6 | dmg | SW 8260A |
| | Bromobenzene | <5.6 | | ug/kg dw | 08/22/2001 | | 1478 | <5.6 | dmg | SW 8260A |
| | 2-Butanone (MEK) | <56 | | ug/kg dw | 08/22/2001 | | 1478 | <56 | dmg | SW 8260A |
| | Carbon disulfide | <5.6 | | ug/kg dw | 08/22/2001 | | 1478 | <5.6 | dmg | SW 8260A |
| | Carbon tetrachloride | 158 | | ug/kg dw | 08/22/2001 | | 1478 | <5.6 | dmg | SW 8260A |
| | Chlorobenzene | <5.6 | | ug/kg dw | 08/22/2001 | | 1478 | <5.6 | dmg | SW 8260A |
| | Chloroethane | <11.3 | | ug/kg dw | 08/22/2001 | | 1478 | <11.3 | dmg | SW 8260A |
| | 2-Chlorotoluene | <5.6 | | ug/kg dw | 08/22/2001 | | 1478 | <5.6 | dmg | SW 8260A |
| | 4-Chlorotoluene | <5.6 | | ug/kg dw | 08/22/2001 | | 1478 | <5.6 | dmg | SW 8260A |
| | Chloroform | 45.5 | | ug/kg dw | 08/22/2001 | | 1478 | <5.6 | dmg | SW 8260A |
| | Chloromethane | <11.3 | | ug/kg dw | 08/22/2001 | | 1478 | <11.3 | dmg | SW 8260A |
| | Dibromochloromethane | <5.6 | | ug/kg dw | 08/22/2001 | | 1478 | <5.6 | dmg | SW 8260A |
| | Dibromomethane | <5.6 | | ug/kg dw | 08/22/2001 | | 1478 | <5.6 | dmg | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/30/2001

Job Number: 01.15083

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 701236 | SBI002:HMW9I:S005020:428 | | | | | | | | | 08/20/2001 10:15 |
| | Dichlorodifluoromethane | <5.6 | | ug/kg dw | 08/22/2001 | 1478 | 1478 | <5.6 | dmg | SW 8260A |
| | 1,2-Dibromo-3-chloropropane | <5.6 | | ug/kg dw | 08/22/2001 | 1478 | 1478 | <5.6 | dmg | SW 8260A |
| | 1,2-Dichlorobenzene | <5.6 | | ug/kg dw | 08/22/2001 | 1478 | 1478 | <5.6 | dmg | SW 8260A |
| | 1,3-Dichlorobenzene | <5.6 | | ug/kg dw | 08/22/2001 | 1478 | 1478 | <5.6 | dmg | SW 8260A |
| | 1,4-Dichlorobenzene | <5.6 | | ug/kg dw | 08/22/2001 | 1478 | 1478 | <5.6 | dmg | SW 8260A |
| | 1,1-Dichloroethane | <5.6 | | ug/kg dw | 08/22/2001 | 1478 | 1478 | <5.6 | dmg | SW 8260A |
| | 1,2-Dichloroethane | <5.6 | | ug/kg dw | 08/22/2001 | 1478 | 1478 | <5.6 | dmg | SW 8260A |
| | 1,1-Dichloroethene | <5.6 | | ug/kg dw | 08/22/2001 | 1478 | 1478 | <5.6 | dmg | SW 8260A |
| | cis-1,2-Dichloroethene | <5.6 | | ug/kg dw | 08/22/2001 | 1478 | 1478 | <5.6 | dmg | SW 8260A |
| | trans-1,2-Dichloroethene | <5.6 | | ug/kg dw | 08/22/2001 | 1478 | 1478 | <5.6 | dmg | SW 8260A |
| | 1,2-Dichloropropane | <5.6 | | ug/kg dw | 08/22/2001 | 1478 | 1478 | <5.6 | dmg | SW 8260A |
| | 1,3-Dichloropropane | <5.6 | | ug/kg dw | 08/22/2001 | 1478 | 1478 | <5.6 | dmg | SW 8260A |
| | 2,2-Dichloropropane | <5.6 | | ug/kg dw | 08/22/2001 | 1478 | 1478 | <5.6 | dmg | SW 8260A |
| | 1,1-Dichloropropene | <5.6 | | ug/kg dw | 08/22/2001 | 1478 | 1478 | <5.6 | dmg | SW 8260A |
| | cis-1,3-Dichloropropene | <5.6 | | ug/kg dw | 08/22/2001 | 1478 | 1478 | <5.6 | dmg | SW 8260A |
| | trans-1,3-Dichloropropene | <5.6 | | ug/kg dw | 08/22/2001 | 1478 | 1478 | <5.6 | dmg | SW 8260A |
| | Ethylbenzene | <5.6 | | ug/kg dw | 08/22/2001 | 1478 | 1478 | <5.6 | dmg | SW 8260A |
| | Hexachlorobutadiene | <5.6 | | ug/kg dw | 08/22/2001 | 1478 | 1478 | <5.6 | dmg | SW 8260A |
| | n-Hexane | <22.5 | | ug/kg dw | 08/22/2001 | 1478 | 1478 | <22.5 | dmg | SW 8260A |
| | 2-Hexanone | <56.4 | | ug/kg dw | 08/22/2001 | 1478 | 1478 | <56.4 | dmg | SW 8260A |
| | Isopropylbenzene (Cumene) | <5.6 | | ug/kg dw | 08/22/2001 | 1478 | 1478 | <5.6 | dmg | SW 8260A |
| | p-Isopropyltoluene | <5.6 | | ug/kg dw | 08/22/2001 | 1478 | 1478 | <5.6 | dmg | SW 8260A |
| | Bromomethane | <11.3 | | ug/kg dw | 08/22/2001 | 1478 | 1478 | <11.3 | dmg | SW 8260A |
| | Methylene Chloride | <11.3 | | ug/kg dw | 08/22/2001 | 1478 | 1478 | <11.3 | dmg | SW 8260A |
| | Methyl t-butyl ether (MTBE) | <5.6 | | ug/kg dw | 08/22/2001 | 1478 | 1478 | <5.6 | dmg | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/30/2001

Job Number: 01.15083

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Analyst | Method Reference |
|------------------------------|--------------------------|----------|------|-------|---------------|--------------|--------------|-------------------|------------------|
| | | | | | | Batch Number | Batch Number | | |
| 701236 | SBI002:HMW9I:S005020:428 | | | | | | | | |
| | | | | | | | | DATE/TIME TAKEN | |
| | | | | | | | | 08/20/2001 10:15 | |
| 4-Methyl-2-pentanone (MIBK) | <56.4 | ug/kg dw | | | 08/22/2001 | 1478 | <56.4 | dmg | SW 8260A |
| n-Propylbenzene | <5.6 | ug/kg dw | | | 08/22/2001 | 1478 | <5.6 | dmg | SW 8260A |
| Styrene | <5.6 | ug/kg dw | | | 08/22/2001 | 1478 | <5.6 | dmg | SW 8260A |
| Naphthalene | <5.6 | ug/kg dw | | | 08/22/2001 | 1478 | <5.6 | dmg | SW 8260A |
| 1,1,1,2-Tetrachloroethane | <5.6 | ug/kg dw | | | 08/22/2001 | 1478 | <5.6 | dmg | SW 8260A |
| 1,1,2,2-Tetrachloroethane | <5.6 | ug/kg dw | | | 08/22/2001 | 1478 | <5.6 | dmg | SW 8260A |
| Tetrachloroethene | 4,740 | ug/kg dw | | | 08/23/2001 | 1482 | <282 | eap | SW 8260A |
| Toluene | <5.6 | ug/kg dw | | | 08/22/2001 | 1478 | <5.6 | dmg | SW 8260A |
| 1,2,4-Trichlorobenzene | <5.6 | ug/kg dw | | | 08/22/2001 | 1478 | <5.6 | dmg | SW 8260A |
| 1,1,1-Trichloroethane | <5.6 | ug/kg dw | | | 08/22/2001 | 1478 | <5.6 | dmg | SW 8260A |
| 1,1,2-Trichloroethane | <5.6 | ug/kg dw | | | 08/22/2001 | 1478 | <5.6 | dmg | SW 8260A |
| Trichloroethene | <5.6 | ug/kg dw | | | 08/22/2001 | 1478 | <5.6 | dmg | SW 8260A |
| Trichlorofluoromethane | <5.6 | ug/kg dw | | | 08/22/2001 | 1478 | <5.6 | dmg | SW 8260A |
| 1,2,3-Trichloropropane | <5.6 | ug/kg dw | | | 08/22/2001 | 1478 | <5.6 | dmg | SW 8260A |
| 1,2,4-Trimethylbenzene | <5.6 | ug/kg dw | | | 08/22/2001 | 1478 | <5.6 | dmg | SW 8260A |
| 1,3,5-Trimethylbenzene | <5.6 | ug/kg dw | | | 08/22/2001 | 1478 | <5.6 | dmg | SW 8260A |
| Vinyl Acetate | <5.6 | ug/kg dw | | | 08/22/2001 | 1478 | <5.6 | dmg | SW 8260A |
| Vinyl Chloride | <2.3 | ug/kg dw | | | 08/22/2001 | 1478 | <2.3 | dmg | SW 8260A |
| Xylenes, Total | <5.6 | ug/kg dw | | | 08/22/2001 | 1478 | <5.6 | dmg | SW 8260A |
| d4-1,2-Dichloroethane (surr) | 104 | ‡ | | | 08/22/2001 | 1478 | | dmg | SW 8260A |
| Dibromofluoromethane (surr) | 105 | ‡ | | | 08/22/2001 | 1478 | | dmg | SW 8260A |
| d8-Toluene (surr) | 116 | ‡ | | | 08/22/2001 | 1478 | | dmg | SW 8260A |
| Bromofluorobenzene (surr) | 126 | Note ‡ | | | 08/22/2001 | 1478 | | dmg | SW 8260A |

BASE NEUT. COMPS. -8270 Non-aq

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/30/2001

Job Number: 01.15083

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting | Analyst | Method Reference |
|------------|----------------------------|--------|------|----------|---------------|--------------|--------------|-----------|---------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 701236 | SBI002:HMW9I:S005020:428 | | | | | | | | | DATE/TIME TAKEN 08/20/2001 10:15 |
| | 2,4-Dichlorophenol | <372 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <372 | jrw | SW 8270C |
| | 2,4-Dimethylphenol | <372 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <372 | jrw | SW 8270C |
| | 2-Methyl-4,6-dinitrophenol | <372 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <372 | jrw | SW 8270C |
| | 2-Methylphenol | <372 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <372 | jrw | SW 8270C |
| | meta & para-Methylphenol | <372 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <372 | jrw | SW 8270C |
| | 2-Nitrophenol | <372 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <372 | jrw | SW 8270C |
| | Pentachlorophenol | <372 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <372 | jrw | SW 8270C |
| | Phenol | <372 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <372 | jrw | SW 8270C |
| | 2,4,5-Trichlorophenol | <372 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <372 | jrw | SW 8270C |
| | 2,4,6-Trichlorophenol | <372 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <372 | jrw | SW 8270C |
| | Surrogate: d6-Phenol | 46 | | ‡ | 08/24/2001 | 952 | 1473 | | jrw | SW 8270C |
| | Surrogate: 2-Fluorophenol | 33 | | ‡ | 08/24/2001 | 952 | 1473 | | jrw | SW 8270C |
| | Surrogate: Tribromophenol | 51 | | ‡ | 08/24/2001 | 952 | 1473 | | jrw | SW 8270C |
| | TPH - GRO (Non-Aqueous) | <6 | | mg/kg dw | 08/23/2001 | | 248 | <6 | meb | SW 8015M |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/30/2001

Job Number: 01.15083

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|------------------------|----------|------|-------|------------|-------|-------|-----------|---------|------------------|
| | | | | | Analyzed | Batch | Batch | | Limit | |
| 701237 | SBI002:TB1:W082001:428 | | | | | | | | | |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | | Complete | | | 08/22/2001 | | 3513 | Complete | eap | |
| Acetone | | <20.0 | | ug/L | 08/22/2001 | | 3513 | <20.0 | eap | SW 8260A |
| Benzene | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| tert-Butylbenzene | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| sec-Butylbenzene | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| n-Butylbenzene | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| Bromochloromethane | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| Bromodichloromethane | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| Bromoform | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| Bromobenzene | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| 2-Butanone (MEK) | | <12.5 | | ug/L | 08/22/2001 | | 3513 | <12.5 | eap | SW 8260A |
| Carbon disulfide | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| Carbon tetrachloride | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| Chlorobenzene | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| Chloroethane | | <5.0 | | ug/L | 08/22/2001 | | 3513 | <5.0 | eap | SW 8260A |
| 2-Chlorotoluene | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| 4-Chlorotoluene | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| Chloroform | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| Chloromethane | | <5.0 | | ug/L | 08/22/2001 | | 3513 | <5.0 | eap | SW 8260A |
| Dibromochloromethane | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| Dibromomethane | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| Dichlorodifluoromethane | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| 1,2-Dibromo-3-chloropropane | | <5.0 | | ug/L | 08/22/2001 | | 3513 | <5.0 | eap | SW 8260A |
| 1,2-Dichlorobenzene | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |

DATE/TIME TAKEN
 08/20/2001

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/30/2001

Job Number: 01.15083

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|-----------------------------|------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|-------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 701237 | SBI002:TB1:W082001:428 | | | | | | | | | DATE/TIME TAKEN 08/20/2001 |
| 1,3-Dichlorobenzene | | <1.0 | | ug/L | 08/22/2001 | 3513 | | <1.0 | eap | SW 8260A |
| 1,4-Dichlorobenzene | | <1.0 | | ug/L | 08/22/2001 | 3513 | | <1.0 | eap | SW 8260A |
| 1,1-Dichloroethane | | <1.0 | | ug/L | 08/22/2001 | 3513 | | <1.0 | eap | SW 8260A |
| 1,2-Dichloroethane | | <1.0 | | ug/L | 08/22/2001 | 3513 | | <1.0 | eap | SW 8260A |
| 1,1-Dichloroethene | | <1.0 | | ug/L | 08/22/2001 | 3513 | | <1.0 | eap | SW 8260A |
| cis-1,2-Dichloroethene | | <1.0 | | ug/L | 08/22/2001 | 3513 | | <1.0 | eap | SW 8260A |
| trans-1,2-Dichloroethene | | <1.0 | | ug/L | 08/22/2001 | 3513 | | <1.0 | eap | SW 8260A |
| 1,2-Dichloropropane | | <1.0 | | ug/L | 08/22/2001 | 3513 | | <1.0 | eap | SW 8260A |
| 1,3-Dichloropropane | | <1.0 | | ug/L | 08/22/2001 | 3513 | | <1.0 | eap | SW 8260A |
| 2,2-Dichloropropane | | <1.0 | | ug/L | 08/22/2001 | 3513 | | <1.0 | eap | SW 8260A |
| 1,1-Dichloropropene | | <1.0 | | ug/L | 08/22/2001 | 3513 | | <1.0 | eap | SW 8260A |
| cis-1,3-Dichloropropene | | <1.0 | | ug/L | 08/22/2001 | 3513 | | <1.0 | eap | SW 8260A |
| trans-1,3-Dichloropropene | | <1.0 | | ug/L | 08/22/2001 | 3513 | | <1.0 | eap | SW 8260A |
| Ethylbenzene | | <1.0 | | ug/L | 08/22/2001 | 3513 | | <1.0 | eap | SW 8260A |
| Hexachlorobutadiene | | <5.0 | | ug/L | 08/22/2001 | 3513 | | <5.0 | eap | SW 8260A |
| n-Hexane | | <5.0 | | ug/L | 08/22/2001 | 3513 | | <5.0 | eap | SW 8260A |
| 2-Hexanone | | <12.5 | | ug/L | 08/22/2001 | 3513 | | <12.5 | eap | SW 8260A |
| Isopropylbenzene (Cumene) | | <1.0 | | ug/L | 08/22/2001 | 3513 | | <1.0 | eap | SW 8260A |
| p-Isopropyltoluene | | <1.0 | | ug/L | 08/22/2001 | 3513 | | <1.0 | eap | SW 8260A |
| Bromomethane | | <5.0 | | ug/L | 08/22/2001 | 3513 | | <5.0 | eap | SW 8260A |
| Methylene Chloride | | <5.0 | | ug/L | 08/22/2001 | 3513 | | <5.0 | eap | SW 8260A |
| Methyl t-butyl ether (MTBE) | | <5.0 | | ug/L | 08/22/2001 | 3513 | | <5.0 | eap | SW 8260A |
| 4-Methyl-2-pentanone (MIBK) | | <12.5 | | ug/L | 08/22/2001 | 3513 | | <12.5 | eap | SW 8260A |
| n-Propylbenzene | | <1.0 | | ug/L | 08/22/2001 | 3513 | | <1.0 | eap | SW 8260A |
| Styrene | | <1.0 | | ug/L | 08/22/2001 | 3513 | | <1.0 | eap | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/30/2001

Job Number: 01.15083

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|------------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 701237 | SBI002:TB1:W082001:428 | | | | | | | | | DATE/TIME TAKEN 08/20/2001 |
| | Naphthalene | <5.0 | | ug/L | 08/22/2001 | | 3513 | <5.0 | eap | SW 8260A |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| | Tetrachloroethene | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| | Toluene | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 08/22/2001 | | 3513 | <5.0 | eap | SW 8260A |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| | Trichloroethene | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| | Trichlorofluoromethane | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 08/22/2001 | | 3513 | <5.0 | eap | SW 8260A |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| | Vinyl Acetate | <5.0 | | ug/L | 08/22/2001 | | 3513 | <5.0 | eap | SW 8260A |
| | Vinyl Chloride | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| | Xylenes | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| | d4-1,2-Dichloroethane (surr) | 105 | | % | 08/22/2001 | | 3513 | | eap | SW 8260A |
| | Dibromofluoromethane (surr) | 105 | | % | 08/22/2001 | | 3513 | | eap | SW 8260A |
| | d8-Toluene (surr) | 92 | | % | 08/22/2001 | | 3513 | | eap | SW 8260A |
| | Bromofluorobenzene (surr) | 97 | | % | 08/22/2001 | | 3513 | | eap | SW 8260A |

QUALITY CONTROL FLAG DEFINITIONS

Job Number: 01.15083

(*) Indicates an out-of-control QC. The analytical data was reported based on other supporting quality control information.

(Note) Indicates to review the notes and comments section of the analytical report as there is additional information concerning this analytical result.

(MS) Indicates that the Matrix Spike (MS) was out of statistical advisory limits.

(MSD) Indicates that the Matrix Spike Duplicate (MSD) was out of statistical advisory limits.

(RPD) Indicates that the Relative Percent Difference (RPD) for the MS/MSD pair was outside of statistical advisory limits.

(SS) Indicates that the MS and MSD were out of statistical advisory limits.

(SSR) Indicates that the MS, MSD and RPD were out of statistical advisory limits.

(MSR) Indicates that the MS and RPD were out of statistical advisory limits.

(MSDR) Indicates that the MSD and RPD were out of statistical advisory limits.

(DL) Indicates that the MS and MSD were diluted out and the percent recoveries of the spikes could not be calculated.

(LS) Indicates that statistical accuracy and precision data is not available for spike concentrations which are $< 1/4$ of the sample amount. Care should be used in interpreting this data.

(J) Indicates estimated concentration due to internal standard areas or surrogate recoveries outside of control limits. A sample matrix effect is usually indicated.

(DW) Indicates Dry Weight.

Analytical Reporting Limits

The reporting limits listed for non-aqueous samples in the analytical report section are Practical Quantitation Limits (PQLs). These PQLs are based upon a typical standard weight used for a non-aqueous sample. The reporting limit for a sample may be different from the PQL listed depending upon the actual weight of sample used, the samples moisture content and any dilutions used during the analysis.

NOTES AND COMMENTS

TestAmerica Job Number: 1.15083

Sample Number: 701236

Analysis: 8260 soil

Recovery of internal standard 1,4-Dichlorobenzene-d4 was below the recommended 50-200% range. Results were confirmed with a replicate analysis. No detections were reported from this run.



CHAIN OF CUSTODY RECORD

701352-14083

- Dublin
 - 6130 Wilcox Road
 - Dublin, Ohio 43016
 - Phone: (614)385-8777
 - FAX: (614)385-9070
- Toledo
 - 3401 Glendole Avenue
 - SUITE 300
 - Toledo, Ohio 43614
 - Phone: (419)385-2018
 - FAX: (419)385-5489
- Mason
 - 4700 Duke Drive, Suite 172
 - Mason, Ohio 45040
 - Phone: (513)459-9677
 - FAX: (513)459-9889
- Warrensville Heights
 - 4949 Galaxy Parkway, Suite 5
 - Warrensville Heights, Ohio 44128
 - Phone: (216)514-7100
 - FAX: (216)514-7104

REPORT TO: Kevin Waldman

Client: South Bend

Site: Ave 4

Project#: SB1002 Phase: 01-T1

Samplers: KJM

| SAMPLE TYPES | PRESERVATIVES | METALS |
|-----------------|--|--------------|
| A - AIR | A - Cool only, < 4° C | F - FILTERED |
| C - ASPHALT | B - HNO ₃ pH<2 | B - BOTH |
| D - SEDIMENT | C - H ₂ SO ₄ pH<2 | |
| E - GROUNDWATER | D - NaOH pH>12 | |
| F - PRODUCT | E - Zincate + NaOH, pH>8 | |
| G - SOIL | F - Na ₂ SO ₄ (0.008M) | |
| H - WASTE | G - Ind. pH < 2 | |
| I - OTHERS | | |

All samples are kept at 4°C.

| PROJECT NO. | SAMPLE LOCATION | SAMPLE TYPE | SAMPLER ID | NO. OF METALS | SAMPLING DATE/TIME | ANALYSES | COMMENTS |
|-------------|-----------------|-------------|------------|---------------|--------------------|---------------------------|----------|
| SB1002 | HWY 1 | Soils | 428 | 3 | 8-20-01 | UOL SVOC TPH GEO | |
| SB1002 | TBI | W082001 | 428 | 3 | 8-20-01 | | |
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RELINQUISHED BY: Kevin Waldman DATE: 8-20-01 TIME: 17-45

RECEIVED BY: Kevin Waldman DATE: 8-20-01 TIME: 17-45

RELINQUISHED BY: Mark Young DATE: 8-20-01 TIME: 16-30

RECEIVED BY: Mark Young DATE: 8-20-01 TIME: 16-30

RELINQUISHED BY: Mark Young DATE: 8-20-01 TIME: 16-30

RECEIVED BY: Mark Young DATE: 8-20-01 TIME: 16-30

COOLER TEMPERATURE AS RECEIVED °C: 5

RECEIVED FOR LAB BY: Kevin Waldman DATE: 8-20-01 TIME: 16-30

RECEIVED BY: Kevin Waldman DATE: 8-20-01 TIME: 16-30

DESCRIPTION: UOL SVOC TPH GEO

DELIVER TO: Test America

METHOD OF DELIVERY: GPO EX

AIRBILL NUMBER: 8222652683418

NOTES: Please check these casing top

TURN AROUND TIME: 57 DAYS

1000_300_0168.DWG 07/26/99 KMAC



SPT001/SBI002

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/30/2001

Job Number: 01.14810


Enclosed is the analytical report for the following samples submitted to the Dayton Division of TestAmerica, Inc. for analysis:

| <u>Sample Number</u> | <u>Sample Description</u> | <u>Date Taken</u> | <u>Date Received</u> |
|----------------------|-----------------------------|-------------------|----------------------|
| 700405 | SBI001:HMW-14S:S010015:412 | 08/15/2001 | 08/16/2001 |
| 700406 | SBI001:HMW-14SD:S010015:412 | 08/15/2001 | 08/16/2001 |
| 700407 | SBI001:HMW-14S:S040050:412 | 08/15/2001 | 08/16/2001 |
| 700408 | SBI001:HMW-14S:S190210:412 | 08/15/2001 | 08/16/2001 |
| 700409 | SBI001:HMW-14S:S210230:412 | 08/15/2001 | 08/16/2001 |
| 700410 | SBI002:HMW-9D:S000020:505 | 08/15/2001 | 08/16/2001 |
| 700411 | SBI002:HMW-9DD:S000020:505 | 08/15/2001 | 08/16/2001 |
| 700412 | SBI002:FB1:W081501:505 | 08/15/2001 | 08/16/2001 |
| 700413 | SBI002:TB1:W081501 | 08/15/2001 | 08/16/2001 |

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Reproduction of this analytical report is permitted only in its entirety.

Enclosure


Approved By

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|--------------------------------|----------------------------|----------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 700405 | SBI001:HMW-14S:S010015:412 | | | | | | | | | DATE/TIME TAKEN 08/15/2001 08:35 |
| Dry Weight | | 93.3 | | % | 08/24/2001 | | 1484 | | mhg | SM 2540 G. |
| Prep, PCBs Non-Aq 8082 | | Complete | | | 08/20/2001 | 105 | | Complete | lmc | SW 3540C; SW 3545 |
| Prep, BNA Non-Aq | | Complete | | | 08/21/2001 | 952 | | Complete | rec | EPA 625; SW 3540C; SW 3545 |
| Prep, TPH 418.1 Nonaq | | COMPLETE | | | 08/21/2001 | 595 | | Complete | sub | SW 9071 |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | | Complete | | | 08/17/2001 | | 1471 | Complete | bmh | |
| Acetone | | <107 | | ug/kg dw | 08/17/2001 | | 1471 | <107 | bmh | SW 8260A |
| Benzene | | <5.4 | ms | ug/kg dw | 08/17/2001 | | 1471 | <5.4 | bmh | SW 8260A |
| tert-Butylbenzene | | <5.4 | | ug/kg dw | 08/17/2001 | | 1471 | <5.4 | bmh | SW 8260A |
| sec-Butylbenzene | | <5.4 | | ug/kg dw | 08/17/2001 | | 1471 | <5.4 | bmh | SW 8260A |
| n-Butylbenzene | | <5.4 | | ug/kg dw | 08/17/2001 | | 1471 | <5.4 | bmh | SW 8260A |
| Bromochloromethane | | <5.4 | | ug/kg dw | 08/17/2001 | | 1471 | <5.4 | bmh | SW 8260A |
| Bromodichloromethane | | <5.4 | | ug/kg dw | 08/17/2001 | | 1471 | <5.4 | bmh | SW 8260A |
| Bromoform | | <5.4 | | ug/kg dw | 08/17/2001 | | 1471 | <5.4 | bmh | SW 8260A |
| Bromobenzene | | <5.4 | | ug/kg dw | 08/17/2001 | | 1471 | <5.4 | bmh | SW 8260A |
| 2-Butanone (MEK) | | <54 | | ug/kg dw | 08/17/2001 | | 1471 | <54 | bmh | SW 8260A |
| Carbon disulfide | | <5.4 | | ug/kg dw | 08/17/2001 | | 1471 | <5.4 | bmh | SW 8260A |
| Carbon tetrachloride | | <5.4 | | ug/kg dw | 08/17/2001 | | 1471 | <5.4 | bmh | SW 8260A |
| Chlorobenzene | | <5.4 | ss | ug/kg dw | 08/17/2001 | | 1471 | <5.4 | bmh | SW 8260A |
| Chloroethane | | <10.7 | | ug/kg dw | 08/17/2001 | | 1471 | <10.7 | bmh | SW 8260A |
| 2-Chlorotoluene | | <5.4 | | ug/kg dw | 08/17/2001 | | 1471 | <5.4 | bmh | SW 8260A |
| 4-Chlorotoluene | | <5.4 | | ug/kg dw | 08/17/2001 | | 1471 | <5.4 | bmh | SW 8260A |
| Chloroform | | <5.4 | | ug/kg dw | 08/17/2001 | | 1471 | <5.4 | bmh | SW 8260A |
| Chloromethane | | <10.7 | | ug/kg dw | 08/17/2001 | | 1471 | <10.7 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------------------------|----------------------------|--------|-------|------------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 700405 | SBI001:HMW-14S:S010015:412 | | | | | | | | | DATE/TIME TAKEN 08/15/2001 08:35 |
| Methylene Chloride | <10.7 | ug/kg | dw | 08/17/2001 | 1471 | <10.7 | bmh | SW 8260A | | |
| Methyl t-butyl ether (MTBE) | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW 8260A | | |
| 4-Methyl-2-pentanone (MIBK) | <53.6 | ug/kg | dw | 08/17/2001 | 1471 | <53.6 | bmh | SW 8260A | | |
| n-Propylbenzene | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW 8260A | | |
| Styrene | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW 8260A | | |
| Naphthalene | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW 8260A | | |
| 1,1,1,2-Tetrachloroethane | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW 8260A | | |
| 1,1,2,2-Tetrachloroethane | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW 8260A | | |
| Tetrachloroethene | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW 8260A | | |
| Toluene | <5.4 | ss | ug/kg | dw | 08/17/2001 | <5.4 | bmh | SW 8260A | | |
| 1,2,4-Trichlorobenzene | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW 8260A | | |
| 1,1,1-Trichloroethane | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW 8260A | | |
| 1,1,2-Trichloroethane | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW 8260A | | |
| Trichloroethene | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW 8260A | | |
| Trichlorofluoromethane | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW 8260A | | |
| 1,2,3-Trichloropropane | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW 8260A | | |
| 1,2,4-Trimethylbenzene | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW 8260A | | |
| 1,3,5-Trimethylbenzene | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW 8260A | | |
| Vinyl Acetate | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW 8260A | | |
| Vinyl Chloride | <2.1 | ug/kg | dw | 08/17/2001 | 1471 | <2.1 | bmh | SW 8260A | | |
| Xylenes, Total | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW 8260A | | |
| d4-1,2-Dichloroethane (surr) | 89 | % | | 08/17/2001 | 1471 | | bmh | SW 8260A | | |
| Dibromofluoromethane (surr) | 91 | % | | 08/17/2001 | 1471 | | bmh | SW 8260A | | |
| d8-Toluene (surr) | 100 | % | | 08/17/2001 | 1471 | | bmh | SW 8260A | | |
| Bromofluorobenzene (surr) | 105 | % | | 08/17/2001 | 1471 | | bmh | SW 8260A | | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-------------------------------|------------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 700405 | SBI001:HMW-14S:S010015:412 | | | | | | | | | |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| | Acenaphthene | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| | Acenaphthylene | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| | Anthracene | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| | Benzo(a)anthracene | 1,220 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| | Benzo(b)fluoranthene | 1,700 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| | Benzo(k)fluoranthene | 626 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| | Benzo(a)pyrene | 1,390 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <177 | jrw | SW 8270C |
| | Benzyl alcohol | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| | Benzyl butyl phthalate | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| | Bis(2-chloroethyl) ether | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| | Bis(2-chloroethoxy)methane | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| | Bis(2-ethylhexyl)phthalate | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| | 2,2'-oxybis(1-Chloropropane) | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| | 4-Bromophenyl phenyl ether | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| | 4-Chloroaniline | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| | 2-Chloronaphthalene | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| | Chrysene | 1,160 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| | Dibenzo(a,h)anthracene | <177 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <177 | jrw | SW 8270C |
| | Dibenzofuran | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| | 1,2-Dichlorobenzene | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| | 1,3-Dichlorobenzene | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| | 1,4-Dichlorobenzene | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| | 3,3'-Dichlorobenzidine | <707 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <707 | jrw | SW 8270C |
| | Diethyl phthalate | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------------------------|----------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 700405 | SBI001:HMW-14S:S010015:412 | | | | | | | | | DATE/TIME TAKEN 08/15/2001 08:35 |
| Dimethyl phthalate | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| 2,4-Dinitrotoluene | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| 2,6-Dinitrotoluene | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| Di-n-octylphthalate | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| Fluoranthene | | 1,790 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| Fluorene | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| Hexachlorobenzene | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| Hexachloro-1,3-butadiene | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| Hexachlorocyclopentadiene | | <707 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <707 | jrw | SW 8270C |
| Hexachloroethane | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| Indeno(1,2,3-cd)pyrene | | 484 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| Isophorone | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| Naphthalene | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| Nitrobenzene | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| N-Nitrosodi-n-propylamine | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| Phenanthrene | | 509 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| Pyrene | | 1,550 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| 1,2,4-Trichlorobenzene | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| Surrogate: d5-Nitrobenzene | | 90 | | % | 08/24/2001 | 952 | 1473 | | jrw | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 100 | | % | 08/24/2001 | 952 | 1473 | | jrw | SW 8270C |
| Surrogate: d14-Terphenyl | | 78 | | % | 08/24/2001 | 952 | 1473 | | jrw | SW 8270C |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | |
| Benzoic Acid | | <1,770 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <1,770 | jrw | SW 8270C |
| 4-Chloro-3-methylphenol | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |

ANALYTICAL REPORT

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 6130 Wilcox Rd.
 Dublin, OH 43016

08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method | Reference |
|------------|----------------------------|--------|------|----------|------------|-------|-------|-----------|---------|--------|-----------|
| | | | | | Analyzed | Batch | Batch | | | | |
| 700405 | SBI001:HMW-14S:S010015:412 | | | | | | | | | | |
| | 2-Chlorophenol | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrj | SW | 8270C |
| | 2,4-Dichlorophenol | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrj | SW | 8270C |
| | 2,4-Dimethylphenol | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrj | SW | 8270C |
| | 2-Methyl-4,6-dinitrophenol | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrj | SW | 8270C |
| | 2-Methylphenol | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrj | SW | 8270C |
| | meta & para-Methylphenol | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrj | SW | 8270C |
| | 2-Nitrophenol | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrj | SW | 8270C |
| | Pentachlorophenol | <354 | SS | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrj | SW | 8270C |
| | Phenol | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrj | SW | 8270C |
| | 2,4,5-Trichlorophenol | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrj | SW | 8270C |
| | 2,4,6-Trichlorophenol | <354 | SS | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrj | SW | 8270C |
| | Surrogate: d6-Phenol | 77 | | % | 08/24/2001 | 952 | 1473 | | jrj | SW | 8270C |
| | Surrogate: 2-Fluorophenol | 63 | | % | 08/24/2001 | 952 | 1473 | | jrj | SW | 8270C |
| | Surrogate: Tribromophenol | 41 | | % | 08/24/2001 | 952 | 1473 | | jrj | SW | 8270C |
| | PCB's M 8082, Non-Aq | | | | | | | | | | |
| | Aroclor 1016 | <0.54 | | mg/kg dw | 08/21/2001 | 105 | 190 | <0.54 | jdc | SW | 8082 |
| | Aroclor 1221 | <0.54 | | mg/kg dw | 08/21/2001 | 105 | 190 | <0.54 | jdc | SW | 8082 |
| | Aroclor 1232 | <0.54 | | mg/kg dw | 08/21/2001 | 105 | 190 | <0.54 | jdc | SW | 8082 |
| | Aroclor 1242 | <0.54 | | mg/kg dw | 08/21/2001 | 105 | 190 | <0.54 | jdc | SW | 8082 |
| | Aroclor 1248 | <0.54 | | mg/kg dw | 08/21/2001 | 105 | 190 | <0.54 | jdc | SW | 8082 |
| | Aroclor 1254 | <0.54 | | mg/kg dw | 08/21/2001 | 105 | 190 | <0.54 | jdc | SW | 8082 |
| | Aroclor 1260 | <0.54 | | mg/kg dw | 08/21/2001 | 105 | 190 | <0.54 | jdc | SW | 8082 |
| | Surrogate: TCX/DCB | 75/63 | | % | 08/21/2001 | 105 | 190 | | jdc | SW | 8082 |
| | TPH - FTIR Non-aq | 182 | | mg/kg dw | 08/22/2001 | 595 | 627 | <54 | 260 | 418.1 | |

ANALYTICAL REPORT

Kevin Wildman
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 6130 Wilcox Rd.
 Dublin, OH 43016

08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|--------------------------------|-----------------------------|----------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 700406 | SBI001:HMW-14SD:S010015:412 | | | | | | | | | DATE/TIME TAKEN 08/15/2001 08:35 |
| Dry Weight | 93.3 | % | | | 08/24/2001 | | 1484 | | | mhg SM 2540 G. |
| Prep, PCBs Non-Aq 8082 | Complete | | | | 08/20/2001 | 105 | | Complete | | lmc SW 3540C; SW 3545 |
| Prep, BNA Non-Aq | Complete | | | | 08/21/2001 | 952 | | Complete | | rec EPA 625; SW 3540C; SW 3545 |
| Prep, TPH 418.1 Nonaq | COMPLETE | | | | 08/21/2001 | 595 | | Complete | | sub SW 9071 |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | Complete | | | | 08/17/2001 | | 1471 | Complete | | bmh |
| Acetone | <107 | ug/kg dw | | | 08/17/2001 | | 1471 | <107 | | bmh SW 8260A |
| Benzene | <5.4 | ug/kg dw | | | 08/17/2001 | | 1471 | <5.4 | | bmh SW 8260A |
| tert-Butylbenzene | <5.4 | ug/kg dw | | | 08/17/2001 | | 1471 | <5.4 | | bmh SW 8260A |
| sec-Butylbenzene | <5.4 | ug/kg dw | | | 08/17/2001 | | 1471 | <5.4 | | bmh SW 8260A |
| n-Butylbenzene | <5.4 | ug/kg dw | | | 08/17/2001 | | 1471 | <5.4 | | bmh SW 8260A |
| Bromochloromethane | <5.4 | ug/kg dw | | | 08/17/2001 | | 1471 | <5.4 | | bmh SW 8260A |
| Bromodichloromethane | <5.4 | ug/kg dw | | | 08/17/2001 | | 1471 | <5.4 | | bmh SW 8260A |
| Bromoform | <5.4 | ug/kg dw | | | 08/17/2001 | | 1471 | <5.4 | | bmh SW 8260A |
| Bromobenzene | <5.4 | ug/kg dw | | | 08/17/2001 | | 1471 | <5.4 | | bmh SW 8260A |
| 2-Butanone (MEK) | <54 | ug/kg dw | | | 08/17/2001 | | 1471 | <54 | | bmh SW 8260A |
| Carbon disulfide | <5.4 | ug/kg dw | | | 08/17/2001 | | 1471 | <5.4 | | bmh SW 8260A |
| Carbon tetrachloride | <5.4 | ug/kg dw | | | 08/17/2001 | | 1471 | <5.4 | | bmh SW 8260A |
| Chlorobenzene | <5.4 | ug/kg dw | | | 08/17/2001 | | 1471 | <5.4 | | bmh SW 8260A |
| Chloroethane | <10.7 | ug/kg dw | | | 08/17/2001 | | 1471 | <10.7 | | bmh SW 8260A |
| 2-Chlorotoluene | <5.4 | ug/kg dw | | | 08/17/2001 | | 1471 | <5.4 | | bmh SW 8260A |
| 4-Chlorotoluene | <5.4 | ug/kg dw | | | 08/17/2001 | | 1471 | <5.4 | | bmh SW 8260A |
| Chloroform | <5.4 | ug/kg dw | | | 08/17/2001 | | 1471 | <5.4 | | bmh SW 8260A |
| Chloromethane | <10.7 | ug/kg dw | | | 08/17/2001 | | 1471 | <10.7 | | bmh SW 8260A |

ANALYTICAL REPORT

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 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|-----------------------------|--------|------|------------|----------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 700406 | SBI001:HMW-14SD:S010015:412 | | | | | | | | | DATE/TIME TAKEN 08/15/2001 08:35 |
| Dibromochloromethane | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW 8260A | | |
| Dibromomethane | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW 8260A | | |
| Dichlorodifluoromethane | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW 8260A | | |
| 1,2-Dibromo-3-chloropropane | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW 8260A | | |
| 1,2-Dichlorobenzene | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW 8260A | | |
| 1,3-Dichlorobenzene | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW 8260A | | |
| 1,4-Dichlorobenzene | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW 8260A | | |
| 1,1-Dichloroethane | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW 8260A | | |
| 1,2-Dichloroethane | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW 8260A | | |
| 1,1-Dichloroethene | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW 8260A | | |
| cis-1,2-Dichloroethene | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW 8260A | | |
| trans-1,2-Dichloroethene | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW 8260A | | |
| 1,2-Dichloropropane | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW 8260A | | |
| 1,3-Dichloropropane | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW 8260A | | |
| 2,2-Dichloropropane | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW 8260A | | |
| 1,1-Dichloropropene | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW 8260A | | |
| cis-1,3-Dichloropropene | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW 8260A | | |
| trans-1,3-Dichloropropene | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW 8260A | | |
| Ethylbenzene | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW 8260A | | |
| Hexachlorobutadiene | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW 8260A | | |
| n-Hexane | <21.4 | ug/kg | dw | 08/17/2001 | 1471 | <21.4 | bmh | SW 8260A | | |
| 2-Hexanone | <53.6 | ug/kg | dw | 08/17/2001 | 1471 | <53.6 | bmh | SW 8260A | | |
| Isopropylbenzene (Cumene) | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW 8260A | | |
| p-Isopropyltoluene | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW 8260A | | |
| Bromomethane | <10.7 | ug/kg | dw | 08/17/2001 | 1471 | <10.7 | bmh | SW 8260A | | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------------------------|-----------------------------|--------|------|------------|----------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 700406 | SBI001:HMW-14SD:S010015:412 | | | | | | | | | DATE/TIME TAKEN 08/15/2001 08:35 |
| Methylene Chloride | <10.7 | ug/kg | dw | 08/17/2001 | 1471 | <10.7 | bmh | SW | 8260A | |
| Methyl t-butyl ether (MTBE) | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW | 8260A | |
| 4-Methyl-2-pentanone (MIBK) | <53.6 | ug/kg | dw | 08/17/2001 | 1471 | <53.6 | bmh | SW | 8260A | |
| n-Propylbenzene | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW | 8260A | |
| Styrene | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW | 8260A | |
| Naphthalene | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW | 8260A | |
| 1,1,1,2-Tetrachloroethane | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW | 8260A | |
| 1,1,2,2-Tetrachloroethane | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW | 8260A | |
| Tetrachloroethene | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW | 8260A | |
| Toluene | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW | 8260A | |
| 1,2,4-Trichlorobenzene | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW | 8260A | |
| 1,1,1-Trichloroethane | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW | 8260A | |
| 1,1,2-Trichloroethane | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW | 8260A | |
| Trichloroethene | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW | 8260A | |
| Trichlorofluoromethane | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW | 8260A | |
| 1,2,3-Trichloropropane | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW | 8260A | |
| 1,2,4-Trimethylbenzene | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW | 8260A | |
| 1,3,5-Trimethylbenzene | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW | 8260A | |
| Vinyl Acetate | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW | 8260A | |
| Vinyl Chloride | <2.1 | ug/kg | dw | 08/17/2001 | 1471 | <2.1 | bmh | SW | 8260A | |
| Xylenes, Total | <5.4 | ug/kg | dw | 08/17/2001 | 1471 | <5.4 | bmh | SW | 8260A | |
| d4-1,2-Dichloroethane (surr) | 90 | % | | 08/17/2001 | 1471 | | bmh | SW | 8260A | |
| Dibromofluoromethane (surr) | 96 | % | | 08/17/2001 | 1471 | | bmh | SW | 8260A | |
| d8-Toluene (surr) | 98 | % | | 08/17/2001 | 1471 | | bmh | SW | 8260A | |
| Bromofluorobenzene (surr) | 99 | % | | 08/17/2001 | 1471 | | bmh | SW | 8260A | |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|-------------------------------|-----------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 700406 | SBI001:HMW-14SD:S010015:412 | | | | | | | | | DATE/TIME TAKEN 08/15/2001 08:35 |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| Acenaphthene | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| Acenaphthylene | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| Anthracene | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| Benzo(a)anthracene | | 906 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| Benzo(b)fluoranthene | | 1,410 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| Benzo(k)fluoranthene | | 420 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| Benzo(a)pyrene | | 988 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <177 | jrw | SW 8270C |
| Benzyl alcohol | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| Benzyl butyl phthalate | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| Bis(2-chloroethyl) ether | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| Bis(2-chloroethoxy)methane | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| Bis(2-ethylhexyl)phthalate | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| 4-Bromophenyl phenyl ether | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| 4-Chloroaniline | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| 2-Chloronaphthalene | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| Chrysene | | 839 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| Dibenzo(a,h)anthracene | | <177 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <177 | jrw | SW 8270C |
| Dibenzofuran | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| 1,2-Dichlorobenzene | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| 1,3-Dichlorobenzene | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| 1,4-Dichlorobenzene | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| 3,3'-Dichlorobenzidine | | <707 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <707 | jrw | SW 8270C |
| Diethyl phthalate | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method | Reference |
|----------------------------|-----------------------------|----------|------------|-------|----------|-------|-------|-----------|----------|--------|------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | | |
| 700406 | SBI001:HMW-14SD:S010015:412 | | | | | | | | | | |
| | | | | | | | | | | | DATE/TIME TAKEN |
| | | | | | | | | | | | 08/15/2001 08:35 |
| 2-Chlorophenol | <354 | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C | | | |
| 2,4-Dichlorophenol | <354 | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C | | | |
| 2,4-Dimethylphenol | <354 | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C | | | |
| 2-Methyl-4,6-dinitrophenol | <354 | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C | | | |
| 2-Methylphenol | <354 | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C | | | |
| meta & para-Methylphenol | <354 | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C | | | |
| 2-Nitrophenol | <354 | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C | | | |
| Pentachlorophenol | <354 | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C | | | |
| Phenol | <354 | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C | | | |
| 2,4,5-Trichlorophenol | <354 | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C | | | |
| 2,4,6-Trichlorophenol | <354 | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C | | | |
| Surrogate: d6-Phenol | 85 | ‡ | 08/24/2001 | 952 | 1473 | | jrw | SW 8270C | | | |
| Surrogate: 2-Fluorophenol | 74 | ‡ | 08/24/2001 | 952 | 1473 | | jrw | SW 8270C | | | |
| Surrogate: Tribromophenol | 50 | ‡ | 08/24/2001 | 952 | 1473 | | jrw | SW 8270C | | | |
| PCB's M 8082, Non-Aq | | | | | | | | | | | |
| Aroclor 1016 | <0.54 | mg/kg dw | 08/21/2001 | 105 | 190 | <0.54 | jdc | SW 8082 | | | |
| Aroclor 1221 | <0.54 | mg/kg dw | 08/21/2001 | 105 | 190 | <0.54 | jdc | SW 8082 | | | |
| Aroclor 1232 | <0.54 | mg/kg dw | 08/21/2001 | 105 | 190 | <0.54 | jdc | SW 8082 | | | |
| Aroclor 1242 | <0.54 | mg/kg dw | 08/21/2001 | 105 | 190 | <0.54 | jdc | SW 8082 | | | |
| Aroclor 1248 | <0.54 | mg/kg dw | 08/21/2001 | 105 | 190 | <0.54 | jdc | SW 8082 | | | |
| Aroclor 1254 | <0.54 | mg/kg dw | 08/21/2001 | 105 | 190 | <0.54 | jdc | SW 8082 | | | |
| Aroclor 1260 | <0.54 | mg/kg dw | 08/21/2001 | 105 | 190 | <0.54 | jdc | SW 8082 | | | |
| Surrogate: TCX/DCB | 66/56 | ‡ | 08/21/2001 | 105 | 190 | | jdc | SW 8082 | | | |
| TPH - FTIR Non-aq | 1,500 | mg/kg dw | 08/22/2001 | 595 | 627 | <54 | 260 | 418.1 | | | |

ANALYTICAL REPORT

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 6130 Wilcox Rd.
 Dublin, OH 43016

08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|----------------------------|----------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 700407 | SBI001:HMW-14S:S040050:412 | | | | | | | | | DATE/TIME TAKEN 08/15/2001 09:14 |
| Dry Weight | 90.5 | % | | | 08/24/2001 | | 1484 | | mhg | SM 2540 G. |
| Prep, PCBs Non-Aq 8082 | Complete | | | | 08/20/2001 | 105 | | Complete | lmc | SW 3540C; SW 3545 |
| Prep, BNA Non-Aq | Complete | | | | 08/21/2001 | 952 | | Complete | rec | EPA 625; SW 3540C; SW 3545 |
| Prep, TPH 418.1 Nonaq | COMPLETE | | | | 08/21/2001 | 595 | | Complete | sub | SW 9071 |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | Complete | | | | 08/20/2001 | | 1473 | | bmh | |
| Acetone | <221 | ug/kg dw | | | 08/20/2001 | | 1473 | <221 | bmh | SW 8260A |
| Benzene | <11 | ug/kg dw | | | 08/20/2001 | | 1473 | <11 | bmh | SW 8260A |
| tert-Butylbenzene | <11 | ug/kg dw | | | 08/20/2001 | | 1473 | <11 | bmh | SW 8260A |
| sec-Butylbenzene | <11 | ug/kg dw | | | 08/20/2001 | | 1473 | <11 | bmh | SW 8260A |
| n-Butylbenzene | <11 | ug/kg dw | | | 08/20/2001 | | 1473 | <11 | bmh | SW 8260A |
| Bromochloromethane | <11 | ug/kg dw | | | 08/20/2001 | | 1473 | <11 | bmh | SW 8260A |
| Bromodichloromethane | <11 | ug/kg dw | | | 08/20/2001 | | 1473 | <11 | bmh | SW 8260A |
| Bromoform | <11 | ug/kg dw | | | 08/20/2001 | | 1473 | <11 | bmh | SW 8260A |
| Bromobenzene | <11 | ug/kg dw | | | 08/20/2001 | | 1473 | <11 | bmh | SW 8260A |
| 2-Butanone (MEK) | <110 | ug/kg dw | | | 08/20/2001 | | 1473 | <110 | bmh | SW 8260A |
| Carbon disulfide | <11 | ug/kg dw | | | 08/20/2001 | | 1473 | <11 | bmh | SW 8260A |
| Carbon tetrachloride | <11 | ug/kg dw | | | 08/20/2001 | | 1473 | <11 | bmh | SW 8260A |
| Chlorobenzene | <11 | ug/kg dw | | | 08/20/2001 | | 1473 | <11 | bmh | SW 8260A |
| Chloroethane | <22 | ug/kg dw | | | 08/20/2001 | | 1473 | <22 | bmh | SW 8260A |
| 2-Chlorotoluene | <11 | ug/kg dw | | | 08/20/2001 | | 1473 | <11 | bmh | SW 8260A |
| 4-Chlorotoluene | <11 | ug/kg dw | | | 08/20/2001 | | 1473 | <11 | bmh | SW 8260A |
| Chloroform | <11 | ug/kg dw | | | 08/20/2001 | | 1473 | <11 | bmh | SW 8260A |
| Chloromethane | <22 | ug/kg dw | | | 08/20/2001 | | 1473 | <22 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|----------------------------|--------|------|------------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 700407 | SBI001:HMW-14S:S040050:412 | | | | | | | | | DATE/TIME TAKEN 08/15/2001 09:14 |
| Dibromochloromethane | <11 | ug/kg | dw | 08/20/2001 | 1473 | <11 | bmh | SW 8260A | | |
| Dibromomethane | <11 | ug/kg | dw | 08/20/2001 | 1473 | <11 | bmh | SW 8260A | | |
| Dichlorodifluoromethane | <11 | ug/kg | dw | 08/20/2001 | 1473 | <11 | bmh | SW 8260A | | |
| 1,2-Dibromo-3-chloropropane | <11 | ug/kg | dw | 08/20/2001 | 1473 | <11 | bmh | SW 8260A | | |
| 1,2-Dichlorobenzene | <11 | ug/kg | dw | 08/20/2001 | 1473 | <11 | bmh | SW 8260A | | |
| 1,3-Dichlorobenzene | <11 | ug/kg | dw | 08/20/2001 | 1473 | <11 | bmh | SW 8260A | | |
| 1,4-Dichlorobenzene | <11 | ug/kg | dw | 08/20/2001 | 1473 | <11 | bmh | SW 8260A | | |
| 1,1-Dichloroethane | <11 | ug/kg | dw | 08/20/2001 | 1473 | <11 | bmh | SW 8260A | | |
| 1,2-Dichloroethane | <11 | ug/kg | dw | 08/20/2001 | 1473 | <11 | bmh | SW 8260A | | |
| 1,1-Dichloroethene | <11 | ug/kg | dw | 08/20/2001 | 1473 | <11 | bmh | SW 8260A | | |
| cis-1,2-Dichloroethene | <11 | ug/kg | dw | 08/20/2001 | 1473 | <11 | bmh | SW 8260A | | |
| trans-1,2-Dichloroethene | <11 | ug/kg | dw | 08/20/2001 | 1473 | <11 | bmh | SW 8260A | | |
| 1,2-Dichloropropane | <11 | ug/kg | dw | 08/20/2001 | 1473 | <11 | bmh | SW 8260A | | |
| 1,3-Dichloropropane | <11 | ug/kg | dw | 08/20/2001 | 1473 | <11 | bmh | SW 8260A | | |
| 2,2-Dichloropropane | <11 | ug/kg | dw | 08/20/2001 | 1473 | <11 | bmh | SW 8260A | | |
| 1,1-Dichloropropene | <11 | ug/kg | dw | 08/20/2001 | 1473 | <11 | bmh | SW 8260A | | |
| cis-1,3-Dichloropropene | <11 | ug/kg | dw | 08/20/2001 | 1473 | <11 | bmh | SW 8260A | | |
| trans-1,3-Dichloropropene | <11 | ug/kg | dw | 08/20/2001 | 1473 | <11 | bmh | SW 8260A | | |
| Ethylbenzene | <11 | ug/kg | dw | 08/20/2001 | 1473 | <11 | bmh | SW 8260A | | |
| Hexachlorobutadiene | <11 | ug/kg | dw | 08/20/2001 | 1473 | <11 | bmh | SW 8260A | | |
| n-Hexane | <44 | ug/kg | dw | 08/20/2001 | 1473 | <44 | bmh | SW 8260A | | |
| 2-Hexanone | <110 | ug/kg | dw | 08/20/2001 | 1473 | <110 | bmh | SW 8260A | | |
| Isopropylbenzene (Cumene) | <11 | ug/kg | dw | 08/20/2001 | 1473 | <11 | bmh | SW 8260A | | |
| p-Isopropyltoluene | <11 | ug/kg | dw | 08/20/2001 | 1473 | <11 | bmh | SW 8260A | | |
| Bromomethane | <22 | ug/kg | dw | 08/20/2001 | 1473 | <22 | bmh | SW 8260A | | |

ANALYTICAL REPORT

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6130 Wilcox Rd.
Dublin, OH 43016

08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------------------------|----------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 700407 | SBI001:HMW-14S:S040050:412 | | | | | | | | | DATE/TIME TAKEN 08/15/2001 09:14 |
| Methylene Chloride | | <22 | | ug/kg dw | 08/20/2001 | | 1473 | <22 | bmh | SW 8260A |
| Methyl t-butyl ether (MTBE) | | <11 | | ug/kg dw | 08/20/2001 | | 1473 | <11 | bmh | SW 8260A |
| 4-Methyl-2-pentanone (MIBK) | | <110 | | ug/kg dw | 08/20/2001 | | 1473 | <110 | bmh | SW 8260A |
| n-Propylbenzene | | <11 | | ug/kg dw | 08/20/2001 | | 1473 | <11 | bmh | SW 8260A |
| Styrene | | <11 | | ug/kg dw | 08/20/2001 | | 1473 | <11 | bmh | SW 8260A |
| Naphthalene | | <11 | | ug/kg dw | 08/20/2001 | | 1473 | <11 | bmh | SW 8260A |
| 1,1,1,2-Tetrachloroethane | | <11 | | ug/kg dw | 08/20/2001 | | 1473 | <11 | bmh | SW 8260A |
| 1,1,2,2-Tetrachloroethane | | <11 | | ug/kg dw | 08/20/2001 | | 1473 | <11 | bmh | SW 8260A |
| Tetrachloroethene | | <11 | | ug/kg dw | 08/20/2001 | | 1473 | <11 | bmh | SW 8260A |
| Toluene | | <11 | | ug/kg dw | 08/20/2001 | | 1473 | <11 | bmh | SW 8260A |
| 1,2,4-Trichlorobenzene | | <11 | | ug/kg dw | 08/20/2001 | | 1473 | <11 | bmh | SW 8260A |
| 1,1,1-Trichloroethane | | <11 | | ug/kg dw | 08/20/2001 | | 1473 | <11 | bmh | SW 8260A |
| 1,1,2-Trichloroethane | | <11 | | ug/kg dw | 08/20/2001 | | 1473 | <11 | bmh | SW 8260A |
| Trichloroethene | | <11 | | ug/kg dw | 08/20/2001 | | 1473 | <11 | bmh | SW 8260A |
| Trichlorofluoromethane | | <11 | | ug/kg dw | 08/20/2001 | | 1473 | <11 | bmh | SW 8260A |
| 1,2,3-Trichloropropane | | <11 | | ug/kg dw | 08/20/2001 | | 1473 | <11 | bmh | SW 8260A |
| 1,2,4-Trimethylbenzene | | <11 | | ug/kg dw | 08/20/2001 | | 1473 | <11 | bmh | SW 8260A |
| 1,3,5-Trimethylbenzene | | <11 | | ug/kg dw | 08/20/2001 | | 1473 | <11 | bmh | SW 8260A |
| Vinyl Acetate | | <11 | | ug/kg dw | 08/20/2001 | | 1473 | <11 | bmh | SW 8260A |
| Vinyl Chloride | | <4.4 | | ug/kg dw | 08/20/2001 | | 1473 | <4.4 | bmh | SW 8260A |
| Xylenes, Total | | <11 | | ug/kg dw | 08/20/2001 | | 1473 | <11 | bmh | SW 8260A |
| d4-1,2-Dichloroethane (surr) | | 89 | | % | 08/20/2001 | | 1473 | | bmh | SW 8260A |
| Dibromofluoromethane (surr) | | 89 | | % | 08/20/2001 | | 1473 | | bmh | SW 8260A |
| d8-Toluene (surr) | | 106 | | % | 08/20/2001 | | 1473 | | bmh | SW 8260A |
| Bromofluorobenzene (surr) | | 124 | Note | % | 08/20/2001 | | 1473 | | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-------------------------------|------------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 700407 | SBI001:HMW-14S:S040050:412 | | | | | | | | | |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| | Acenaphthene | <365 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrw | SW 8270C |
| | Acenaphthylene | <365 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrw | SW 8270C |
| | Anthracene | 396 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrw | SW 8270C |
| | Benzo(a)anthracene | 1,100 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrw | SW 8270C |
| | Benzo(b)fluoranthene | 1,910 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrw | SW 8270C |
| | Benzo(k)fluoranthene | 533 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrw | SW 8270C |
| | Benzo(a)pyrene | 1,020 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <182 | jrw | SW 8270C |
| | Benzyl alcohol | <365 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrw | SW 8270C |
| | Benzyl butyl phthalate | <365 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrw | SW 8270C |
| | Bis(2-chloroethyl) ether | <365 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrw | SW 8270C |
| | Bis(2-chloroethoxy)methane | <365 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrw | SW 8270C |
| | Bis(2-ethylhexyl)phthalate | <365 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrw | SW 8270C |
| | 2,2'-oxybis(1-Chloropropane) | <365 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrw | SW 8270C |
| | 4-Bromophenyl phenyl ether | <365 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrw | SW 8270C |
| | 4-Chloroaniline | <365 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrw | SW 8270C |
| | 2-Chloronaphthalene | <365 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrw | SW 8270C |
| | Chrysene | 1,060 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrw | SW 8270C |
| | Dibenzo(a,h)anthracene | <182 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <182 | jrw | SW 8270C |
| | Dibenzofuran | <365 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrw | SW 8270C |
| | 1,2-Dichlorobenzene | <365 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrw | SW 8270C |
| | 1,3-Dichlorobenzene | <365 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrw | SW 8270C |
| | 1,4-Dichlorobenzene | <365 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrw | SW 8270C |
| | 3,3'-Dichlorobenzidine | <729 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <729 | jrw | SW 8270C |
| | Diethyl phthalate | <365 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrw | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | |
|------------|------------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|--|
| | | | | | | Batch Number | Batch Number | | | | |
| 700407 | SBI001:HMW-14S:S040050:412 | | | | | | | | | DATE/TIME TAKEN 08/15/2001 09:14 | |
| | Dimethyl phthalate | <365 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrjw | SW 8270C | |
| | 2,4-Dinitrotoluene | <365 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrjw | SW 8270C | |
| | 2,6-Dinitrotoluene | <365 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrjw | SW 8270C | |
| | Di-n-octylphthalate | <365 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrjw | SW 8270C | |
| | Fluoranthene | 2,800 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrjw | SW 8270C | |
| | Fluorene | <365 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrjw | SW 8270C | |
| | Hexachlorobenzene | <365 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrjw | SW 8270C | |
| | Hexachloro-1,3-butadiene | <365 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrjw | SW 8270C | |
| | Hexachlorocyclopentadiene | <729 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <729 | jrjw | SW 8270C | |
| | Hexachloroethane | <365 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrjw | SW 8270C | |
| | Indeno(1,2,3-cd)pyrene | <365 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrjw | SW 8270C | |
| | Isophorone | <365 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrjw | SW 8270C | |
| | Naphthalene | <365 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrjw | SW 8270C | |
| | Nitrobenzene | <365 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrjw | SW 8270C | |
| | N-Nitrosodi-n-propylamine | <365 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrjw | SW 8270C | |
| | Phenanthrene | 1,570 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrjw | SW 8270C | |
| | Pyrene | 1,730 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrjw | SW 8270C | |
| | 1,2,4-Trichlorobenzene | <365 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrjw | SW 8270C | |
| | Surrogate: d5-Nitrobenzene | 89 | | % | 08/24/2001 | 952 | 1473 | | jrjw | SW 8270C | |
| | Surrogate: 2-Fluorobiphenyl | 98 | | % | 08/24/2001 | 952 | 1473 | | jrjw | SW 8270C | |
| | Surrogate: d14-Terphenyl | 65 | | % | 08/24/2001 | 952 | 1473 | | jrjw | SW 8270C | |
| | ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | |
| | Benzoic Acid | <1,820 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <1,820 | jrjw | SW 8270C | |
| | 4-Chloro-3-methylphenol | <365 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrjw | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|----------------------------|----------------------------|--------|------|----------|------------|-------|-------|-----------|---------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | | | |
| 700407 | SBI001:HMW-14S:S040050:412 | | | | | | | | | DATE/TIME TAKEN 08/15/2001 09:14 |
| 2-Chlorophenol | | <365 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrjw | SW 8270C |
| 2,4-Dichlorophenol | | <365 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrjw | SW 8270C |
| 2,4-Dimethylphenol | | <365 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrjw | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | | <365 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrjw | SW 8270C |
| 2-Methylphenol | | <365 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrjw | SW 8270C |
| meta & para-Methylphenol | | <365 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrjw | SW 8270C |
| 2-Nitrophenol | | <365 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrjw | SW 8270C |
| Pentachlorophenol | | <365 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrjw | SW 8270C |
| Phenol | | <365 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrjw | SW 8270C |
| 2,4,5-Trichlorophenol | | <365 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrjw | SW 8270C |
| 2,4,6-Trichlorophenol | | <365 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <365 | jrjw | SW 8270C |
| Surrogate: d6-Phenol | | 85 | | % | 08/24/2001 | 952 | 1473 | | jrjw | SW 8270C |
| Surrogate: 2-Fluorophenol | | 77 | | % | 08/24/2001 | 952 | 1473 | | jrjw | SW 8270C |
| Surrogate: Tribromophenol | | 103 | note | % | 08/24/2001 | 952 | 1473 | | jrjw | SW 8270C |
| PCB's M 8082, Non-Aq | | | | | | | | | | |
| Aroclor 1016 | | <0.55 | | mg/kg dw | 08/21/2001 | 105 | 190 | <0.55 | jdc | SW 8082 |
| Aroclor 1221 | | <0.55 | | mg/kg dw | 08/21/2001 | 105 | 190 | <0.55 | jdc | SW 8082 |
| Aroclor 1232 | | <0.55 | | mg/kg dw | 08/21/2001 | 105 | 190 | <0.55 | jdc | SW 8082 |
| Aroclor 1242 | | <0.55 | | mg/kg dw | 08/21/2001 | 105 | 190 | <0.55 | jdc | SW 8082 |
| Aroclor 1248 | | <0.55 | | mg/kg dw | 08/21/2001 | 105 | 190 | <0.55 | jdc | SW 8082 |
| Aroclor 1254 | | <0.55 | | mg/kg dw | 08/21/2001 | 105 | 190 | <0.55 | jdc | SW 8082 |
| Aroclor 1260 | | <0.55 | | mg/kg dw | 08/21/2001 | 105 | 190 | <0.55 | jdc | SW 8082 |
| Surrogate:TCX/DCB | | 83/77 | | % | 08/21/2001 | 105 | 190 | | jdc | SW 8082 |
| TPH - FTIR Non-aq | | 1,660 | | mg/kg dw | 08/22/2001 | 595 | 627 | <55 | 260 | 418.1 |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|--------------------------------|----------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 700408 | SBI001:HMW-14S:S190210:412 | | | | | | | | | DATE/TIME TAKEN 08/15/2001 10:00 |
| Dry Weight | 95.6 | ‡ | | | 08/24/2001 | | 1484 | | mhg | SM 2540 G. |
| Prep, PCBs Non-Aq 8082 | Complete | | | | 08/20/2001 | 105 | | Complete | lmc | SW 3540C; SW 3545 |
| Prep, BNA Non-Aq | Complete | | | | 08/21/2001 | 952 | | Complete | rec | EPA 625; SW 3540C; SW 3545 |
| Prep, TPH 418.1 Nonaq | COMPLETE | | | | 08/21/2001 | 595 | | Complete | sub | SW 9071 |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | Complete | | | | 08/17/2001 | | 1471 | Complete | bmh | |
| Acetone | <105 | | | ug/kg dw | 08/17/2001 | | 1471 | <105 | bmh | SW 8260A |
| Benzene | <5.2 | | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A |
| tert-Butylbenzene | <5.2 | | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A |
| sec-Butylbenzene | <5.2 | | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A |
| n-Butylbenzene | <5.2 | | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A |
| Bromochloromethane | <5.2 | | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A |
| Bromodichloromethane | <5.2 | | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A |
| Bromoform | <5.2 | | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A |
| Bromobenzene | <5.2 | | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A |
| 2-Butanone (MEK) | <52 | | | ug/kg dw | 08/17/2001 | | 1471 | <52 | bmh | SW 8260A |
| Carbon disulfide | <5.2 | | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A |
| Carbon tetrachloride | <5.2 | | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A |
| Chlorobenzene | <5.2 | | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A |
| Chloroethane | <10.5 | | | ug/kg dw | 08/17/2001 | | 1471 | <10.5 | bmh | SW 8260A |
| 2-Chlorotoluene | <5.2 | | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A |
| 4-Chlorotoluene | <5.2 | | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A |
| Chloroform | <5.2 | | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A |
| Chloromethane | <10.5 | | | ug/kg dw | 08/17/2001 | | 1471 | <10.5 | bmh | SW 8260A |

ANALYTICAL REPORT

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6130 Wilcox Rd.
Dublin, OH 43016

08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|-----------------------------|----------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 700408 | SBI001:HMW-14S:S190210:412 | | | | | | | | | | 08/15/2001 10:00 |
| Dibromochloromethane | | <5.2 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.2 | bmh | SW 8260A | |
| Dibromomethane | | <5.2 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.2 | bmh | SW 8260A | |
| Dichlorodifluoromethane | | <5.2 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.2 | bmh | SW 8260A | |
| 1,2-Dibromo-3-chloropropane | | <5.2 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.2 | bmh | SW 8260A | |
| 1,2-Dichlorobenzene | | <5.2 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.2 | bmh | SW 8260A | |
| 1,3-Dichlorobenzene | | <5.2 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.2 | bmh | SW 8260A | |
| 1,4-Dichlorobenzene | | <5.2 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.2 | bmh | SW 8260A | |
| 1,1-Dichloroethane | | <5.2 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.2 | bmh | SW 8260A | |
| 1,2-Dichloroethane | | <5.2 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.2 | bmh | SW 8260A | |
| 1,1-Dichloroethene | | <5.2 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.2 | bmh | SW 8260A | |
| cis-1,2-Dichloroethene | | <5.2 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.2 | bmh | SW 8260A | |
| trans-1,2-Dichloroethene | | <5.2 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.2 | bmh | SW 8260A | |
| 1,2-Dichloropropane | | <5.2 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.2 | bmh | SW 8260A | |
| 1,3-Dichloropropane | | <5.2 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.2 | bmh | SW 8260A | |
| 2,2-Dichloropropane | | <5.2 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.2 | bmh | SW 8260A | |
| 1,1-Dichloropropene | | <5.2 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.2 | bmh | SW 8260A | |
| cis-1,3-Dichloropropene | | <5.2 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.2 | bmh | SW 8260A | |
| trans-1,3-Dichloropropene | | <5.2 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.2 | bmh | SW 8260A | |
| Ethylbenzene | | <5.2 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.2 | bmh | SW 8260A | |
| Hexachlorobutadiene | | <5.2 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.2 | bmh | SW 8260A | |
| n-Hexane | | <20.9 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <20.9 | bmh | SW 8260A | |
| 2-Hexanone | | <52.3 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <52.3 | bmh | SW 8260A | |
| Isopropylbenzene (Cumene) | | <5.2 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.2 | bmh | SW 8260A | |
| p-Isopropyltoluene | | <5.2 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.2 | bmh | SW 8260A | |
| Bromomethane | | <10.5 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <10.5 | bmh | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------------------------|----------------------------|--------|------|------------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 700408 | SBI001:HMW-14S:S190210:412 | | | | | | | | | DATE/TIME TAKEN 08/15/2001 10:00 |
| Methylene Chloride | <10.5 | ug/kg | dw | 08/17/2001 | 1471 | <10.5 | bmh | SW 8260A | | |
| Methyl t-butyl ether (MTBE) | <5.2 | ug/kg | dw | 08/17/2001 | 1471 | <5.2 | bmh | SW 8260A | | |
| 4-Methyl-2-pentanone (MIBK) | <52.3 | ug/kg | dw | 08/17/2001 | 1471 | <52.3 | bmh | SW 8260A | | |
| n-Propylbenzene | <5.2 | ug/kg | dw | 08/17/2001 | 1471 | <5.2 | bmh | SW 8260A | | |
| Styrene | <5.2 | ug/kg | dw | 08/17/2001 | 1471 | <5.2 | bmh | SW 8260A | | |
| Naphthalene | <5.2 | ug/kg | dw | 08/17/2001 | 1471 | <5.2 | bmh | SW 8260A | | |
| 1,1,1,2-Tetrachloroethane | <5.2 | ug/kg | dw | 08/17/2001 | 1471 | <5.2 | bmh | SW 8260A | | |
| 1,1,2,2-Tetrachloroethane | <5.2 | ug/kg | dw | 08/17/2001 | 1471 | <5.2 | bmh | SW 8260A | | |
| Tetrachloroethene | <5.2 | ug/kg | dw | 08/17/2001 | 1471 | <5.2 | bmh | SW 8260A | | |
| Toluene | <5.2 | ug/kg | dw | 08/17/2001 | 1471 | <5.2 | bmh | SW 8260A | | |
| 1,2,4-Trichlorobenzene | <5.2 | ug/kg | dw | 08/17/2001 | 1471 | <5.2 | bmh | SW 8260A | | |
| 1,1,1-Trichloroethane | <5.2 | ug/kg | dw | 08/17/2001 | 1471 | <5.2 | bmh | SW 8260A | | |
| 1,1,2-Trichloroethane | <5.2 | ug/kg | dw | 08/17/2001 | 1471 | <5.2 | bmh | SW 8260A | | |
| Trichloroethene | <5.2 | ug/kg | dw | 08/17/2001 | 1471 | <5.2 | bmh | SW 8260A | | |
| Trichlorofluoromethane | <5.2 | ug/kg | dw | 08/17/2001 | 1471 | <5.2 | bmh | SW 8260A | | |
| 1,2,3-Trichloropropane | <5.2 | ug/kg | dw | 08/17/2001 | 1471 | <5.2 | bmh | SW 8260A | | |
| 1,2,4-Trimethylbenzene | <5.2 | ug/kg | dw | 08/17/2001 | 1471 | <5.2 | bmh | SW 8260A | | |
| 1,3,5-Trimethylbenzene | <5.2 | ug/kg | dw | 08/17/2001 | 1471 | <5.2 | bmh | SW 8260A | | |
| Vinyl Acetate | <5.2 | ug/kg | dw | 08/17/2001 | 1471 | <5.2 | bmh | SW 8260A | | |
| Vinyl Chloride | <2.1 | ug/kg | dw | 08/17/2001 | 1471 | <2.1 | bmh | SW 8260A | | |
| Xylenes, Total | <5.2 | ug/kg | dw | 08/17/2001 | 1471 | <5.2 | bmh | SW 8260A | | |
| d4-1,2-Dichloroethane (surr) | 88 | % | | 08/17/2001 | 1471 | | bmh | SW 8260A | | |
| Dibromofluoromethane (surr) | 93 | % | | 08/17/2001 | 1471 | | bmh | SW 8260A | | |
| d8-Toluene (surr) | 97 | % | | 08/17/2001 | 1471 | | bmh | SW 8260A | | |
| Bromofluorobenzene (surr) | 93 | % | | 08/17/2001 | 1471 | | bmh | SW 8260A | | |

ANALYTICAL REPORT

Kevin Wildman
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6130 Wilcox Rd.
Dublin, OH 43016

08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|-------------------------------|------------------------------|--------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | |
| 700408 | SBI001:HMW-14S:S190210:412 | | | | | | | | | | 08/15/2001 10:00 |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | | |
| | Acenaphthene | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C | |
| | Acenaphthylene | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C | |
| | Anthracene | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C | |
| | Benzo(a)anthracene | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C | |
| | Benzo(b)fluoranthene | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C | |
| | Benzo(k)fluoranthene | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C | |
| | Benzo(a)pyrene | <173 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <173 | jrw | SW 8270C | |
| | Benzyl alcohol | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C | |
| | Benzyl butyl phthalate | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C | |
| | Bis(2-chloroethyl)ether | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C | |
| | Bis(2-chloroethoxy)methane | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C | |
| | Bis(2-ethylhexyl)phthalate | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C | |
| | 2,2'-oxybis(1-Chloropropane) | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C | |
| | 4-Bromophenyl phenyl ether | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C | |
| | 4-Chloroaniline | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C | |
| | 2-Chloronaphthalene | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C | |
| | Chrysene | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C | |
| | Dibenzo(a,h)anthracene | <173 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <173 | jrw | SW 8270C | |
| | Dibenzofuran | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C | |
| | 1,2-Dichlorobenzene | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C | |
| | 1,3-Dichlorobenzene | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C | |
| | 1,4-Dichlorobenzene | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C | |
| | 3,3'-Dichlorobenzidine | <690 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <690 | jrw | SW 8270C | |
| | Diethyl phthalate | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------------------------|----------------------------|--------|------|----------|------------|-------|-------|-----------|---------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | | | |
| 700408 | SBI001:HMW-14S:S190210:412 | | | | | | | | | DATE/TIME TAKEN 08/15/2001 10:00 |
| Dimethyl phthalate | | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C |
| 2,4-Dinitrotoluene | | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C |
| 2,6-Dinitrotoluene | | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C |
| Di-n-octylphthalate | | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C |
| Fluoranthene | | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C |
| Fluorene | | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C |
| Hexachlorobenzene | | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C |
| Hexachloro-1,3-butadiene | | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C |
| Hexachlorocyclopentadiene | | <690 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <690 | jrw | SW 8270C |
| Hexachloroethane | | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C |
| Indeno(1,2,3-cd)pyrene | | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C |
| Isophorone | | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C |
| Naphthalene | | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C |
| Nitrobenzene | | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C |
| N-Nitrosodi-n-propylamine | | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C |
| Phenanthrene | | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C |
| Pyrene | | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C |
| 1,2,4-Trichlorobenzene | | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C |
| Surrogate: d5-Nitrobenzene | | 75 | | % | 08/24/2001 | 952 | 1473 | | jrw | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 90 | | % | 08/24/2001 | 952 | 1473 | | jrw | SW 8270C |
| Surrogate: d14-Terphenyl | | 101 | | % | 08/24/2001 | 952 | 1473 | | jrw | SW 8270C |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | |
| Benzoic Acid | | <1,730 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <1,730 | jrw | SW 8270C |
| 4-Chloro-3-methylphenol | | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C |

ANALYTICAL REPORT

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HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|----------------------------|----------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 700408 | SBI001:HMW-14S:S190210:412 | | | | | | | | | DATE/TIME TAKEN 08/15/2001 10:00 |
| 2-Chlorophenol | | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C |
| 2,4-Dichlorophenol | | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C |
| 2,4-Dimethylphenol | | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C |
| 2-Methylphenol | | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C |
| meta & para-Methylphenol | | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C |
| 2-Nitrophenol | | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C |
| Pentachlorophenol | | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C |
| Phenol | | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C |
| 2,4,5-Trichlorophenol | | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C |
| 2,4,6-Trichlorophenol | | <345 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <345 | jrw | SW 8270C |
| Surrogate: d6-Phenol | | 37 | | ‡ | 08/24/2001 | 952 | 1473 | | jrw | SW 8270C |
| Surrogate: 2-Fluorophenol | | 19 | | ‡ | 08/24/2001 | 952 | 1473 | | jrw | SW 8270C |
| Surrogate: Tribromophenol | | 64 | note | ‡ | 08/24/2001 | 952 | 1473 | | jrw | SW 8270C |
| PCB's M 8082, Non-Aq | | | | | | | | | | |
| Aroclor 1016 | | <0.52 | | mg/kg dw | 08/21/2001 | 105 | 190 | <0.52 | jdc | SW 8082 |
| Aroclor 1221 | | <0.52 | | mg/kg dw | 08/21/2001 | 105 | 190 | <0.52 | jdc | SW 8082 |
| Aroclor 1232 | | <0.52 | | mg/kg dw | 08/21/2001 | 105 | 190 | <0.52 | jdc | SW 8082 |
| Aroclor 1242 | | <0.52 | | mg/kg dw | 08/21/2001 | 105 | 190 | <0.52 | jdc | SW 8082 |
| Aroclor 1248 | | <0.52 | | mg/kg dw | 08/21/2001 | 105 | 190 | <0.52 | jdc | SW 8082 |
| Aroclor 1254 | | <0.52 | | mg/kg dw | 08/21/2001 | 105 | 190 | <0.52 | jdc | SW 8082 |
| Aroclor 1260 | | <0.52 | | mg/kg dw | 08/21/2001 | 105 | 190 | <0.52 | jdc | SW 8082 |
| Surrogate:TCX/DCB | | 65/84 | | ‡ | 08/21/2001 | 105 | 190 | | jdc | SW 8082 |
| TPH - FTIR Non-aq | | <52 | | mg/kg dw | 08/22/2001 | 595 | 627 | <52 | 260 | 418.1 |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|----------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 700409 | SBI001:HMW-14S:S210230:412 | | | | | | | | | DATE/TIME TAKEN 08/15/2001 10:08 |
| Dry Weight | 96.6 | | | g | 08/24/2001 | | 1484 | | mhg | SM 2540 G. |
| Prep, PCBs Non-Aq 8082 | Complete | | | | 08/20/2001 | 105 | | Complete | lmc | SW 3540C; SW 3545 |
| Prep, BNA Non-Aq | Complete | | | | 08/21/2001 | 952 | | Complete | rec | EPA 625; SW 3540C; SW 3545 |
| Prep, TPH 418.1 Nonaq | COMPLETE | | | | 08/21/2001 | 595 | | Complete | sub | SW 9071 |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | Complete | | | | 08/17/2001 | | 1471 | Complete | bmh | |
| Acetone | <104 | | | ug/kg dw | 08/17/2001 | | 1471 | <104 | bmh | SW 8260A |
| Benzene | <5.2 | | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A |
| tert-Butylbenzene | <5.2 | | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A |
| sec-Butylbenzene | <5.2 | | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A |
| n-Butylbenzene | <5.2 | | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A |
| Bromochloromethane | <5.2 | | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A |
| Bromodichloromethane | <5.2 | | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A |
| Bromoform | <5.2 | | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A |
| Bromobenzene | <5.2 | | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A |
| 2-Butanone (MEK) | <52 | | | ug/kg dw | 08/17/2001 | | 1471 | <52 | bmh | SW 8260A |
| Carbon disulfide | <5.2 | | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A |
| Carbon tetrachloride | <5.2 | | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A |
| Chlorobenzene | <5.2 | | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A |
| Chloroethane | <10.4 | | | ug/kg dw | 08/17/2001 | | 1471 | <10.4 | bmh | SW 8260A |
| 2-Chlorotoluene | <5.2 | | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A |
| 4-Chlorotoluene | <5.2 | | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A |
| Chloroform | <5.2 | | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A |
| Chloromethane | <10.4 | | | ug/kg dw | 08/17/2001 | | 1471 | <10.4 | bmh | SW 8260A |

ANALYTICAL REPORT

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 6130 Wilcox Rd.
 Dublin, OH 43016

08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 700409 | SBI001:HMW-14S:S210230:412 | | | | | | | | | | 08/15/2001 10:08 |
| | Dibromochloromethane | <5.2 | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A | |
| | Dibromomethane | <5.2 | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A | |
| | Dichlorodifluoromethane | <5.2 | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A | |
| | 1,2-Dibromo-3-chloropropane | <5.2 | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A | |
| | 1,2-Dichlorobenzene | <5.2 | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A | |
| | 1,3-Dichlorobenzene | <5.2 | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A | |
| | 1,4-Dichlorobenzene | <5.2 | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A | |
| | 1,1-Dichloroethane | <5.2 | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A | |
| | 1,2-Dichloroethane | <5.2 | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A | |
| | 1,1-Dichloroethene | <5.2 | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A | |
| | cis-1,2-Dichloroethene | <5.2 | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A | |
| | trans-1,2-Dichloroethene | <5.2 | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A | |
| | 1,2-Dichloropropane | <5.2 | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A | |
| | 1,3-Dichloropropane | <5.2 | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A | |
| | 2,2-Dichloropropane | <5.2 | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A | |
| | 1,1-Dichloropropene | <5.2 | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A | |
| | cis-1,3-Dichloropropene | <5.2 | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A | |
| | trans-1,3-Dichloropropene | <5.2 | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A | |
| | Ethylbenzene | <5.2 | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A | |
| | Hexachlorobutadiene | <5.2 | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A | |
| | n-Hexane | <20.7 | | ug/kg dw | 08/17/2001 | | 1471 | <20.7 | bmh | SW 8260A | |
| | 2-Hexanone | <51.8 | | ug/kg dw | 08/17/2001 | | 1471 | <51.8 | bmh | SW 8260A | |
| | Isopropylbenzene (Cumene) | <5.2 | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A | |
| | p-Isopropyltoluene | <5.2 | | ug/kg dw | 08/17/2001 | | 1471 | <5.2 | bmh | SW 8260A | |
| | Bromomethane | <10.4 | | ug/kg dw | 08/17/2001 | | 1471 | <10.4 | bmh | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------------------------|----------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 700409 | SBI001:HMW-14S:S210230:412 | | | | | | | | | DATE/TIME TAKEN 08/15/2001 10:08 |
| Methylene Chloride | | <10.4 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <10.4 | bmh | SW 8260A |
| Methyl t-butyl ether (MTBE) | | <5.2 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.2 | bmh | SW 8260A |
| 4-Methyl-2-pentanone (MIBK) | | <51.8 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <51.8 | bmh | SW 8260A |
| n-Propylbenzene | | <5.2 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.2 | bmh | SW 8260A |
| Styrene | | <5.2 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.2 | bmh | SW 8260A |
| Naphthalene | | <5.2 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.2 | bmh | SW 8260A |
| 1,1,1,2-Tetrachloroethane | | <5.2 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.2 | bmh | SW 8260A |
| 1,1,2,2-Tetrachloroethane | | <5.2 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.2 | bmh | SW 8260A |
| Tetrachloroethene | | <5.2 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.2 | bmh | SW 8260A |
| Toluene | | <5.2 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.2 | bmh | SW 8260A |
| 1,2,4-Trichlorobenzene | | <5.2 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.2 | bmh | SW 8260A |
| 1,1,1-Trichloroethane | | <5.2 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.2 | bmh | SW 8260A |
| 1,1,2-Trichloroethane | | <5.2 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.2 | bmh | SW 8260A |
| Trichloroethene | | <5.2 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.2 | bmh | SW 8260A |
| Trichlorofluoromethane | | <5.2 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.2 | bmh | SW 8260A |
| 1,2,3-Trichloropropane | | <5.2 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.2 | bmh | SW 8260A |
| 1,2,4-Trimethylbenzene | | <5.2 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.2 | bmh | SW 8260A |
| 1,3,5-Trimethylbenzene | | <5.2 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.2 | bmh | SW 8260A |
| Vinyl Acetate | | <5.2 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.2 | bmh | SW 8260A |
| Vinyl Chloride | | <2.1 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <2.1 | bmh | SW 8260A |
| Xylenes, Total | | <5.2 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.2 | bmh | SW 8260A |
| d4-1,2-Dichloroethane (surr) | 90 | % | | | 08/17/2001 | 1471 | 1471 | | bmh | SW 8260A |
| Dibromofluoromethane (surr) | 92 | % | | | 08/17/2001 | 1471 | 1471 | | bmh | SW 8260A |
| d8-Toluene (surr) | 97 | % | | | 08/17/2001 | 1471 | 1471 | | bmh | SW 8260A |
| Bromofluorobenzene (surr) | 92 | % | | | 08/17/2001 | 1471 | 1471 | | bmh | SW 8260A |

ANALYTICAL REPORT

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6130 Wilcox Rd.
Dublin, OH 43016

08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Limit | Initials | Method Reference |
|-------------------------------|------------------------------|--------|------|----------|------------|-------|-------|-----------|---------|-------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Batch | Batch | | | |
| 700409 | SBI001:HMW-14S:S210230:412 | | | | | | | | | | | DATE/TIME TAKEN 08/15/2001 10:08 |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | | | |
| | Acenaphthene | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | | | SW 8270C |
| | Acenaphthylene | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | | | SW 8270C |
| | Anthracene | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | | | SW 8270C |
| | Benzo(a)anthracene | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | | | SW 8270C |
| | Benzo(b)fluoranthene | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | | | SW 8270C |
| | Benzo(k)fluoranthene | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | | | SW 8270C |
| | Benzo(a)pyrene | <171 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <171 | jrw | | | SW 8270C |
| | Benzyl alcohol | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | | | SW 8270C |
| | Benzyl butyl phthalate | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | | | SW 8270C |
| | Bis(2-chloroethyl)ether | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | | | SW 8270C |
| | Bis(2-chloroethoxy)methane | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | | | SW 8270C |
| | Bis(2-ethylhexyl)phthalate | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | | | SW 8270C |
| | 2,2'-oxybis(1-Chloropropane) | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | | | SW 8270C |
| | 4-Bromophenyl phenyl ether | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | | | SW 8270C |
| | 4-Chloroaniline | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | | | SW 8270C |
| | 2-Chloronaphthalene | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | | | SW 8270C |
| | Chrysene | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | | | SW 8270C |
| | Dibenzo(a,h)anthracene | <171 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <171 | jrw | | | SW 8270C |
| | Dibenzofuran | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | | | SW 8270C |
| | 1,2-Dichlorobenzene | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | | | SW 8270C |
| | 1,3-Dichlorobenzene | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | | | SW 8270C |
| | 1,4-Dichlorobenzene | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | | | SW 8270C |
| | 3,3'-Dichlorobenzidine | <683 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <683 | jrw | | | SW 8270C |
| | Diethyl phthalate | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | | | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------------------------|----------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 700409 | SBI001:HMW-14S:S210230:412 | | | | | | | | | DATE/TIME TAKEN 08/15/2001 10:08 |
| Dimethyl phthalate | | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | SW 8270C |
| 2,4-Dinitrotoluene | | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | SW 8270C |
| 2,6-Dinitrotoluene | | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | SW 8270C |
| Di-n-octylphthalate | | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | SW 8270C |
| Fluoranthene | | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | SW 8270C |
| Fluorene | | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | SW 8270C |
| Hexachlorobenzene | | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | SW 8270C |
| Hexachloro-1,3-butadiene | | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | SW 8270C |
| Hexachlorocyclopentadiene | | <683 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <683 | jrw | SW 8270C |
| Hexachloroethane | | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | SW 8270C |
| Indeno(1,2,3-cd)pyrene | | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | SW 8270C |
| Isophorone | | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | SW 8270C |
| Naphthalene | | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | SW 8270C |
| Nitrobenzene | | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | SW 8270C |
| N-Nitrosodi-n-propylamine | | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | SW 8270C |
| Phenanthrene | | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | SW 8270C |
| Pyrene | | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | SW 8270C |
| 1,2,4-Trichlorobenzene | | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | SW 8270C |
| Surrogate: d5-Nitrobenzene | | 94 | | % | 08/24/2001 | 952 | 1473 | | jrw | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 101 | | % | 08/24/2001 | 952 | 1473 | | jrw | SW 8270C |
| Surrogate: d14-Terphenyl | | 102 | | % | 08/24/2001 | 952 | 1473 | | jrw | SW 8270C |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | |
| Benzoic Acid | | <1,710 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <1,710 | jrw | SW 8270C |
| 4-Chloro-3-methylphenol | | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | SW 8270C |

ANALYTICAL REPORT

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 6130 Wilcox Rd.
 Dublin, OH 43016

08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|----------------------------|--------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | |
| 700409 | SBI001:HMW-14S:S210230:412 | | | | | | | | | | 08/15/2001 10:08 |
| | 2-Chlorophenol | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | SW 8270C | |
| | 2,4-Dichlorophenol | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | SW 8270C | |
| | 2,4-Dimethylphenol | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | SW 8270C | |
| | 2-Methyl-4,6-dinitrophenol | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | SW 8270C | |
| | 2-Methylphenol | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | SW 8270C | |
| | meta & para-Methylphenol | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | SW 8270C | |
| | 2-Nitrophenol | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | SW 8270C | |
| | Pentachlorophenol | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | SW 8270C | |
| | Phenol | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | SW 8270C | |
| | 2,4,5-Trichlorophenol | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | SW 8270C | |
| | 2,4,6-Trichlorophenol | <342 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <342 | jrw | SW 8270C | |
| | Surrogate: d6-Phenol | 82 | | % | 08/24/2001 | 952 | 1473 | | jrw | SW 8270C | |
| | Surrogate: 2-Fluorophenol | 73 | | % | 08/24/2001 | 952 | 1473 | | jrw | SW 8270C | |
| | Surrogate: Tribromophenol | 86 | | % | 08/24/2001 | 952 | 1473 | | jrw | SW 8270C | |
| | PCB's M 8082, Non-Aq | | | | | | | | | | |
| | Aroclor 1016 | <0.52 | | mg/kg dw | 08/21/2001 | 105 | 190 | <0.52 | jdc | SW 8082 | |
| | Aroclor 1221 | <0.52 | | mg/kg dw | 08/21/2001 | 105 | 190 | <0.52 | jdc | SW 8082 | |
| | Aroclor 1232 | <0.52 | | mg/kg dw | 08/21/2001 | 105 | 190 | <0.52 | jdc | SW 8082 | |
| | Aroclor 1242 | <0.52 | | mg/kg dw | 08/21/2001 | 105 | 190 | <0.52 | jdc | SW 8082 | |
| | Aroclor 1248 | <0.52 | | mg/kg dw | 08/21/2001 | 105 | 190 | <0.52 | jdc | SW 8082 | |
| | Aroclor 1254 | <0.52 | | mg/kg dw | 08/21/2001 | 105 | 190 | <0.52 | jdc | SW 8082 | |
| | Aroclor 1260 | <0.52 | | mg/kg dw | 08/21/2001 | 105 | 190 | <0.52 | jdc | SW 8082 | |
| | Surrogate:TCX/DCB | 68/80 | | % | 08/21/2001 | 105 | 190 | | jdc | SW 8082 | |
| | TPH - FTIR Non-aq | <52 | | mg/kg dw | 08/22/2001 | 595 | 627 | <52 | 260 | 418.1 | |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
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08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|---------------------------|----------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 700410 | SBI002:HMW-9D:S000020:505 | | | | | | | | | DATE/TIME TAKEN 08/15/2001 16:35 |
| Dry Weight | | 93.2 | | % | 08/24/2001 | | 1484 | | mhg | SM 2540 G. |
| ICP NONAQUEOUS | | Complete | | | 08/23/2001 | | 1245 | Complete | emd | SW 6010B |
| Arsenic, ICP | | 4.4 | | mg/kg dw | 08/23/2001 | 908 | 2975 | <3.5 | emd | SW 6010B |
| Barium, ICP | | 51.3 | | mg/kg dw | 08/23/2001 | 908 | 2906 | <0.71 | emd | SW 6010B |
| Cadmium, ICP | | <1.1 | | mg/kg dw | 08/23/2001 | 908 | 2888 | <1.1 | emd | SW 6010B |
| Chromium, ICP | | 4.7 | | mg/kg dw | 08/23/2001 | 908 | 2876 | <1.4 | emd | SW 6010B |
| Lead, ICP | | 52.7 | | mg/kg dw | 08/23/2001 | 908 | 2877 | <2.9 | emd | SW 6010B |
| Mercury, CVAA | | 0.082 | | mg/kg dw | 08/24/2001 | 613 | 631 | <0.009 | epk | SW 7471A |
| Selenium, ICP | | <3.5 | | mg/kg dw | 08/23/2001 | 908 | 2955 | <3.5 | emd | SW 6010B |
| Silver, ICP | | <1.4 | | mg/kg dw | 08/23/2001 | 908 | 2908 | <1.4 | emd | SW 6010B |
| ICP Digestion, Nonaqueous | | Complete | | | 08/22/2001 | 908 | | Complete | mrt | SW 3050B |
| Mercury Digestion, Non-Aq | | Complete | | | 08/24/2001 | 613 | | Complete | clm | SW 7471A |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | | Complete | | | 08/17/2001 | | 1471 | Complete | bmh | |
| Acetone | | <107 | | ug/kg dw | 08/17/2001 | | 1471 | <107 | bmh | SW 8260A |
| Benzene | | <5.4 | | ug/kg dw | 08/17/2001 | | 1471 | <5.4 | bmh | SW 8260A |
| tert-Butylbenzene | | <5.4 | | ug/kg dw | 08/17/2001 | | 1471 | <5.4 | bmh | SW 8260A |
| sec-Butylbenzene | | <5.4 | | ug/kg dw | 08/17/2001 | | 1471 | <5.4 | bmh | SW 8260A |
| n-Butylbenzene | | <5.4 | | ug/kg dw | 08/17/2001 | | 1471 | <5.4 | bmh | SW 8260A |
| Bromochloromethane | | <5.4 | | ug/kg dw | 08/17/2001 | | 1471 | <5.4 | bmh | SW 8260A |
| Bromodichloromethane | | <5.4 | | ug/kg dw | 08/17/2001 | | 1471 | <5.4 | bmh | SW 8260A |
| Bromoform | | <5.4 | | ug/kg dw | 08/17/2001 | | 1471 | <5.4 | bmh | SW 8260A |
| Bromobenzene | | <5.4 | | ug/kg dw | 08/17/2001 | | 1471 | <5.4 | bmh | SW 8260A |
| 2-Butanone (MEK) | | <54 | | ug/kg dw | 08/17/2001 | | 1471 | <54 | bmh | SW 8260A |

ANALYTICAL REPORT

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 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|-----------------------------|---------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 700410 | SBI002:HMW-9D:S000020:505 | | | | | | | | | DATE/TIME TAKEN 08/15/2001 16:35 |
| Carbon disulfide | | <5.4 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.4 | bmh | SW 8260A |
| Carbon tetrachloride | | <5.4 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.4 | bmh | SW 8260A |
| Chlorobenzene | | <5.4 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.4 | bmh | SW 8260A |
| Chloroethane | | <10.7 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <10.7 | bmh | SW 8260A |
| 2-Chlorotoluene | | <5.4 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.4 | bmh | SW 8260A |
| 4-Chlorotoluene | | <5.4 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.4 | bmh | SW 8260A |
| Chloroform | | <5.4 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.4 | bmh | SW 8260A |
| Chloromethane | | <10.7 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <10.7 | bmh | SW 8260A |
| Dibromochloromethane | | <5.4 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.4 | bmh | SW 8260A |
| Dibromomethane | | <5.4 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.4 | bmh | SW 8260A |
| Dichlorodifluoromethane | | <5.4 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.4 | bmh | SW 8260A |
| 1,2-Dibromo-3-chloropropane | | <5.4 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.4 | bmh | SW 8260A |
| 1,2-Dichlorobenzene | | <5.4 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.4 | bmh | SW 8260A |
| 1,3-Dichlorobenzene | | <5.4 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.4 | bmh | SW 8260A |
| 1,4-Dichlorobenzene | | <5.4 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.4 | bmh | SW 8260A |
| 1,1-Dichloroethane | | <5.4 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.4 | bmh | SW 8260A |
| 1,2-Dichloroethane | | <5.4 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.4 | bmh | SW 8260A |
| 1,1-Dichloroethene | | <5.4 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.4 | bmh | SW 8260A |
| cis-1,2-Dichloroethene | | <5.4 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.4 | bmh | SW 8260A |
| trans-1,2-Dichloroethene | | <5.4 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.4 | bmh | SW 8260A |
| 1,2-Dichloropropane | | <5.4 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.4 | bmh | SW 8260A |
| 1,3-Dichloropropane | | <5.4 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.4 | bmh | SW 8260A |
| 2,2-Dichloropropane | | <5.4 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.4 | bmh | SW 8260A |
| 1,1-Dichloropropene | | <5.4 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.4 | bmh | SW 8260A |
| cis-1,3-Dichloropropene | | <5.4 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.4 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 700410 | SBI002:HMW-9D:S000020:505 | | | | | | | | | DATE/TIME TAKEN 08/15/2001 16:35 |
| | trans-1,3-Dichloropropene | <5.4 | | ug/kg dw | 08/17/2001 | | 1471 | <5.4 | bmh | SW 8260A |
| | Ethylbenzene | <5.4 | | ug/kg dw | 08/17/2001 | | 1471 | <5.4 | bmh | SW 8260A |
| | Hexachlorobutadiene | <5.4 | | ug/kg dw | 08/17/2001 | | 1471 | <5.4 | bmh | SW 8260A |
| | n-Hexane | <21.5 | | ug/kg dw | 08/17/2001 | | 1471 | <21.5 | bmh | SW 8260A |
| | 2-Hexanone | <53.6 | | ug/kg dw | 08/17/2001 | | 1471 | <53.6 | bmh | SW 8260A |
| | Isopropylbenzene (Cumene) | <5.4 | | ug/kg dw | 08/17/2001 | | 1471 | <5.4 | bmh | SW 8260A |
| | p-Isopropyltoluene | <5.4 | | ug/kg dw | 08/17/2001 | | 1471 | <5.4 | bmh | SW 8260A |
| | Bromomethane | <10.7 | | ug/kg dw | 08/17/2001 | | 1471 | <10.7 | bmh | SW 8260A |
| | Methylene Chloride | <10.7 | | ug/kg dw | 08/17/2001 | | 1471 | <10.7 | bmh | SW 8260A |
| | Methyl t-butyl ether (MTBE) | <5.4 | | ug/kg dw | 08/17/2001 | | 1471 | <5.4 | bmh | SW 8260A |
| | 4-Methyl-2-pentanone (MIBK) | <53.6 | | ug/kg dw | 08/17/2001 | | 1471 | <53.6 | bmh | SW 8260A |
| | n-Propylbenzene | <5.4 | | ug/kg dw | 08/17/2001 | | 1471 | <5.4 | bmh | SW 8260A |
| | Styrene | <5.4 | | ug/kg dw | 08/17/2001 | | 1471 | <5.4 | bmh | SW 8260A |
| | Naphthalene | <5.4 | | ug/kg dw | 08/17/2001 | | 1471 | <5.4 | bmh | SW 8260A |
| | 1,1,1,2-Tetrachloroethane | <5.4 | | ug/kg dw | 08/17/2001 | | 1471 | <5.4 | bmh | SW 8260A |
| | 1,1,2,2-Tetrachloroethane | <5.4 | | ug/kg dw | 08/17/2001 | | 1471 | <5.4 | bmh | SW 8260A |
| | Tetrachloroethene | 50.1 | | ug/kg dw | 08/17/2001 | | 1471 | <5.4 | bmh | SW 8260A |
| | Toluene | <5.4 | | ug/kg dw | 08/17/2001 | | 1471 | <5.4 | bmh | SW 8260A |
| | 1,2,4-Trichlorobenzene | <5.4 | | ug/kg dw | 08/17/2001 | | 1471 | <5.4 | bmh | SW 8260A |
| | 1,1,1-Trichloroethane | <5.4 | | ug/kg dw | 08/17/2001 | | 1471 | <5.4 | bmh | SW 8260A |
| | 1,1,2-Trichloroethane | <5.4 | | ug/kg dw | 08/17/2001 | | 1471 | <5.4 | bmh | SW 8260A |
| | Trichloroethene | <5.4 | | ug/kg dw | 08/17/2001 | | 1471 | <5.4 | bmh | SW 8260A |
| | Trichlorofluoromethane | <5.4 | | ug/kg dw | 08/17/2001 | | 1471 | <5.4 | bmh | SW 8260A |
| | 1,2,3-Trichloropropane | <5.4 | | ug/kg dw | 08/17/2001 | | 1471 | <5.4 | bmh | SW 8260A |
| | 1,2,4-Trimethylbenzene | <5.4 | | ug/kg dw | 08/17/2001 | | 1471 | <5.4 | bmh | SW 8260A |

ANALYTICAL REPORT

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HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Analyst | Limit | Initials | Method Reference |
|-----------------------------|----------------------------|----------|------|----------|---------------|--------------|--------------|-------------------|--------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 700410 | SBI002:HMW-9D:S000020:505 | | | | | | | | | | DATE/TIME TAKEN 08/15/2001 16:35 |
| 1,3,5-Trimethylbenzene | | <5.4 | | ug/kg dw | 08/17/2001 | | 1471 | | <5.4 | bmh | SW 8260A |
| Vinyl Acetate | | <5.4 | | ug/kg dw | 08/17/2001 | | 1471 | | <5.4 | bmh | SW 8260A |
| Vinyl Chloride | | <2.1 | | ug/kg dw | 08/17/2001 | | 1471 | | <2.1 | bmh | SW 8260A |
| Xylenes, Total | | <5.4 | | ug/kg dw | 08/17/2001 | | 1471 | | <5.4 | bmh | SW 8260A |
| d4-1,2-Dichloroethane(surr) | | 90 | | % | 08/17/2001 | | 1471 | | | bmh | SW 8260A |
| Dibromofluoromethane(surr) | | 95 | | % | 08/17/2001 | | 1471 | | | bmh | SW 8260A |
| d8-Toluene(surr) | | 96 | | % | 08/17/2001 | | 1471 | | | bmh | SW 8260A |
| Bromofluorobenzene(surr) | | 97 | | % | 08/17/2001 | | 1471 | | | bmh | SW 8260A |
| 700411 | SBI002:HMW-9DD:S000020:505 | | | | | | | | | | DATE/TIME TAKEN 08/15/2001 16:35 |
| Dry Weight | | 94.0 | | % | 08/24/2001 | | 1484 | | | mhg | SM 2540 G. |
| ICP NONAQUEOUS | | Complete | | | 08/23/2001 | | 1245 | Complete | | emd | SW 6010B |
| Arsenic, ICP | | 4.8 | | mg/kg dw | 08/23/2001 | 908 | 2975 | | <3.5 | emd | SW 6010B |
| Barium, ICP | | 47.3 | | mg/kg dw | 08/23/2001 | 908 | 2906 | | <0.70 | emd | SW 6010B |
| Cadmium, ICP | | <1.1 | | mg/kg dw | 08/23/2001 | 908 | 2888 | | <1.1 | emd | SW 6010B |
| Chromium, ICP | | 5.0 | | mg/kg dw | 08/23/2001 | 908 | 2876 | | <1.4 | emd | SW 6010B |
| Lead, ICP | | 47.3 | | mg/kg dw | 08/23/2001 | 908 | 2877 | | <2.9 | emd | SW 6010B |
| Mercury, CVAA | | 0.082 | | mg/kg dw | 08/24/2001 | 613 | 631 | | <0.009 | epk | SW 7471A |
| Selenium, ICP | | <3.5 | | mg/kg dw | 08/23/2001 | 908 | 2955 | | <3.5 | emd | SW 6010B |
| Silver, ICP | | <1.4 | | mg/kg dw | 08/23/2001 | 908 | 2908 | | <1.4 | emd | SW 6010B |

ANALYTICAL REPORT

Kevin Wildman
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08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|--------------------------------|----------------------------|----------|------|----------|---------------|--------------|--------------|-----------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 700411 | SBI002:HMW-9DD:S000020:505 | | | | | | | | | |
| | ICP Digestion, Nonaqueous | Complete | | | 08/22/2001 | 908 | | Complete | mrt | SW 3050B |
| | Mercury Digestion, Non-Aq | Complete | | | 08/24/2001 | 613 | | Complete | clm | SW 7471A |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| | 8260 - SW846 (Non-aq) | Complete | | | 08/17/2001 | 1471 | | Complete | bmh | |
| | Acetone | <106 | | ug/kg dw | 08/17/2001 | 1471 | <106 | | bmh | SW 8260A |
| | Benzene | <5.3 | | ug/kg dw | 08/17/2001 | 1471 | <5.3 | | bmh | SW 8260A |
| | tert-Butylbenzene | <5.3 | | ug/kg dw | 08/17/2001 | 1471 | <5.3 | | bmh | SW 8260A |
| | sec-Butylbenzene | <5.3 | | ug/kg dw | 08/17/2001 | 1471 | <5.3 | | bmh | SW 8260A |
| | n-Butylbenzene | <5.3 | | ug/kg dw | 08/17/2001 | 1471 | <5.3 | | bmh | SW 8260A |
| | Bromochloromethane | <5.3 | | ug/kg dw | 08/17/2001 | 1471 | <5.3 | | bmh | SW 8260A |
| | Bromodichloromethane | <5.3 | | ug/kg dw | 08/17/2001 | 1471 | <5.3 | | bmh | SW 8260A |
| | Bromoform | <5.3 | | ug/kg dw | 08/17/2001 | 1471 | <5.3 | | bmh | SW 8260A |
| | Bromobenzene | <5.3 | | ug/kg dw | 08/17/2001 | 1471 | <5.3 | | bmh | SW 8260A |
| | 2-Butanone (MEK) | <53 | | ug/kg dw | 08/17/2001 | 1471 | <53 | | bmh | SW 8260A |
| | Carbon disulfide | <5.3 | | ug/kg dw | 08/17/2001 | 1471 | <5.3 | | bmh | SW 8260A |
| | Carbon tetrachloride | <5.3 | | ug/kg dw | 08/17/2001 | 1471 | <5.3 | | bmh | SW 8260A |
| | Chlorobenzene | <5.3 | | ug/kg dw | 08/17/2001 | 1471 | <5.3 | | bmh | SW 8260A |
| | Chloroethane | <10.6 | | ug/kg dw | 08/17/2001 | 1471 | <10.6 | | bmh | SW 8260A |
| | 2-Chlorotoluene | <5.3 | | ug/kg dw | 08/17/2001 | 1471 | <5.3 | | bmh | SW 8260A |
| | 4-Chlorotoluene | <5.3 | | ug/kg dw | 08/17/2001 | 1471 | <5.3 | | bmh | SW 8260A |
| | Chloroform | <5.3 | | ug/kg dw | 08/17/2001 | 1471 | <5.3 | | bmh | SW 8260A |
| | Chloromethane | <10.6 | | ug/kg dw | 08/17/2001 | 1471 | <10.6 | | bmh | SW 8260A |
| | Dibromochloromethane | <5.3 | | ug/kg dw | 08/17/2001 | 1471 | <5.3 | | bmh | SW 8260A |
| | Dibromomethane | <5.3 | | ug/kg dw | 08/17/2001 | 1471 | <5.3 | | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|----------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 700411 | SBI002:HMW-9DD:S000020:505 | | | | | | | | | DATE/TIME TAKEN 08/15/2001 16:35 |
| Dichlorodifluoromethane | | <5.3 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.3 | bmh | SW 8260A |
| 1,2-Dibromo-3-chloropropane | | <5.3 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.3 | bmh | SW 8260A |
| 1,2-Dichlorobenzene | | <5.3 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.3 | bmh | SW 8260A |
| 1,3-Dichlorobenzene | | <5.3 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.3 | bmh | SW 8260A |
| 1,4-Dichlorobenzene | | <5.3 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.3 | bmh | SW 8260A |
| 1,1-Dichloroethane | | <5.3 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.3 | bmh | SW 8260A |
| 1,2-Dichloroethane | | <5.3 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.3 | bmh | SW 8260A |
| 1,1-Dichloroethene | | <5.3 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.3 | bmh | SW 8260A |
| cis-1,2-Dichloroethene | | <5.3 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.3 | bmh | SW 8260A |
| trans-1,2-Dichloroethene | | <5.3 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.3 | bmh | SW 8260A |
| 1,2-Dichloropropane | | <5.3 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.3 | bmh | SW 8260A |
| 1,3-Dichloropropane | | <5.3 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.3 | bmh | SW 8260A |
| 2,2-Dichloropropane | | <5.3 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.3 | bmh | SW 8260A |
| 1,1-Dichloropropene | | <5.3 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.3 | bmh | SW 8260A |
| cis-1,3-Dichloropropene | | <5.3 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.3 | bmh | SW 8260A |
| trans-1,3-Dichloropropene | | <5.3 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.3 | bmh | SW 8260A |
| Ethylbenzene | | <5.3 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.3 | bmh | SW 8260A |
| Hexachlorobutadiene | | <5.3 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.3 | bmh | SW 8260A |
| n-Hexane | | <21.3 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <21.3 | bmh | SW 8260A |
| 2-Hexanone | | <53.2 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <53.2 | bmh | SW 8260A |
| Isopropylbenzene (Cumene) | | <5.3 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.3 | bmh | SW 8260A |
| p-Isopropyltoluene | | <5.3 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.3 | bmh | SW 8260A |
| Bromomethane | | <10.6 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <10.6 | bmh | SW 8260A |
| Methylene Chloride | | <10.6 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <10.6 | bmh | SW 8260A |
| Methyl t-butyl ether (MTBE) | | <5.3 | | ug/kg dw | 08/17/2001 | 1471 | 1471 | <5.3 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------------------------|----------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 700411 | SBI002:HMW-9DD:S000020:505 | | | | | | | | | DATE/TIME TAKEN 08/15/2001 16:35 |
| 4-Methyl-2-pentanone (MIBK) | | <53.2 | | ug/kg dw | 08/17/2001 | | 1471 | <53.2 | bmh | SW 8260A |
| n-Propylbenzene | | <5.3 | | ug/kg dw | 08/17/2001 | | 1471 | <5.3 | bmh | SW 8260A |
| Styrene | | <5.3 | | ug/kg dw | 08/17/2001 | | 1471 | <5.3 | bmh | SW 8260A |
| Naphthalene | | <5.3 | | ug/kg dw | 08/17/2001 | | 1471 | <5.3 | bmh | SW 8260A |
| 1,1,1,2-Tetrachloroethane | | <5.3 | | ug/kg dw | 08/17/2001 | | 1471 | <5.3 | bmh | SW 8260A |
| 1,1,2,2-Tetrachloroethane | | <5.3 | | ug/kg dw | 08/17/2001 | | 1471 | <5.3 | bmh | SW 8260A |
| Tetrachloroethene | | 83.9 | | ug/kg dw | 08/17/2001 | | 1471 | <5.3 | bmh | SW 8260A |
| Toluene | | <5.3 | | ug/kg dw | 08/17/2001 | | 1471 | <5.3 | bmh | SW 8260A |
| 1,2,4-Trichlorobenzene | | <5.3 | | ug/kg dw | 08/17/2001 | | 1471 | <5.3 | bmh | SW 8260A |
| 1,1,1-Trichloroethane | | <5.3 | | ug/kg dw | 08/17/2001 | | 1471 | <5.3 | bmh | SW 8260A |
| 1,1,2-Trichloroethane | | <5.3 | | ug/kg dw | 08/17/2001 | | 1471 | <5.3 | bmh | SW 8260A |
| Trichloroethene | | <5.3 | | ug/kg dw | 08/17/2001 | | 1471 | <5.3 | bmh | SW 8260A |
| Trichlorofluoromethane | | <5.3 | | ug/kg dw | 08/17/2001 | | 1471 | <5.3 | bmh | SW 8260A |
| 1,2,3-Trichloropropane | | <5.3 | | ug/kg dw | 08/17/2001 | | 1471 | <5.3 | bmh | SW 8260A |
| 1,2,4-Trimethylbenzene | | <5.3 | | ug/kg dw | 08/17/2001 | | 1471 | <5.3 | bmh | SW 8260A |
| 1,3,5-Trimethylbenzene | | <5.3 | | ug/kg dw | 08/17/2001 | | 1471 | <5.3 | bmh | SW 8260A |
| Vinyl Acetate | | <5.3 | | ug/kg dw | 08/17/2001 | | 1471 | <5.3 | bmh | SW 8260A |
| Vinyl Chloride | | <2.1 | | ug/kg dw | 08/17/2001 | | 1471 | <2.1 | bmh | SW 8260A |
| Xylenes, Total | | <5.3 | | ug/kg dw | 08/17/2001 | | 1471 | <5.3 | bmh | SW 8260A |
| d4-1,2-Dichloroethane (surr) | | 89 | | % | 08/17/2001 | | 1471 | | bmh | SW 8260A |
| Dibromofluoromethane (surr) | | 93 | | % | 08/17/2001 | | 1471 | | bmh | SW 8260A |
| d8-Toluene (surr) | | 96 | | % | 08/17/2001 | | 1471 | | bmh | SW 8260A |
| Bromofluorobenzene (surr) | | 101 | | % | 08/17/2001 | | 1471 | | bmh | SW 8260A |

ANALYTICAL REPORT

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6130 Wilcox Rd.
Dublin, OH 43016

08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|------------------------|--------|------|-------|------------|--------|-------|-----------|---------|-------------------------------------|
| | | | | | Analyzed | Number | Batch | Batch | Limit | |
| 700412 | SBI002:FB1:W081501:505 | | | | | | | | | DATE/TIME TAKEN 08/15/2001 17:00 |
| ICPMS TOTAL METALS | Complete | | | | 08/28/2001 | | 2480 | Complete | kmb | SW 6020 |
| Arsenic, ICPMS | <0.0050 | mg/L | | | 08/28/2001 | 1812 | 3587 | <0.0050 | kmb | SW 6020 |
| Barium, ICPMS | <0.0050 | mg/L | | | 08/28/2001 | 1812 | 3796 | <0.0050 | kmb | SW 6020 |
| Cadmium, ICPMS | <0.0010 | mg/L | | | 08/28/2001 | 1812 | 3466 | <0.0010 | kmb | SW 6020 |
| Chromium, ICPMS (0.005) | <0.0050 | mg/L | | | 08/28/2001 | 1812 | 3854 | <0.0050 | kmb | SW 6020 |
| Lead, ICPMS | <0.0010 | mg/L | | | 08/28/2001 | 1812 | 3544 | <0.0010 | kmb | SW 6020 |
| Mercury, CVAA | <0.0002 | mg/L | | | 08/23/2001 | 1375 | 1317 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | <0.0050 | mg/L | | | 08/20/2001 | 732 | 556 | <0.0050 | lnh | SW 7740 |
| Silver, ICPMS | <0.0005 | mg/L | | | 08/28/2001 | 1812 | 3798 | <0.0005 | kmb | SW 6020 |
| Metals Digestion, ICPMS | Complete | | | | 08/24/2001 | 1812 | | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | Complete | | | | 08/20/2001 | 732 | | Complete | clm | SW 3020A |
| Manual Mercury Digestion | Complete | | | | 08/23/2001 | 1375 | | Complete | clm | SW 7470A |
| Prep, Base Neutral | Complete | | | | 08/20/2001 | 1258 | | Complete | lmc | EPA 625 ; SW 3510C ; SW 352 |
| Prep, Acid Extractable | Complete | | | | 08/20/2001 | 1258 | | Complete | lmc | EPA 625 ; SW 3510C ; SW 352 |
| Prep, PCBs Aqueous 8082 | Complete | | | | 08/17/2001 | 57 | | Complete | lmc | SW 3510C; SW 3520C |
| Prep, TPH - 418.1 aq | COMPLETE | | | | 08/24/2001 | 597 | | Complete | sub | EPA 418.1 |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | Complete | | | | 08/16/2001 | | 3490 | Complete | mrh | |
| Acetone | <20.0 | ug/L | | | 08/16/2001 | | 3490 | <20.0 | mrh | SW 8260B |
| Benzene | <1.0 | ug/L | | | 08/16/2001 | | 3490 | <1.0 | mrh | SW 8260B |
| tert-Butylbenzene | <1.0 | ug/L | | | 08/16/2001 | | 3490 | <1.0 | mrh | SW 8260B |
| sec-Butylbenzene | <1.0 | ug/L | | | 08/16/2001 | | 3490 | <1.0 | mrh | SW 8260B |
| n-Butylbenzene | <1.0 | ug/L | | | 08/16/2001 | | 3490 | <1.0 | mrh | SW 8260B |
| Bromochloromethane | <1.0 | ug/L | | | 08/16/2001 | | 3490 | <1.0 | mrh | SW 8260B |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Analyst | Method Reference |
|-----------------------------|------------------------|--------|------|-------|---------------|--------------|--------------|-------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | |
| 700412 | SBI002:FB1:W081501:505 | | | | | | | | DATE/TIME TAKEN 08/15/2001 17:00 |
| Bromodichloromethane | | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | mrh | SW 8260B |
| Bromoform | | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | mrh | SW 8260B |
| Bromobenzene | | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | mrh | SW 8260B |
| 2-Butanone (MEK) | | <12.5 | | ug/L | 08/16/2001 | 3490 | 3490 | mrh | SW 8260B |
| Carbon disulfide | | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | mrh | SW 8260B |
| Carbon tetrachloride | | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | mrh | SW 8260B |
| Chlorobenzene | | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | mrh | SW 8260B |
| Chloroethane | | <5.0 | | ug/L | 08/16/2001 | 3490 | 3490 | mrh | SW 8260B |
| 2-Chlorotoluene | | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | mrh | SW 8260B |
| 4-Chlorotoluene | | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | mrh | SW 8260B |
| Chloroform | | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | mrh | SW 8260B |
| Chloromethane | | <5.0 | | ug/L | 08/16/2001 | 3490 | 3490 | mrh | SW 8260B |
| Dibromochloromethane | | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | mrh | SW 8260B |
| Dibromomethane | | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | mrh | SW 8260B |
| Dichlorodifluoromethane | | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | mrh | SW 8260B |
| 1,2-Dibromo-3-chloropropane | | <5.0 | | ug/L | 08/16/2001 | 3490 | 3490 | mrh | SW 8260B |
| 1,2-Dichlorobenzene | | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | mrh | SW 8260B |
| 1,3-Dichlorobenzene | | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | mrh | SW 8260B |
| 1,4-Dichlorobenzene | | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | mrh | SW 8260B |
| 1,1-Dichloroethane | | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | mrh | SW 8260B |
| 1,2-Dichloroethane | | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | mrh | SW 8260B |
| 1,1-Dichloroethene | | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | mrh | SW 8260B |
| cis-1,2-Dichloroethene | | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | mrh | SW 8260B |
| trans-1,2-Dichloroethene | | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | mrh | SW 8260B |
| 1,2-Dichloropropane | | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | mrh | SW 8260B |

ANALYTICAL REPORT

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 6130 Wilcox Rd.
 Dublin, OH 43016

08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 700412 | SBI002:FB1:W081501:505 | | | | | | | | | DATE/TIME TAKEN 08/15/2001 17:00 |
| | ,3-Dichloropropane | <1.0 | | ug/L | 08/16/2001 | | 3490 | <1.0 | mrh | SW 8260B |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 08/16/2001 | | 3490 | <1.0 | mrh | SW 8260B |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 08/16/2001 | | 3490 | <1.0 | mrh | SW 8260B |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 08/16/2001 | | 3490 | <1.0 | mrh | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 08/16/2001 | | 3490 | <1.0 | mrh | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 08/16/2001 | | 3490 | <1.0 | mrh | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 08/16/2001 | | 3490 | <5.0 | mrh | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 08/16/2001 | | 3490 | <5.0 | mrh | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 08/16/2001 | | 3490 | <12.5 | mrh | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 08/16/2001 | | 3490 | <1.0 | mrh | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 08/16/2001 | | 3490 | <1.0 | mrh | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 08/16/2001 | | 3490 | <5.0 | mrh | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 08/16/2001 | | 3490 | <5.0 | mrh | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 08/16/2001 | | 3490 | <5.0 | mrh | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 08/16/2001 | | 3490 | <12.5 | mrh | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 08/16/2001 | | 3490 | <1.0 | mrh | SW 8260B |
| | Styrene | <1.0 | | ug/L | 08/16/2001 | | 3490 | <1.0 | mrh | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 08/16/2001 | | 3490 | <5.0 | mrh | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 08/16/2001 | | 3490 | <1.0 | mrh | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 08/16/2001 | | 3490 | <1.0 | mrh | SW 8260B |
| | Tetrachloroethene | <1.0 | | ug/L | 08/16/2001 | | 3490 | <1.0 | mrh | SW 8260B |
| | Toluene | <1.0 | | ug/L | 08/16/2001 | | 3490 | <1.0 | mrh | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 08/16/2001 | | 3490 | <5.0 | mrh | SW 8260B |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 08/16/2001 | | 3490 | <1.0 | mrh | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 08/16/2001 | | 3490 | <1.0 | mrh | SW 8260B |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------------------------|------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 700412 | SBI002:FB1:W081501:505 | | | | | | | | | DATE/TIME TAKEN 08/15/2001 17:00 |
| Trichloroethene | | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | <1.0 | mrh | SW 8260B |
| Trichlorofluoromethane | | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | <1.0 | mrh | SW 8260B |
| 1,2,3-Trichloropropane | | <5.0 | | ug/L | 08/16/2001 | 3490 | 3490 | <5.0 | mrh | SW 8260B |
| 1,2,4-Trimethylbenzene | | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | <1.0 | mrh | SW 8260B |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | <1.0 | mrh | SW 8260B |
| Vinyl Acetate | | <5.0 | | ug/L | 08/16/2001 | 3490 | 3490 | <5.0 | mrh | SW 8260B |
| Vinyl Chloride | | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | <1.0 | mrh | SW 8260B |
| Xylenes | | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | <1.0 | mrh | SW 8260B |
| d4-1,2-Dichloroethane (surr) | | 107 | | % | 08/16/2001 | 3490 | 3490 | | mrh | SW 8260B |
| Dibromofluoromethane (surr) | | 106 | | % | 08/16/2001 | 3490 | 3490 | | mrh | SW 8260B |
| d8-Toluene (surr) | | 100 | | % | 08/16/2001 | 3490 | 3490 | | mrh | SW 8260B |
| Bromofluorobenzene (surr) | | 108 | | % | 08/16/2001 | 3490 | 3490 | | mrh | SW 8260B |
| BASE NEUTRAL COMP. (AQ) | 8270 | | | | | | | | | |
| Acenaphthene | | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| Acenaphthylene | | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| Anthracene | | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| Benzo(a)anthracene | | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| Benzo(b)fluoranthene | | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| Benzo(k)fluoranthene | | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| Benzo(a)pyrene | | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| Benzyl alcohol | | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| Benzyl butyl phthalate | | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| bis(2-Chloroethyl) ether | | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| bis(2-Chloroethoxy)methane | | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------|------------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 700412 | SBI002:FB1:W081501:505 | | | | | | | | | DATE/TIME TAKEN 08/15/2001 17:00 |
| | 3-(2-Ethylhexyl)phthalate | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | 2,2'-oxybis(1-Chloropropane) | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | 4-Bromophenyl phenyl ether | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | 4-Chloroaniline | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | 2-Chloronaphthalene | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | Chrysene | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | Dibenzo(a,h)anthracene | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | Dibenzofuran | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | 1,2-Dichlorobenzene | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | 1,3-Dichlorobenzene | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | 1,4-Dichlorobenzene | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | 3,3'-Dichlorobenzidine | <50 | | ug/L | 08/27/2001 | 1258 | 2666 | <50 | jcs | SW 8270C |
| | Diethyl phthalate | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | Dimethyl phthalate | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | 2,4-Dinitrotoluene | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | 2,6-Dinitrotoluene | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | Di-n-octylphthalate | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | Fluoranthene | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | Fluorene | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | Hexachlorobenzene | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | Hexachloro-1,3-butadiene | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | Hexachlorocyclopentadiene | <20 | | ug/L | 08/27/2001 | 1258 | 2666 | <20 | jcs | SW 8270C |
| | Hexachloroethane | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | Indeno(1,2,3-cd)pyrene | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | Isophorone | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|---------------------------|--------|------|-------|------------|-------|-------|-----------|---------|------------------|
| | | | | | Analyzed | Batch | Batch | | Limit | |
| 700412 | SBI002:FB1:W081501:505 | | | | | | | | | |
| | Surrogate: 2-Fluorophenol | 77 | | % | 08/27/2001 | 1258 | 2666 | | jcs | SW 8270C |
| | Surrogate: Tribromophenol | 95 | | % | 08/27/2001 | 1258 | 2666 | | jcs | SW 8270C |
| | PCB's M 8082. Aqueous | | | | | | | | | |
| | Aroclor 1016 | <0.20 | | ug/L | 08/21/2001 | 57 | 105 | <0.20 | jdc | SW 8082 |
| | Aroclor 1221 | <0.20 | | ug/L | 08/21/2001 | 57 | 105 | <0.20 | jdc | SW 8082 |
| | Aroclor 1232 | <0.20 | | ug/L | 08/21/2001 | 57 | 105 | <0.20 | jdc | SW 8082 |
| | Aroclor 1242 | <0.20 | | ug/L | 08/21/2001 | 57 | 105 | <0.20 | jdc | SW 8082 |
| | Aroclor 1248 | <0.20 | | ug/L | 08/21/2001 | 57 | 105 | <0.20 | jdc | SW 8082 |
| | Aroclor 1254 | <0.20 | | ug/L | 08/21/2001 | 57 | 105 | <0.20 | jdc | SW 8082 |
| | Aroclor 1260 | <0.20 | | ug/L | 08/21/2001 | 57 | 105 | <0.20 | jdc | SW 8082 |
| | Surrogate:DCB/TCX | 121/81 | | % | 08/21/2001 | 57 | 105 | | jdc | SW 8082 |
| | TPH - Method 418.1 (AQ) | <0.20 | | mg/L | 08/24/2001 | 597 | 717 | <0.20 | 260 | EPA 418.1 |

DATE/TIME TAKEN
 08/15/2001 17:00

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|--------------------|--------|------|-------|------------|-------|-------|-----------|---------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | | | |
| 700413 | SBI002:TB1:W081501 | | | | | | | | | DATE/TIME TAKEN 08/15/2001 17:00 |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | Complete | | | | 08/16/2001 | | 3490 | Complete | mrh | |
| Acetone | <20.0 | ug/L | | | 08/16/2001 | | 3490 | <20.0 | mrh | SW 8260B |
| Benzene | <1.0 | ug/L | | | 08/16/2001 | | 3490 | <1.0 | mrh | SW 8260B |
| tert-Butylbenzene | <1.0 | ug/L | | | 08/16/2001 | | 3490 | <1.0 | mrh | SW 8260B |
| sec-Butylbenzene | <1.0 | ug/L | | | 08/16/2001 | | 3490 | <1.0 | mrh | SW 8260B |
| n-Butylbenzene | <1.0 | ug/L | | | 08/16/2001 | | 3490 | <1.0 | mrh | SW 8260B |
| Bromochloromethane | <1.0 | ug/L | | | 08/16/2001 | | 3490 | <1.0 | mrh | SW 8260B |
| Bromodichloromethane | <1.0 | ug/L | | | 08/16/2001 | | 3490 | <1.0 | mrh | SW 8260B |
| Bromoform | <1.0 | ug/L | | | 08/16/2001 | | 3490 | <1.0 | mrh | SW 8260B |
| Bromobenzene | <1.0 | ug/L | | | 08/16/2001 | | 3490 | <1.0 | mrh | SW 8260B |
| 2-Butanone (MEK) | <12.5 | ug/L | | | 08/16/2001 | | 3490 | <12.5 | mrh | SW 8260B |
| Carbon disulfide | <1.0 | ug/L | | | 08/16/2001 | | 3490 | <1.0 | mrh | SW 8260B |
| Carbon tetrachloride | <1.0 | ug/L | | | 08/16/2001 | | 3490 | <1.0 | mrh | SW 8260B |
| Chlorobenzene | <1.0 | ug/L | | | 08/16/2001 | | 3490 | <1.0 | mrh | SW 8260B |
| Chloroethane | <5.0 | ug/L | | | 08/16/2001 | | 3490 | <5.0 | mrh | SW 8260B |
| 2-Chlorotoluene | <1.0 | ug/L | | | 08/16/2001 | | 3490 | <1.0 | mrh | SW 8260B |
| 4-Chlorotoluene | <1.0 | ug/L | | | 08/16/2001 | | 3490 | <1.0 | mrh | SW 8260B |
| Chloroform | <1.0 | ug/L | | | 08/16/2001 | | 3490 | <1.0 | mrh | SW 8260B |
| Chloromethane | <5.0 | ug/L | | | 08/16/2001 | | 3490 | <5.0 | mrh | SW 8260B |
| Dibromochloromethane | <1.0 | ug/L | | | 08/16/2001 | | 3490 | <1.0 | mrh | SW 8260B |
| Dibromomethane | <1.0 | ug/L | | | 08/16/2001 | | 3490 | <1.0 | mrh | SW 8260B |
| Dichlorodifluoromethane | <1.0 | ug/L | | | 08/16/2001 | | 3490 | <1.0 | mrh | SW 8260B |
| 1,2-Dibromo-3-chloropropane | <5.0 | ug/L | | | 08/16/2001 | | 3490 | <5.0 | mrh | SW 8260B |
| 1,2-Dichlorobenzene | <1.0 | ug/L | | | 08/16/2001 | | 3490 | <1.0 | mrh | SW 8260B |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference |
|---------------|-------------------|------------------|-----------------|------------------|------------------|
|---------------|-------------------|------------------|-----------------|------------------|------------------|

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|-------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| 700413 | SBI002:TB1:W081501 | | | | | | | | | | 08/15/2001 17:00 |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | <1.0 | mrh | SW 8260B | |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | <1.0 | mrh | SW 8260B | |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | <1.0 | mrh | SW 8260B | |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | <1.0 | mrh | SW 8260B | |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | <1.0 | mrh | SW 8260B | |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | <1.0 | mrh | SW 8260B | |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | <1.0 | mrh | SW 8260B | |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | <1.0 | mrh | SW 8260B | |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | <1.0 | mrh | SW 8260B | |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | <1.0 | mrh | SW 8260B | |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | <1.0 | mrh | SW 8260B | |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | <1.0 | mrh | SW 8260B | |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | <1.0 | mrh | SW 8260B | |
| | Ethylbenzene | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | <1.0 | mrh | SW 8260B | |
| | Hexachlorobutadiene | <5.0 | | ug/L | 08/16/2001 | 3490 | 3490 | <5.0 | mrh | SW 8260B | |
| | n-Hexane | <5.0 | | ug/L | 08/16/2001 | 3490 | 3490 | <5.0 | mrh | SW 8260B | |
| | 2-Hexanone | <12.5 | | ug/L | 08/16/2001 | 3490 | 3490 | <12.5 | mrh | SW 8260B | |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | <1.0 | mrh | SW 8260B | |
| | p-Isopropyltoluene | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | <1.0 | mrh | SW 8260B | |
| | Bromomethane | <5.0 | | ug/L | 08/16/2001 | 3490 | 3490 | <5.0 | mrh | SW 8260B | |
| | Methylene Chloride | <5.0 | | ug/L | 08/16/2001 | 3490 | 3490 | <5.0 | mrh | SW 8260B | |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 08/16/2001 | 3490 | 3490 | <5.0 | bmh | SW 8260B | |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 08/16/2001 | 3490 | 3490 | <12.5 | mrh | SW 8260B | |
| | n-Propylbenzene | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | <1.0 | mrh | SW 8260B | |
| | Styrene | <1.0 | | ug/L | 08/16/2001 | 3490 | 3490 | <1.0 | mrh | SW 8260B | |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/30/2001

Job Number: 01.14810

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Limit | Initials | Method Reference |
|------------------------------|--------------------|--------|------|-------|------------|-------|-------|-----------|---------|-------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | | Number | | | |
| 700413 | SBI002:TB1:W081501 | | | | | | | | | | | DATE/TIME TAKEN 08/15/2001 17:00 |
| Naphthalene | | <5.0 | | ug/L | 08/16/2001 | | 3490 | <5.0 | mrh | | | SW 8260B |
| 1,1,1,2-Tetrachloroethane | | <1.0 | | ug/L | 08/16/2001 | | 3490 | <1.0 | mrh | | | SW 8260B |
| 1,1,2,2-Tetrachloroethane | | <1.0 | | ug/L | 08/16/2001 | | 3490 | <1.0 | mrh | | | SW 8260B |
| Tetrachloroethene | | <1.0 | | ug/L | 08/16/2001 | | 3490 | <1.0 | mrh | | | SW 8260B |
| Toluene | | <1.0 | | ug/L | 08/16/2001 | | 3490 | <1.0 | mrh | | | SW 8260B |
| 1,2,4-Trichlorobenzene | | <5.0 | | ug/L | 08/16/2001 | | 3490 | <5.0 | mrh | | | SW 8260B |
| 1,1,1-Trichloroethane | | <1.0 | | ug/L | 08/16/2001 | | 3490 | <1.0 | mrh | | | SW 8260B |
| 1,1,2-Trichloroethane | | <1.0 | | ug/L | 08/16/2001 | | 3490 | <1.0 | mrh | | | SW 8260B |
| Trichloroethene | | <1.0 | | ug/L | 08/16/2001 | | 3490 | <1.0 | mrh | | | SW 8260B |
| Trichlorofluoromethane | | <1.0 | | ug/L | 08/16/2001 | | 3490 | <1.0 | mrh | | | SW 8260B |
| 1,2,3-Trichloropropane | | <5.0 | | ug/L | 08/16/2001 | | 3490 | <5.0 | mrh | | | SW 8260B |
| 1,2,4-Trimethylbenzene | | <1.0 | | ug/L | 08/16/2001 | | 3490 | <1.0 | mrh | | | SW 8260B |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 08/16/2001 | | 3490 | <1.0 | mrh | | | SW 8260B |
| Vinyl Acetate | | <5.0 | | ug/L | 08/16/2001 | | 3490 | <5.0 | mrh | | | SW 8260B |
| Vinyl Chloride | | <1.0 | | ug/L | 08/16/2001 | | 3490 | <1.0 | mrh | | | SW 8260B |
| Xylenes | | <1.0 | | ug/L | 08/16/2001 | | 3490 | <1.0 | mrh | | | SW 8260B |
| d4-1,2-Dichloroethane (surr) | | 110 | | % | 08/16/2001 | | 3490 | | mrh | | | SW 8260B |
| Dibromofluoromethane (surr) | | 109 | | % | 08/16/2001 | | 3490 | | mrh | | | SW 8260B |
| d8-Toluene (surr) | | 99 | | % | 08/16/2001 | | 3490 | | mrh | | | SW 8260B |
| Bromofluorobenzene (surr) | | 107 | | % | 08/16/2001 | | 3490 | | mrh | | | SW 8260B |

QUALITY CONTROL FLAG DEFINITIONS

Job Number: 01.14810

(*) Indicates an out-of-control QC. The analytical data was reported based on other supporting quality control information.

(Note) Indicates to review the notes and comments section of the analytical report as there is additional information concerning this analytical result.

(MS) Indicates that the Matrix Spike (MS) was out of statistical advisory limits.

(MSD) Indicates that the Matrix Spike Duplicate (MSD) was out of statistical advisory limits.

(RPD) Indicates that the Relative Percent Difference (RPD) for the MS/MSD pair was outside of statistical advisory limits.

(SS) Indicates that the MS and MSD were out of statistical advisory limits.

(SSR) Indicates that the MS, MSD and RPD were out of statistical advisory limits.

(MSR) Indicates that the MS and RPD were out of statistical advisory limits.

(MSDR) Indicates that the MSD and RPD were out of statistical advisory limits.

(DL) Indicates that the MS and MSD were diluted out and the percent recoveries of the spikes could not be calculated.

(LS) Indicates that statistical accuracy and precision data is not available for spike concentrations which are $< 1/4$ of the sample amount. Care should be used in interpreting this data.

(J) Indicates estimated concentration due to internal standard areas or surrogate recoveries outside of control limits. A sample matrix effect is usually indicated.

(DW) Indicates Dry Weight.

Analytical Reporting Limits

The reporting limits listed for non-aqueous samples in the analytical report section are Practical Quantitation Limits (PQLs). These PQLs are based upon a typical standard weight used for a non-aqueous sample. The reporting limit for a sample may be different from the PQL listed depending upon the actual weight of sample used, the samples moisture content and any dilutions used during the analysis.

NOTES AND COMMENTS

TestAmerica Job Number: 1.14810

Sample Number: 700407

Analysis: 8260 - Volatiles

Elevated reporting limits due to dilution for matrix interference. Internal standard response for d4-1,2-dichloroethane was below recommended response limits. No hits were reported for compounds quantitated using the internal standard. Surrogate recovery of bromofluorobenzene was above recommended recovery limits of 74-121%. Results were confirmed by repeat analysis.

Sample Number: 700407

Analysis: 8270 BNA

Response for internal standard d12-chrysene was above the recommended level. Results for compounds quantitated from it should be considered estimated. These include pyrene, benzo(a)anthracene and chrysene.

Sample Number: 700408

Analysis: 8270 BNA

Recovery of surrogate 2-fluorophenol was below the recommended level. All other surrogate recoveries were acceptable.

CHAIN OF CUSTODY RECORD



Hull & Associates, Inc.

Dublin
 6130 Wilcox Road
 Dublin, Ohio 43016
 Phone: (614)385-8777
 Fax: (614)385-9070

Toledo
 3401 Glendale Avenue
 SUITE 300
 Toledo, Ohio 43614
 Phone: (419)385-2018
 Fax: (419)385-9489

Mason
 4700 Dulke Drive, Suite 172
 Mason, Ohio 45040
 Phone: (513)459-9677
 Fax: (513)459-9669

Warrensville Heights
 4949 Galaxy Parkway, Suite S
 Warrensville Heights, Ohio 44128
 Phone: (216)514-7100
 Fax: (216)514-7104

REPORT TO: KEVIN WIDMANN

Client: South Bend
 Site: AREA A
 Project#: SBI002 Phase: 01.TST
 Samplers: M. Coors FARE

700405-113 140

PAGE 1 OF 1

NO. **5327**

ANALYSES

PRESERVATIVES A A A A A

SAMPLE TYPES
 A - ASBESTOS
 B - SEDIMENT
 C - GROUNDWATER
 D - PRODUCT
 E - SOIL
 F - WATER
 G - OTHERS
 All samples are kept at 4°C.

PRESERVATIVES
 A - Cool only, <4°C
 B - HNO₃ pH<2
 C - H₂SO₄ pH<2
 D - NaOH pH>12
 E - Znacetate + NaOH, pH>9
 F - Na₂S₂O₃ (0.008%)
 G - HCl, pH <2

METALS
 F - FILTERED
 N - NOT FILTERED
 B - BOTH

| PROJECT NO. | SAMPLE LOCATION | SAMPLE TYPE | SAMPLER ID | NO. OF METALS CONT. | SAMPLING DATE/TIME | COMMENTS |
|-------------|-----------------|-------------|------------|---------------------|--------------------|--|
| SBI001 | Hmw-14s | S010015 | 412 | 3 | 8-15-01 835 | ✓ Voc 8260 418.1 8270 8280 |
| SBI001 | Hmw-14s | S010015 | 412 | 3 | 8-15-01 855 | ✓ |
| SBI001 | Hmw-14s | S040050 | 412 | 3 | 8-15-01 914 | ✓ |
| SBI001 | Hmw-14s | S190210 | 412 | 3 | 8-15-01 1000 | ✓ |
| SBI001 | Hmw-14s | S210230 | 412 | 3 | 8-15-01 1008 | ✓ |
| : | : | : | : | : | : | |
| : | : | : | : | : | : | |
| : | : | : | : | : | : | |
| : | : | : | : | : | : | |
| : | : | : | : | : | : | |
| : | : | : | : | : | : | |
| : | : | : | : | : | : | |
| : | : | : | : | : | : | |
| : | : | : | : | : | : | |

RELINQUISHED BY: M. Coors DATE: 8-15-01 TIME: 1752

RECEIVED BY: Max Young DATE: 8-15-01 TIME: 8-15-01

RELINQUISHED BY: Max Young DATE: 8-15-01 TIME: 8-15-01

RECEIVED BY: FEP DATE: 8-16-01 TIME: 9-40-01

RELINQUISHED BY: Max Young DATE: 8-15-01 TIME: 8-15-01

RECEIVED BY: FEP DATE: 8-16-01 TIME: 9-40-01

COOLER TEMPERATURE AS RECEIVED: 4.5°C

DISTRIBUTION:
 WHITE --LAB USE (MUST BE RETURNED WITH REPORT)
 YELLOW --LAB USE
 PINK --RETAINED BY HAU

Deliver To: Sample Receiving **FED EX**

Method of Delivery: FED EX **4.5°C**

Airbill Number: 724265968006

NOTES:

TURN AROUND TIME: Standard DAYS

SBI002

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

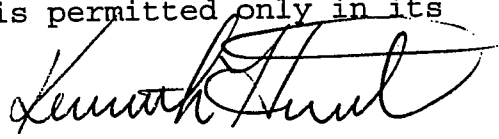
Enclosed is the analytical report for the following samples submitted to the Dayton Division of TestAmerica, Inc. for analysis:

| <u>Sample Number</u> | <u>Sample Description</u> | <u>Date Taken</u> | <u>Date Received</u> |
|----------------------|---------------------------|-------------------|----------------------|
| 699297 | SBI002:GB-14:S015025:412 | 08/08/2001 | 08/10/2001 |
| 699298 | SBI002:GB-5:S015025:412 | 08/08/2001 | 08/10/2001 |
| 699299 | SBI002:SB-5:S000015:412 | 08/08/2001 | 08/10/2001 |
| 699300 | SBI002:GB-8:S000015:412 | 08/08/2001 | 08/10/2001 |
| 699301 | SBI002:GB-13:S010020:412 | 08/08/2001 | 08/10/2001 |
| 699302 | SBI002:GB-3:S005020:412 | 08/08/2001 | 08/10/2001 |
| 699303 | SBI002:GB-3D:S005020:412 | 08/08/2001 | 08/10/2001 |
| 699304 | SBI002:GB-32:S000015:412 | 08/08/2001 | 08/10/2001 |
| 699305 | SBI002:GB-19:S000010:412 | 08/08/2001 | 08/10/2001 |
| 699306 | SBI002:GB-1:S000010:412 | 08/09/2001 | 08/10/2001 |
| 699307 | SBI002:GB-1D:S000010:412 | 08/09/2001 | 08/10/2001 |
| 699308 | SBI002:GB-2:S010015:412 | 08/09/2001 | 08/10/2001 |
| 699309 | SBI002:GB-9:S000020:412 | 08/09/2001 | 08/10/2001 |
| 699310 | SBI002:GB-10:S000020:412 | 08/09/2001 | 08/10/2001 |
| 699311 | SBI002:GB-12:S000020:412 | 08/09/2001 | 08/10/2001 |
| 699312 | SBI002:HMW26S:S015025:412 | 08/09/2001 | 08/10/2001 |
| 699313 | SBI002:FB-1:W080901:412 | 08/09/2001 | 08/10/2001 |
| 699314 | SBI002:TB-1:W080901:412 | 08/09/2001 | 08/10/2001 |

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Reproduction of this analytical report is permitted only in its entirety.

Enclosure


Approved By

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | DATE/TIME TAKEN |
|-------------------------------|--------------------------|----------|------|----------|---------------|-------------------|------------------|-----------------|------------------|----------------------------|
| | | | | | | | | | | Method Reference |
| 699297 | SBI002:GB-14:S015025:412 | | | | | | | | | 08/08/2001 15:20 |
| Dry Weight | | 90.1 | | % | 08/16/2001 | | 1478 | | mhg | SM 2540 G. |
| ICP NONAQUEOUS | | Complete | | | 08/16/2001 | | 1229 | Complete | emd | SW 6010B |
| Arsenic, ICP | | <7.1 | | mg/kg dw | 08/16/2001 | 901 | 2956 | <7.1 | emd | SW 6010B |
| Barium, ICP | | 64.2 | | mg/kg dw | 08/16/2001 | 901 | 2887 | <1.4 | emd | SW 6010B |
| Cadmium, ICP | | <2.1 | | mg/kg dw | 08/16/2001 | 901 | 2869 | <2.1 | emd | SW 6010B |
| Chromium, ICP | | 10 | | mg/kg dw | 08/16/2001 | 901 | 2857 | <2.9 | emd | SW 6010B |
| Lead, ICP | | 69.3 | | mg/kg dw | 08/16/2001 | 901 | 2858 | <5.8 | emd | SW 6010B |
| Mercury, CVAA | | 0.095 | | mg/kg dw | 08/17/2001 | 607 | 624 | <0.009 | epk | SW 7471A |
| Selenium, ICP | | <7.1 | | mg/kg dw | 08/16/2001 | 901 | 2936 | <7.1 | emd | SW 6010B |
| Silver, ICP | | <2.9 | | mg/kg dw | 08/16/2001 | 901 | 2889 | <2.9 | emd | SW 6010B |
| ICP Digestion, Nonaqueous | | Complete | | | 08/15/2001 | 901 | | Complete | mrt | SW 3050B |
| Mercury Digestion, Non-Aq | | Complete | | | 08/14/2001 | 607 | | Complete | epk | SW 7471A |
| Prep, BNA Non-Aq | | Complete | | | 08/14/2001 | 947 | | Complete | mlr | EPA 625; SW 3540C; SW 3545 |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| Acenaphthene | | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrjw | SW 8270C |
| Acenaphthylene | | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrjw | SW 8270C |
| Anthracene | | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrjw | SW 8270C |
| Benzo(a)anthracene | | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrjw | SW 8270C |
| Benzo(b)fluoranthene | | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrjw | SW 8270C |
| Benzo(k)fluoranthene | | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrjw | SW 8270C |
| Benzo(a)pyrene | | <183 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <183 | jrjw | SW 8270C |
| Benzyl alcohol | | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrjw | SW 8270C |
| Benzyl butyl phthalate | | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrjw | SW 8270C |
| Bis(2-chloroethyl)ether | | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrjw | SW 8270C |

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08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|------------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 699297 | SBI002:GB-14:S015025:412 | | | | | | | | | DATE/TIME TAKEN 08/08/2001 15:20 |
| | Bis(2-chloroethoxy)methane | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrw | SW 8270C |
| | Bis(2-ethylhexyl)phthalate | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrw | SW 8270C |
| | 2,2'-oxybis(1-Chloropropane) | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrw | SW 8270C |
| | 4-Bromophenyl phenyl ether | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrw | SW 8270C |
| | 4-Chloroaniline | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrw | SW 8270C |
| | 2-Chloronaphthalene | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrw | SW 8270C |
| | Chrysene | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrw | SW 8270C |
| | Dibenzo(a,h)anthracene | <183 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <183 | jrw | SW 8270C |
| | Dibenzofuran | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrw | SW 8270C |
| | 1,2-Dichlorobenzene | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrw | SW 8270C |
| | 1,3-Dichlorobenzene | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrw | SW 8270C |
| | 1,4-Dichlorobenzene | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrw | SW 8270C |
| | 3,3'-Dichlorobenzidine | <733 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <733 | jrw | SW 8270C |
| | Diethyl phthalate | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrw | SW 8270C |
| | Dimethyl phthalate | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrw | SW 8270C |
| | 2,4-Dinitrotoluene | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrw | SW 8270C |
| | 2,6-Dinitrotoluene | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrw | SW 8270C |
| | Di-n-octylphthalate | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrw | SW 8270C |
| | Fluoranthene | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrw | SW 8270C |
| | Fluorene | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrw | SW 8270C |
| | Hexachlorobenzene | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrw | SW 8270C |
| | Hexachloro-1,3-butadiene | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrw | SW 8270C |
| | Hexachlorocyclopentadiene | <733 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <733 | jrw | SW 8270C |
| | Hexachloroethane | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrw | SW 8270C |
| | Indeno(1,2,3-cd)pyrene | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrw | SW 8270C |

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08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------------------------|-----------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 699297 | SBI002:GB-14:S015025:412 | | | | | | | | | DATE/TIME TAKEN 08/08/2001 15:20 |
| | Isophorone | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrjw | SW 8270C |
| | Naphthalene | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrjw | SW 8270C |
| | Nitrobenzene | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrjw | SW 8270C |
| | N-Nitrosodi-n-propylamine | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrjw | SW 8270C |
| | Phenanthrene | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrjw | SW 8270C |
| | Pyrene | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrjw | SW 8270C |
| | 1,2,4-Trichlorobenzene | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrjw | SW 8270C |
| | Surrogate: d5-Nitrobenzene | 80 | | % | 08/17/2001 | 947 | 1461 | | jrjw | SW 8270C |
| | Surrogate: 2-Fluorobiphenyl | 91 | | % | 08/17/2001 | 947 | 1461 | | jrjw | SW 8270C |
| | Surrogate: d14-Terphenyl | 132 | Note | % | 08/17/2001 | 947 | 1461 | | jrjw | SW 8270C |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | |
| | Benzoic Acid | <1,830 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <1,830 | jrjw | SW 8270C |
| | 4-Chloro-3-methylphenol | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrjw | SW 8270C |
| | 2-Chlorophenol | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrjw | SW 8270C |
| | 2,4-Dichlorophenol | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrjw | SW 8270C |
| | 2,4-Dimethylphenol | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrjw | SW 8270C |
| | 2-Methyl-4,6-dinitrophenol | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrjw | SW 8270C |
| | 2-Methylphenol | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrjw | SW 8270C |
| | meta & para-Methylphenol | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrjw | SW 8270C |
| | 2-Nitrophenol | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrjw | SW 8270C |
| | Pentachlorophenol | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrjw | SW 8270C |
| | Phenol | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrjw | SW 8270C |
| | 2,4,5-Trichlorophenol | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrjw | SW 8270C |
| | 2,4,6-Trichlorophenol | <366 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <366 | jrjw | SW 8270C |

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08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|---------------------------|--------------------------|----------|------|----------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 699297 | SBI002:GB-14:S015025:412 | | | | | | | | | DATE/TIME TAKEN 08/08/2001 15:20 |
| Surrogate: d6-Phenol | | 79 | ‡ | | 08/17/2001 | 947 | 1461 | | jrw | SW 8270C |
| Surrogate: 2-Fluorophenol | | 68 | ‡ | | 08/17/2001 | 947 | 1461 | | jrw | SW 8270C |
| Surrogate: Tribromophenol | | 82 | ‡ | | 08/17/2001 | 947 | 1461 | | jrw | SW 8270C |
| 699298 | SBI002:GB-5:S015025:412 | | | | | | | | | DATE/TIME TAKEN 08/08/2001 15:45 |
| Dry Weight | | 94.3 | ‡ | | 08/16/2001 | | 1478 | | mhg | SM 2540 G. |
| ICP NONAQUEOUS | | Complete | | | 08/16/2001 | | 1229 | Complete | emd | SW 6010B |
| Arsenic, ICP | | <3.5 | | mg/kg dw | 08/16/2001 | 901 | 2956 | <3.5 | emd | SW 6010B |
| Barium, ICP | | 18.3 | | mg/kg dw | 08/16/2001 | 901 | 2887 | <0.70 | emd | SW 6010B |
| Cadmium, ICP | | <1.1 | | mg/kg dw | 08/16/2001 | 901 | 2869 | <1.1 | emd | SW 6010B |
| Chromium, ICP | | 6.4 | | mg/kg dw | 08/16/2001 | 901 | 2857 | <1.4 | emd | SW 6010B |
| Lead, ICP | | 7.7 | | mg/kg dw | 08/16/2001 | 901 | 2858 | <2.9 | emd | SW 6010B |
| Mercury, CVAA | | 0.008 | | mg/kg dw | 08/17/2001 | 607 | 624 | <0.008 | epk | SW 7471A |
| Selenium, ICP | | <3.5 | | mg/kg dw | 08/16/2001 | 901 | 2936 | <3.5 | emd | SW 6010B |
| Silver, ICP | | <1.4 | | mg/kg dw | 08/16/2001 | 901 | 2889 | <1.4 | emd | SW 6010B |
| ICP Digestion, Nonaqueous | | Complete | | | 08/15/2001 | 901 | | Complete | mrt | SW 3050B |
| Mercury Digestion, Non-Aq | | Complete | | | 08/14/2001 | 607 | | Complete | epk | SW 7471A |
| Prep, BNA Non-Aq | | Complete | | | 08/14/2001 | 947 | | Complete | mlr | EPA 625; SW 3540C; SW 3545 |

BASE NEUT. COMPS.-8270 Non-aq

ANALYTICAL REPORT

Kevin Wildman
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6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------------------------|-------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 699298 | SBI002:GB-5:S015025:412 | | | | | | | | | DATE/TIME TAKEN 08/08/2001 15:45 |
| Acenaphthene | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Acenaphthylene | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Anthracene | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Benzo(a)anthracene | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Benzo(b)fluoranthene | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Benzo(k)fluoranthene | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Benzo(a)pyrene | | <175 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <175 | jrw | SW 8270C |
| Benzyl alcohol | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Benzyl butyl phthalate | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Bis(2-chloroethyl) ether | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Bis(2-chloroethoxy) methane | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Bis(2-ethylhexyl) phthalate | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| 4-Bromophenyl phenyl ether | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| 4-Chloroaniline | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| 2-Chloronaphthalene | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Chrysene | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Dibenzo(a,h)anthracene | | <175 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <175 | jrw | SW 8270C |
| Dibenzofuran | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| 1,2-Dichlorobenzene | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| 1,3-Dichlorobenzene | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| 1,4-Dichlorobenzene | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| 3,3'-Dichlorobenzidine | | <700 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <700 | jrw | SW 8270C |
| Diethyl phthalate | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Dimethyl phthalate | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |

ANALYTICAL REPORT

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6130 Wilcox Rd.
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08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------------------------|-------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 699298 | SBI002:GB-5:S015025:412 | | | | | | | | | DATE/TIME TAKEN 08/08/2001 15:45 |
| 2,4-Dinitrotoluene | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| 2,6-Dinitrotoluene | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Di-n-octylphthalate | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Fluoranthene | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Fluorene | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Hexachlorobenzene | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Hexachloro-1,3-butadiene | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Hexachlorocyclopentadiene | | <700 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <700 | jrw | SW 8270C |
| Hexachloroethane | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Indeno (1,2,3-cd)pyrene | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Isophorone | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Naphthalene | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Nitrobenzene | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| N-Nitrosodi-n-propylamine | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Phenanthrene | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Pyrene | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| 1,2,4-Trichlorobenzene | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Surrogate: d5-Nitrobenzene | | 69 | | % | 08/17/2001 | 947 | 1461 | | jrw | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 79 | | % | 08/17/2001 | 947 | 1461 | | jrw | SW 8270C |
| Surrogate: d14-Terphenyl | | 86 | | % | 08/17/2001 | 947 | 1461 | | jrw | SW 8270C |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | |
| Benzoic Acid | | <1,750 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <1,750 | jrw | SW 8270C |
| 4-Chloro-3-methylphenol | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| 2-Chlorophenol | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |

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Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|----------------------------|----------|------|----------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 699298 | SBI002:GB-5:S015025:412 | | | | | | | | | | 08/08/2001 15:45 |
| | 2,4-Dichlorophenol | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C | |
| | 2,4-Dimethylphenol | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C | |
| | 2-Methyl-4,6-dinitrophenol | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C | |
| | 2-Methylphenol | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C | |
| | meta & para-Methylphenol | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C | |
| | 2-Nitrophenol | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C | |
| | Pentachlorophenol | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C | |
| | Phenol | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C | |
| | 2,4,5-Trichlorophenol | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C | |
| | 2,4,6-Trichlorophenol | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C | |
| | Surrogate: d6-Phenol | 70 | | % | 08/17/2001 | 947 | 1461 | | jrw | SW 8270C | |
| | Surrogate: 2-Fluorophenol | 64 | | % | 08/17/2001 | 947 | 1461 | | jrw | SW 8270C | |
| | Surrogate: Tribromophenol | 86 | | % | 08/17/2001 | 947 | 1461 | | jrw | SW 8270C | |
| 699299 | SBI002:SB-5:S000015:412 | | | | | | | | | | 08/08/2001 11:45 |
| | Dry Weight | 98.6 | | % | 08/16/2001 | | 1478 | | mhg | SM 2540 G. | |
| | ICP NONAQUEOUS | Complete | | | 08/16/2001 | | 1229 | Complete | emd | SW 6010B | |
| | Arsenic, ICP | 57.1 | | mg/kg dw | 08/16/2001 | 901 | 2956 | <3.3 | emd | SW 6010B | |
| | Barium, ICP | 124 | | mg/kg dw | 08/16/2001 | 901 | 2887 | <0.68 | emd | SW 6010B | |
| | Cadmium, ICP | <1.0 | | mg/kg dw | 08/16/2001 | 901 | 2869 | <1.0 | emd | SW 6010B | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|--------------------------------|-------------------------|----------|------|------------|---------------|--------------|--------------|-----------------|----------------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 699299 | SBI002:SB-5:S000015:412 | | | | | | | | | | 08/08/2001 11:45 |
| Chromium, ICP | 16.2 | mg/kg dw | | 08/16/2001 | 901 | 2857 | <1.3 | emd | SW 6010B | | |
| Lead, ICP | 122 | mg/kg dw | | 08/16/2001 | 901 | 2858 | <2.7 | emd | SW 6010B | | |
| Mercury, CVAA | 0.092 | mg/kg dw | | 08/17/2001 | 607 | 624 | <0.008 | epk | SW 7471A | | |
| Selenium, ICP | <3.3 | mg/kg dw | | 08/16/2001 | 901 | 2936 | <3.3 | emd | SW 6010B | | |
| Silver, ICP | <1.3 | mg/kg dw | | 08/16/2001 | 901 | 2889 | <1.3 | emd | SW 6010B | | |
| ICP Digestion, Nonaqueous | Complete | | | 08/15/2001 | 901 | | Complete | mrt | SW 3050B | | |
| Mercury Digestion, Non-Aq | Complete | | | 08/14/2001 | 607 | | Complete | epk | SW 7471A | | |
| Prep, BNA Non-Aq | Complete | | | 08/14/2001 | 947 | | Complete | mlr | EPA 625; SW 3540C; SW 3545 | | |
| Prep, TPH 418.1 Nonaq | COMPLETE | | | 08/15/2001 | 589 | | Complete | 110 | SW 9071 | | |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | Complete | | | 08/14/2001 | | 1462 | Complete | bmh | | | |
| Acetone | <101 | ug/kg dw | | 08/14/2001 | | 1462 | <101 | bmh | SW 8260A | | |
| Benzene | <5.1 | ug/kg dw | | 08/14/2001 | | 1462 | <5.1 | bmh | SW 8260A | | |
| tert-Butylbenzene | <5.1 | ug/kg dw | | 08/14/2001 | | 1462 | <5.1 | bmh | SW 8260A | | |
| sec-Butylbenzene | <5.1 | ug/kg dw | | 08/14/2001 | | 1462 | <5.1 | bmh | SW 8260A | | |
| n-Butylbenzene | <5.1 | ug/kg dw | | 08/14/2001 | | 1462 | <5.1 | bmh | SW 8260A | | |
| Bromochloromethane | <5.1 | ug/kg dw | | 08/14/2001 | | 1462 | <5.1 | bmh | SW 8260A | | |
| Bromodichloromethane | <5.1 | ug/kg dw | | 08/14/2001 | | 1462 | <5.1 | bmh | SW 8260A | | |
| Bromoform | <5.1 | ug/kg dw | | 08/14/2001 | | 1462 | <5.1 | bmh | SW 8260A | | |
| Bromobenzene | <5.1 | ug/kg dw | | 08/14/2001 | | 1462 | <5.1 | bmh | SW 8260A | | |
| 2-Butanone (MEK) | <5.1 | ug/kg dw | | 08/14/2001 | | 1462 | <5.1 | bmh | SW 8260A | | |
| Carbon disulfide | <5.1 | ug/kg dw | | 08/14/2001 | | 1462 | <5.1 | bmh | SW 8260A | | |
| Carbon tetrachloride | <5.1 | ug/kg dw | | 08/14/2001 | | 1462 | <5.1 | bmh | SW 8260A | | |
| Chlorobenzene | <5.1 | ug/kg dw | | 08/14/2001 | | 1462 | <5.1 | bmh | SW 8260A | | |

ANALYTICAL REPORT

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08/27/2001

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| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|-------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 699299 | SBI002:SB-5:S000015:412 | | | | | | | | | DATE/TIME TAKEN 08/08/2001 11:45 |
| Chloroethane | | <10.1 | | ug/kg dw | 08/14/2001 | | 1462 | <10.1 | bmh | SW 8260A |
| 2-Chlorotoluene | | <5.1 | | ug/kg dw | 08/14/2001 | | 1462 | <5.1 | bmh | SW 8260A |
| 4-Chlorotoluene | | <5.1 | | ug/kg dw | 08/14/2001 | | 1462 | <5.1 | bmh | SW 8260A |
| Chloroform | | <5.1 | | ug/kg dw | 08/14/2001 | | 1462 | <5.1 | bmh | SW 8260A |
| Chloromethane | | <10.1 | | ug/kg dw | 08/14/2001 | | 1462 | <10.1 | bmh | SW 8260A |
| Dibromochloromethane | | <5.1 | | ug/kg dw | 08/14/2001 | | 1462 | <5.1 | bmh | SW 8260A |
| Dibromomethane | | <5.1 | | ug/kg dw | 08/14/2001 | | 1462 | <5.1 | bmh | SW 8260A |
| Dichlorodifluoromethane | | <5.1 | | ug/kg dw | 08/14/2001 | | 1462 | <5.1 | bmh | SW 8260A |
| 1,2-Dibromo-3-chloropropane | | <5.1 | | ug/kg dw | 08/14/2001 | | 1462 | <5.1 | bmh | SW 8260A |
| 1,2-Dichlorobenzene | | <5.1 | | ug/kg dw | 08/14/2001 | | 1462 | <5.1 | bmh | SW 8260A |
| 1,3-Dichlorobenzene | | <5.1 | | ug/kg dw | 08/14/2001 | | 1462 | <5.1 | bmh | SW 8260A |
| 1,4-Dichlorobenzene | | <5.1 | | ug/kg dw | 08/14/2001 | | 1462 | <5.1 | bmh | SW 8260A |
| 1,1-Dichloroethane | | <5.1 | | ug/kg dw | 08/14/2001 | | 1462 | <5.1 | bmh | SW 8260A |
| 1,2-Dichloroethane | | <5.1 | | ug/kg dw | 08/14/2001 | | 1462 | <5.1 | bmh | SW 8260A |
| 1,1-Dichloroethene | | <5.1 | | ug/kg dw | 08/14/2001 | | 1462 | <5.1 | bmh | SW 8260A |
| cis-1,2-Dichloroethene | | <5.1 | | ug/kg dw | 08/14/2001 | | 1462 | <5.1 | bmh | SW 8260A |
| trans-1,2-Dichloroethene | | <5.1 | | ug/kg dw | 08/14/2001 | | 1462 | <5.1 | bmh | SW 8260A |
| 1,2-Dichloropropane | | <5.1 | | ug/kg dw | 08/14/2001 | | 1462 | <5.1 | bmh | SW 8260A |
| 1,3-Dichloropropane | | <5.1 | | ug/kg dw | 08/14/2001 | | 1462 | <5.1 | bmh | SW 8260A |
| 2,2-Dichloropropane | | <5.1 | | ug/kg dw | 08/14/2001 | | 1462 | <5.1 | bmh | SW 8260A |
| 1,1-Dichloropropene | | <5.1 | | ug/kg dw | 08/14/2001 | | 1462 | <5.1 | bmh | SW 8260A |
| cis-1,3-Dichloropropene | | <5.1 | | ug/kg dw | 08/14/2001 | | 1462 | <5.1 | bmh | SW 8260A |
| trans-1,3-Dichloropropene | | <5.1 | | ug/kg dw | 08/14/2001 | | 1462 | <5.1 | bmh | SW 8260A |
| Ethylbenzene | | <5.1 | | ug/kg dw | 08/14/2001 | | 1462 | <5.1 | bmh | SW 8260A |
| Hexachlorobutadiene | | <5.1 | | ug/kg dw | 08/14/2001 | | 1462 | <5.1 | bmh | SW 8260A |

ANALYTICAL REPORT

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 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|-------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | | Initials | |
| 699299 | SBI002:SB-5:S000015:412 | | | | | | | | | DATE/TIME TAKEN 08/08/2001 11:45 |
| n-Hexane | | <20.3 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <20.3 | bmh | SW 8260A |
| 2-Hexanone | | <50.7 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <50.7 | bmh | SW 8260A |
| Isopropylbenzene (Cumene) | | <5.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.1 | bmh | SW 8260A |
| p-Isopropyltoluene | | <5.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.1 | bmh | SW 8260A |
| Bromomethane | | <10.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <10.1 | bmh | SW 8260A |
| Methylene Chloride | | <10.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <10.1 | bmh | SW 8260A |
| Methyl t-butyl ether (MTBE) | | <5.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.1 | bmh | SW 8260A |
| 4-Methyl-2-pentanone (MIBK) | | <50.7 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <50.7 | bmh | SW 8260A |
| n-Propylbenzene | | <5.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.1 | bmh | SW 8260A |
| Styrene | | <5.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.1 | bmh | SW 8260A |
| Naphthalene | | <5.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.1 | bmh | SW 8260A |
| 1,1,1,2-Tetrachloroethane | | <5.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.1 | bmh | SW 8260A |
| 1,1,2,2-Tetrachloroethane | | <5.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.1 | bmh | SW 8260A |
| Tetrachloroethene | | <5.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.1 | bmh | SW 8260A |
| Toluene | | <5.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.1 | bmh | SW 8260A |
| 1,2,4-Trichlorobenzene | | <5.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.1 | bmh | SW 8260A |
| 1,1,1-Trichloroethane | | <5.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.1 | bmh | SW 8260A |
| 1,1,2-Trichloroethane | | <5.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.1 | bmh | SW 8260A |
| Trichloroethene | | <5.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.1 | bmh | SW 8260A |
| Trichlorofluoromethane | | <5.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.1 | bmh | SW 8260A |
| 1,2,3-Trichloropropane | | <5.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.1 | bmh | SW 8260A |
| 1,2,4-Trimethylbenzene | | <5.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.1 | bmh | SW 8260A |
| 1,3,5-Trimethylbenzene | | <5.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.1 | bmh | SW 8260A |
| Vinyl Acetate | | <5.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.1 | bmh | SW 8260A |
| Vinyl Chloride | | <2.0 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <2.0 | bmh | SW 8260A |

ANALYTICAL REPORT

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6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|-------------------------------|-------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 699299 | SBI002:SB-5:S000015:412 | | | | | | | | | | 08/08/2001 11:45 |
| Xylenes, Total | | <5.1 | | ug/kg dw | 08/14/2001 | | 1462 | <5.1 | bmh | SW 8260A | |
| d4-1,2-Dichloroethane (surr) | | 109 | | % | 08/14/2001 | | 1462 | | bmh | SW 8260A | |
| Dibromofluoromethane (surr) | | 102 | | % | 08/14/2001 | | 1462 | | bmh | SW 8260A | |
| d8-Toluene (surr) | | 94 | | % | 08/14/2001 | | 1462 | | bmh | SW 8260A | |
| Bromofluorobenzene (surr) | | 94 | | % | 08/14/2001 | | 1462 | | bmh | SW 8260A | |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | | |
| Acenaphthene | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrw | SW 8270C | |
| Acenaphthylene | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrw | SW 8270C | |
| Anthracene | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrw | SW 8270C | |
| Benzo(a)anthracene | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrw | SW 8270C | |
| Benzo(b)fluoranthene | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrw | SW 8270C | |
| Benzo(k)fluoranthene | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrw | SW 8270C | |
| Benzo(a)pyrene | | <167 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <167 | jrw | SW 8270C | |
| Benzyl alcohol | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrw | SW 8270C | |
| Benzyl butyl phthalate | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrw | SW 8270C | |
| Bis(2-chloroethyl) ether | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrw | SW 8270C | |
| Bis(2-chloroethoxy)methane | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrw | SW 8270C | |
| Bis(2-ethylhexyl)phthalate | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrw | SW 8270C | |
| 2,2'-oxybis(1-Chloropropane) | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrw | SW 8270C | |
| 4-Bromophenyl phenyl ether | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrw | SW 8270C | |
| 4-Chloroaniline | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrw | SW 8270C | |
| 2-Chloronaphthalene | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrw | SW 8270C | |
| Chrysene | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrw | SW 8270C | |
| Dibenzo(a,h)anthracene | | <167 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <167 | jrw | SW 8270C | |

ANALYTICAL REPORT

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| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method | Reference |
|----------------------------|-------------------------|--------|------|----------|------------|-------|-------|-----------|----------|--------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | | |
| 699299 | SBI002:SB-5:S000015:412 | | | | | | | | | | DATE/TIME TAKEN 08/08/2001 11:45 |
| Dibenzofuran | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrw | SW | 8270C |
| 1,2-Dichlorobenzene | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrw | SW | 8270C |
| 1,3-Dichlorobenzene | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrw | SW | 8270C |
| 1,4-Dichlorobenzene | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrw | SW | 8270C |
| 3,3'-Dichlorobenzidine | | <669 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <669 | jrw | SW | 8270C |
| Diethyl phthalate | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrw | SW | 8270C |
| Dimethyl phthalate | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrw | SW | 8270C |
| 2,4-Dinitrotoluene | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrw | SW | 8270C |
| 2,6-Dinitrotoluene | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrw | SW | 8270C |
| Di-n-octylphthalate | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrw | SW | 8270C |
| Fluoranthene | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrw | SW | 8270C |
| Fluorene | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrw | SW | 8270C |
| Hexachlorobenzene | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrw | SW | 8270C |
| Hexachloro-1,3-butadiene | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrw | SW | 8270C |
| Hexachlorocyclopentadiene | | <669 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <669 | jrw | SW | 8270C |
| Hexachloroethane | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrw | SW | 8270C |
| Indeno(1,2,3-cd)pyrene | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrw | SW | 8270C |
| Isophorone | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrw | SW | 8270C |
| Naphthalene | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrw | SW | 8270C |
| Nitrobenzene | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrw | SW | 8270C |
| N-Nitrosodi-n-propylamine | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrw | SW | 8270C |
| Phenanthrene | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrw | SW | 8270C |
| Pyrene | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrw | SW | 8270C |
| 1,2,4-Trichlorobenzene | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrw | SW | 8270C |
| Surrogate: d5-Nitrobenzene | | 58 | | % | 08/17/2001 | 947 | 1461 | | jrw | SW | 8270C |

ANALYTICAL REPORT

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 Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|------------------------------|-------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 699299 | SBI002:SB-5:S000015:412 | | | | | | | | | | 08/08/2001 11:45 |
| Surrogate: 2-Fluorobiphenyl | | 51 | | % | 08/17/2001 | 947 | 1461 | | jrjw | SW 8270C | |
| Surrogate: d14-Terphenyl | | 65 | Note | % | 08/17/2001 | 947 | 1461 | | jrjw | SW 8270C | |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | | |
| Benzoic Acid | | <1,670 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <1,670 | jrjw | SW 8270C | |
| 4-Chloro-3-methylphenol | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrjw | SW 8270C | |
| 2-Chlorophenol | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrjw | SW 8270C | |
| 2,4-Dichlorophenol | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrjw | SW 8270C | |
| 2,4-Dimethylphenol | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrjw | SW 8270C | |
| 2-Methyl-4,6-dinitrophenol | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrjw | SW 8270C | |
| 2-Methylphenol | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrjw | SW 8270C | |
| meta & para-Methylphenol | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrjw | SW 8270C | |
| 2-Nitrophenol | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrjw | SW 8270C | |
| Pentachlorophenol | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrjw | SW 8270C | |
| Phenol | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrjw | SW 8270C | |
| 2,4,5-Trichlorophenol | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrjw | SW 8270C | |
| 2,4,6-Trichlorophenol | | <335 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <335 | jrjw | SW 8270C | |
| Surrogate: d6-Phenol | | 75 | | % | 08/17/2001 | 947 | 1461 | | jrjw | SW 8270C | |
| Surrogate: 2-Fluorophenol | | 61 | | % | 08/17/2001 | 947 | 1461 | | jrjw | SW 8270C | |
| Surrogate: Tribromophenol | | 58 | | % | 08/17/2001 | 947 | 1461 | | jrjw | SW 8270C | |
| TPH - GRO (Non-Aqueous) | | <5 | | mg/kg dw | 08/13/2001 | | 246 | <5 | meh | SW 8015M | |
| TPH - FTIR Non-aq | | <51 | | mg/kg dw | 08/16/2001 | 589 | 621 | <51 | 110 | 418.1 | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|-------------------------|----------|------|-------|------------|--------|-------|-----------|---------|-------------------------------------|
| | | | | | Analyzed | Number | Batch | Number | Limit | |
| 699300 | SBI002:GB-8:S000015:412 | | | | | | | | | DATE/TIME TAKEN 08/08/2001 10:55 |
| Dry Weight | 96.0 | % | | | 08/16/2001 | | 1478 | | mhg | SM 2540 G. |
| ICP NONAQUEOUS | Complete | | | | 08/16/2001 | | 1229 | Complete | emd | SW 6010B |
| Arsenic, ICP | <3.4 | mg/kg dw | | | 08/16/2001 | 901 | 2956 | <3.4 | emd | SW 6010B |
| Barium, ICP | 88.9 | mg/kg dw | | | 08/16/2001 | 901 | 2887 | <0.69 | emd | SW 6010B |
| Cadmium, ICP | <1.0 | mg/kg dw | | | 08/16/2001 | 901 | 2869 | <1.0 | emd | SW 6010B |
| Chromium, ICP | 6.5 | mg/kg dw | | | 08/16/2001 | 901 | 2857 | <1.4 | emd | SW 6010B |
| Lead, ICP | 28.3 | mg/kg dw | | | 08/16/2001 | 901 | 2858 | <2.8 | emd | SW 6010B |
| Mercury, CVAA | 0.024 | mg/kg dw | | | 08/17/2001 | 607 | 624 | <0.008 | epk | SW 7471A |
| Selenium, ICP | <3.4 | mg/kg dw | | | 08/16/2001 | 901 | 2936 | <3.4 | emd | SW 6010B |
| Silver, ICP | <1.4 | mg/kg dw | | | 08/16/2001 | 901 | 2889 | <1.4 | emd | SW 6010B |
| ICP Digestion, Nonaqueous | Complete | | | | 08/15/2001 | 901 | | Complete | mrt | SW 3050B |
| Mercury Digestion, Non-Aq | Complete | | | | 08/14/2001 | 607 | | Complete | epk | SW 7471A |
| Prep, BNA Non-Aq | Complete | | | | 08/14/2001 | 947 | | Complete | mlr | EPA 625; SW 3540C; SW 3545 |
| Prep, TPH 418.1 Nonaq | COMPLETE | | | | 08/15/2001 | 589 | | Complete | 110 | SW 9071 |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | Complete | | | | 08/14/2001 | | 1462 | Complete | bmh | |
| Acetone | <104 | ug/kg dw | | | 08/14/2001 | | 1462 | <104 | bmh | SW 8260A |
| Benzene | <5.2 | ug/kg dw | | | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A |
| tert-Butylbenzene | <5.2 | ug/kg dw | | | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A |
| sec-Butylbenzene | <5.2 | ug/kg dw | | | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A |
| n-Butylbenzene | <5.2 | ug/kg dw | | | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A |
| Bromochloromethane | <5.2 | ug/kg dw | | | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A |
| Bromodichloromethane | <5.2 | ug/kg dw | | | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A |
| Bromoform | <5.2 | ug/kg dw | | | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A |

ANALYTICAL REPORT

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08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|-----------------------------|-------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 699300 | SBI002:GB-8:S000015:412 | | | | | | | | | | 08/08/2001 10:55 |
| Bromobenzene | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A | |
| 2-Butanone (MEK) | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A | |
| Carbon disulfide | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A | |
| Carbon tetrachloride | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A | |
| Chlorobenzene | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A | |
| Chloroethane | | <10.4 | | ug/kg dw | 08/14/2001 | 1462 | | <10.4 | bmh | SW 8260A | |
| 2-Chlorotoluene | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A | |
| 4-Chlorotoluene | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A | |
| Chloroform | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A | |
| Chloromethane | | <10.4 | | ug/kg dw | 08/14/2001 | 1462 | | <10.4 | bmh | SW 8260A | |
| Dibromochloromethane | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A | |
| Dibromomethane | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A | |
| Dichlorodifluoromethane | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A | |
| 1,2-Dibromo-3-chloropropane | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A | |
| 1,2-Dichlorobenzene | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A | |
| 1,3-Dichlorobenzene | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A | |
| 1,4-Dichlorobenzene | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A | |
| 1,1-Dichloroethane | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A | |
| 1,2-Dichloroethane | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A | |
| 1,1-Dichloroethene | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A | |
| cis-1,2-Dichloroethene | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A | |
| trans-1,2-Dichloroethene | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A | |
| 1,2-Dichloropropane | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A | |
| 1,3-Dichloropropane | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A | |
| 2,2-Dichloropropane | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|-----------------------------|-------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 699300 | SBI002:GB-8:S000015:412 | | | | | | | | | | 08/08/2001 10:55 |
| 1,1-Dichloropropene | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A | |
| cis-1,3-Dichloropropene | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A | |
| trans-1,3-Dichloropropene | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A | |
| Ethylbenzene | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A | |
| Hexachlorobutadiene | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A | |
| n-Hexane | | <20.8 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <20.8 | bmh | SW 8260A | |
| 2-Hexanone | | <52.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <52.1 | bmh | SW 8260A | |
| Isopropylbenzene (Cumene) | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A | |
| p-Isopropyltoluene | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A | |
| Bromomethane | | <10.4 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <10.4 | bmh | SW 8260A | |
| Methylene Chloride | | <10.4 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <10.4 | bmh | SW 8260A | |
| Methyl t-butyl ether (MTBE) | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A | |
| 4-Methyl-2-pentanone (MIBK) | | <52.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <52.1 | bmh | SW 8260A | |
| n-Propylbenzene | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A | |
| Styrene | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A | |
| Naphthalene | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A | |
| 1,1,1,2-Tetrachloroethane | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A | |
| 1,1,2,2-Tetrachloroethane | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A | |
| Tetrachloroethene | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A | |
| Toluene | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A | |
| 1,2,4-Trichlorobenzene | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A | |
| 1,1,1-Trichloroethane | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A | |
| 1,1,2-Trichloroethane | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A | |
| Trichloroethene | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A | |
| Trichlorofluoromethane | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
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6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|-------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | | Initials | |
| 699300 | SBI002:GB-8:S000015:412 | | | | | | | Limit | | DATE/TIME TAKEN 08/08/2001 10:55 |
| 1,2,3-Trichloropropane | | <5.2 | | ug/kg dw | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A |
| 1,2,4-Trimethylbenzene | | <5.2 | | ug/kg dw | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A |
| 1,3,5-Trimethylbenzene | | <5.2 | | ug/kg dw | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A |
| Vinyl Acetate | | <5.2 | | ug/kg dw | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A |
| Vinyl Chloride | | <2.1 | | ug/kg dw | 08/14/2001 | | 1462 | <2.1 | bmh | SW 8260A |
| Xylenes, Total | | <5.2 | | ug/kg dw | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A |
| d4-1,2-Dichloroethane (surr) | | 106 | | % | 08/14/2001 | | 1462 | | bmh | SW 8260A |
| Dibromofluoromethane (surr) | | 100 | | % | 08/14/2001 | | 1462 | | bmh | SW 8260A |
| d8-Toluene (surr) | | 93 | | % | 08/14/2001 | | 1462 | | bmh | SW 8260A |
| Bromofluorobenzene (surr) | | 95 | | % | 08/14/2001 | | 1462 | | bmh | SW 8260A |
| BASE NEUT. COMPS. -8270 Non-aq | | | | | | | | | | |
| Acenaphthene | | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrjw | SW 8270C |
| Acenaphthylene | | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrjw | SW 8270C |
| Anthracene | | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrjw | SW 8270C |
| Benzo(a)anthracene | | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrjw | SW 8270C |
| Benzo(b)fluoranthene | | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrjw | SW 8270C |
| Benzo(k)fluoranthene | | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrjw | SW 8270C |
| Benzo(a)pyrene | | <172 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <172 | jrjw | SW 8270C |
| Benzyl alcohol | | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrjw | SW 8270C |
| Benzyl butyl phthalate | | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrjw | SW 8270C |
| Bis(2-chloroethyl)ether | | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrjw | SW 8270C |
| Bis(2-chloroethoxy)methane | | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrjw | SW 8270C |
| Bis(2-ethylhexyl)phthalate | | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrjw | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrjw | SW 8270C |

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08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|----------------------------|-------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 699300 | SBI002:GB-8:S000015:412 | | | | | | | | | | 08/08/2001 10:55 |
| 4-Bromophenyl phenyl ether | | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrjw | SW 8270C | |
| 4-Chloroaniline | | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrjw | SW 8270C | |
| 2-Chloronaphthalene | | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrjw | SW 8270C | |
| Chrysene | | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrjw | SW 8270C | |
| Dibenzo(a,h)anthracene | | <172 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <172 | jrjw | SW 8270C | |
| Dibenzofuran | | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrjw | SW 8270C | |
| 1,2-Dichlorobenzene | | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrjw | SW 8270C | |
| 1,3-Dichlorobenzene | | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrjw | SW 8270C | |
| 1,4-Dichlorobenzene | | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrjw | SW 8270C | |
| 3,3'-Dichlorobenzidine | | <688 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <688 | jrjw | SW 8270C | |
| Diethyl phthalate | | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrjw | SW 8270C | |
| Dimethyl phthalate | | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrjw | SW 8270C | |
| 2,4-Dinitrotoluene | | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrjw | SW 8270C | |
| 2,6-Dinitrotoluene | | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrjw | SW 8270C | |
| Di-n-octylphthalate | | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrjw | SW 8270C | |
| Fluoranthene | | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrjw | SW 8270C | |
| Fluorene | | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrjw | SW 8270C | |
| Hexachlorobenzene | | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrjw | SW 8270C | |
| Hexachloro-1,3-butadiene | | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrjw | SW 8270C | |
| Hexachlorocyclopentadiene | | <688 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <688 | jrjw | SW 8270C | |
| Hexachloroethane | | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrjw | SW 8270C | |
| Indeno(1,2,3-cd)pyrene | | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrjw | SW 8270C | |
| Isophorone | | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrjw | SW 8270C | |
| Naphthalene | | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrjw | SW 8270C | |
| Nitrobenzene | | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrjw | SW 8270C | |

ANALYTICAL REPORT

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08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------------------------|-----------------------------|--------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | 08/08/2001 10:55 |
| | | | | | 08/17/2001 | 947 | 1461 | <344 | jrw | SW 8270C | |
| | N-Nitrosodi-n-propylamine | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrw | SW 8270C | |
| | Phenanthrene | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrw | SW 8270C | |
| | Pyrene | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrw | SW 8270C | |
| | 1,2,4-Trichlorobenzene | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrw | SW 8270C | |
| | Surrogate: d5-Nitrobenzene | 73 | | % | 08/17/2001 | 947 | 1461 | | jrw | SW 8270C | |
| | Surrogate: 2-Fluorobiphenyl | 92 | | % | 08/17/2001 | 947 | 1461 | | jrw | SW 8270C | |
| | Surrogate: d14-Terphenyl | 133 | Note | % | 08/17/2001 | 947 | 1461 | | jrw | SW 8270C | |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | | |
| | Benzoic Acid | <1,720 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <1,720 | jrw | SW 8270C | |
| | 4-Chloro-3-methylphenol | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrw | SW 8270C | |
| | 2-Chlorophenol | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrw | SW 8270C | |
| | 2,4-Dichlorophenol | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrw | SW 8270C | |
| | 2,4-Dimethylphenol | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrw | SW 8270C | |
| | 2-Methyl-4,6-dinitrophenol | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrw | SW 8270C | |
| | 2-Methylphenol | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrw | SW 8270C | |
| | meta & para-Methylphenol | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrw | SW 8270C | |
| | 2-Nitrophenol | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrw | SW 8270C | |
| | Pentachlorophenol | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrw | SW 8270C | |
| | Phenol | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrw | SW 8270C | |
| | 2,4,5-Trichlorophenol | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrw | SW 8270C | |
| | 2,4,6-Trichlorophenol | <344 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <344 | jrw | SW 8270C | |
| | Surrogate: d6-Phenol | 82 | | % | 08/17/2001 | 947 | 1461 | | jrw | SW 8270C | |
| | Surrogate: 2-Fluorophenol | 74 | | % | 08/17/2001 | 947 | 1461 | | jrw | SW 8270C | |
| | Surrogate: Tribromophenol | 73 | | % | 08/17/2001 | 947 | 1461 | | jrw | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference |
|-------------------------------|----------|----------|---------------------------|-------------------|------------------|------------------------|------------------|----------------------------|
| SAMPLE NO. | | | SAMPLE DESCRIPTION | | | DATE/TIME TAKEN | | |
| 699300 | | | SBI002:GB-8:S000015:412 | | | 08/08/2001 10:55 | | |
| TPH - FTIR Non-aq | <52 | mg/kg dw | 08/16/2001 | 589 | 621 | <52 | 110 | 418.1 |
| SAMPLE NO. | | | SAMPLE DESCRIPTION | | | DATE/TIME TAKEN | | |
| 699301 | | | SBI002:GB-13:S010020:412 | | | 08/08/2001 10:30 | | |
| Dry Weight | 94.6 | † | 08/16/2001 | | 1478 | | mhg | SM 2540 G. |
| ICP NONAQUEOUS | Complete | | 08/16/2001 | | 1229 | Complete | emd | SW 6010B |
| Arsenic, ICP | <6.8 | mg/kg dw | 08/16/2001 | 901 | 2956 | <6.8 | emd | SW 6010B |
| Barium, ICP | 110 | mg/kg dw | 08/16/2001 | 901 | 2887 | <1.4 | emd | SW 6010B |
| Cadmium, ICP | <2.0 | mg/kg dw | 08/16/2001 | 901 | 2869 | <2.0 | emd | SW 6010B |
| Chromium, ICP | 12.5 | mg/kg dw | 08/16/2001 | 901 | 2857 | <2.7 | emd | SW 6010B |
| Lead, ICP | 201 | mg/kg dw | 08/16/2001 | 901 | 2858 | <5.5 | emd | SW 6010B |
| Mercury, CVAA | 1.25 | mg/kg dw | 08/17/2001 | 607 | 624 | <0.040 | epk | SW 7471A |
| Selenium, ICP | <6.8 | mg/kg dw | 08/16/2001 | 901 | 2936 | <6.8 | emd | SW 6010B |
| Silver, ICP | <2.7 | mg/kg dw | 08/16/2001 | 901 | 2889 | <2.7 | emd | SW 6010B |
| ICP Digestion, Nonaqueous | Complete | | 08/15/2001 | 901 | | Complete | mrt | SW 3050B |
| Mercury Digestion, Non-Aq | Complete | | 08/14/2001 | 607 | | Complete | epk | SW 7471A |
| Prep, BNA Non-Aq | Complete | | 08/14/2001 | 947 | | Complete | mlr | EPA 625; SW 3540C; SW 3545 |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | |
| Acenaphthene | <349 | ug/kg dw | 08/17/2001 | 947 | 1461 | <349 | jrj | SW 8270C |
| Acenaphthylene | <349 | ug/kg dw | 08/17/2001 | 947 | 1461 | <349 | jrj | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
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6130 Wilcox Rd.
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08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|-------------------------------|--------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 699301 | SBI002:GB-13:S010020:412 | | | | | | | | | DATE/TIME TAKEN 08/08/2001 10:30 |
| Anthracene | | <349 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <349 | jrw | SW 8270C |
| Benzo (a) anthracene | | 712 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <349 | jrw | SW 8270C |
| Benzo (b) fluoranthene | | 1,130 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <349 | jrw | SW 8270C |
| Benzo (k) fluoranthene | | 378 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <349 | jrw | SW 8270C |
| Benzo (a) pyrene | | 668 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <174 | jrw | SW 8270C |
| Benzyl alcohol | | <349 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <349 | jrw | SW 8270C |
| Benzyl butyl phthalate | | <349 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <349 | jrw | SW 8270C |
| Bis (2-chloroethyl) ether | | <349 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <349 | jrw | SW 8270C |
| Bis (2-chloroethoxy) methane | | <349 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <349 | jrw | SW 8270C |
| Bis (2-ethylhexyl) phthalate | | <349 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <349 | jrw | SW 8270C |
| 2,2'-oxybis (1-Chloropropane) | | <349 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <349 | jrw | SW 8270C |
| 4-Bromophenyl phenyl ether | | <349 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <349 | jrw | SW 8270C |
| 4-Chloroaniline | | <349 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <349 | jrw | SW 8270C |
| 2-Chloronaphthalene | | <349 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <349 | jrw | SW 8270C |
| Chrysene | | 712 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <349 | jrw | SW 8270C |
| Dibenzo (a, h) anthracene | | <174 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <174 | jrw | SW 8270C |
| Dibenzofuran | | <349 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <349 | jrw | SW 8270C |
| 1,2-Dichlorobenzene | | <349 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <349 | jrw | SW 8270C |
| 1,3-Dichlorobenzene | | <349 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <349 | jrw | SW 8270C |
| 1,4-Dichlorobenzene | | <349 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <349 | jrw | SW 8270C |
| 3,3'-Dichlorobenzidine | | <698 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <698 | jrw | SW 8270C |
| Diethyl phthalate | | <349 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <349 | jrw | SW 8270C |
| Dimethyl phthalate | | <349 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <349 | jrw | SW 8270C |
| 2,4-Dinitrotoluene | | <349 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <349 | jrw | SW 8270C |
| 2,6-Dinitrotoluene | | <349 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <349 | jrw | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
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6130 Wilcox Rd.
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08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------------------------|--------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 699301 | SBI002:GB-13:S010020:412 | | | | | | | | | DATE/TIME TAKEN 08/08/2001 10:30 |
| Di-n-octylphthalate | | <349 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <349 | jrjw | SW 8270C |
| Fluoranthene | | 1,300 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <349 | jrjw | SW 8270C |
| Fluorene | | <349 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <349 | jrjw | SW 8270C |
| Hexachlorobenzene | | <349 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <349 | jrjw | SW 8270C |
| Hexachloro-1,3-butadiene | | <349 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <349 | jrjw | SW 8270C |
| Hexachlorocyclopentadiene | | <698 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <698 | jrjw | SW 8270C |
| Hexachloroethane | | <349 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <349 | jrjw | SW 8270C |
| Indeno(1,2,3-cd)pyrene | | <349 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <349 | jrjw | SW 8270C |
| Isophorone | | <349 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <349 | jrjw | SW 8270C |
| Naphthalene | | <349 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <349 | jrjw | SW 8270C |
| Nitrobenzene | | <349 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <349 | jrjw | SW 8270C |
| N-Nitrosodi-n-propylamine | | <349 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <349 | jrjw | SW 8270C |
| Phenanthrene | | 1,450 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <349 | jrjw | SW 8270C |
| Pyrene | | 1,990 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <349 | jrjw | SW 8270C |
| 1,2,4-Trichlorobenzene | | <349 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <349 | jrjw | SW 8270C |
| Surrogate: d5-Nitrobenzene | | 66 | | % | 08/17/2001 | 947 | 1461 | | jrjw | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 80 | | % | 08/17/2001 | 947 | 1461 | | jrjw | SW 8270C |
| Surrogate: d14-Terphenyl | | 114 | Note | % | 08/17/2001 | 947 | 1461 | | jrjw | SW 8270C |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | |
| Benzoic Acid | | <1,740 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <1,740 | jrjw | SW 8270C |
| 4-Chloro-3-methylphenol | | <349 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <349 | jrjw | SW 8270C |
| 2-Chlorophenol | | <349 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <349 | jrjw | SW 8270C |
| 2,4-Dichlorophenol | | <349 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <349 | jrjw | SW 8270C |
| 2,4-Dimethylphenol | | <349 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <349 | jrjw | SW 8270C |

ANALYTICAL REPORT

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 6130 Wilcox Rd.
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08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|----------------------------|--------------------------|----------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 699301 | SBI002:GB-13:S010020:412 | | | | | | | | | DATE/TIME TAKEN 08/08/2001 10:30 |
| 2-Methyl-4,6-dinitrophenol | <349 | ug/kg dw | | | 08/17/2001 | 947 | 1461 | <349 | jrw | SW 8270C |
| 2-Methylphenol | <349 | ug/kg dw | | | 08/17/2001 | 947 | 1461 | <349 | jrw | SW 8270C |
| meta & para-Methylphenol | <349 | ug/kg dw | | | 08/17/2001 | 947 | 1461 | <349 | jrw | SW 8270C |
| 2-Nitrophenol | <349 | ug/kg dw | | | 08/17/2001 | 947 | 1461 | <349 | jrw | SW 8270C |
| Pentachlorophenol | <349 | ug/kg dw | | | 08/17/2001 | 947 | 1461 | <349 | jrw | SW 8270C |
| Phenol | <349 | ug/kg dw | | | 08/17/2001 | 947 | 1461 | <349 | jrw | SW 8270C |
| 2,4,5-Trichlorophenol | <349 | ug/kg dw | | | 08/17/2001 | 947 | 1461 | <349 | jrw | SW 8270C |
| 2,4,6-Trichlorophenol | <349 | ug/kg dw | | | 08/17/2001 | 947 | 1461 | <349 | jrw | SW 8270C |
| Surrogate: d6-Phenol | 70 | % | | | 08/17/2001 | 947 | 1461 | | jrw | SW 8270C |
| Surrogate: 2-Fluorophenol | 56 | % | | | 08/17/2001 | 947 | 1461 | | jrw | SW 8270C |
| Surrogate: Tribromophenol | 67 | % | | | 08/17/2001 | 947 | 1461 | | jrw | SW 8270C |

| SAMPLE NO. | SAMPLE DESCRIPTION | | | | | | | | | DATE/TIME TAKEN |
|----------------|-------------------------|----------|--|--|------------|-----|------|----------|-----|------------------|
| 699302 | SBI002:GB-3:S005020:412 | | | | | | | | | 08/08/2001 09:55 |
| Dry Weight | 86.8 | % | | | 08/16/2001 | | 1478 | | mhg | SM 2540 G. |
| ICP NONAQUEOUS | Complete | | | | 08/16/2001 | | 1229 | Complete | emd | SW 6010B |
| Arsenic, ICP | 13.5 | mg/kg dw | | | 08/16/2001 | 901 | 2956 | <7.6 | emd | SW 6010B |
| Barium, ICP | 342 | mg/kg dw | | | 08/16/2001 | 901 | 2887 | <1.5 | emd | SW 6010B |
| Cadmium, ICP | <2.3 | mg/kg dw | | | 08/16/2001 | 901 | 2869 | <2.3 | emd | SW 6010B |
| Chromium, ICP | 32.3 | mg/kg dw | | | 08/16/2001 | 901 | 2857 | <3.0 | emd | SW 6010B |
| Lead, ICP | 306 | mg/kg dw | | | 08/16/2001 | 901 | 2858 | <6.1 | emd | SW 6010B |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-------------------------------|-------------------------|--------|-------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 699302 | SBI002:GB-3:S005020:412 | | | | | | | | | DATE/TIME TAKEN 08/08/2001 09:55 |
| Mercury, CVAA | 0.576 | MS | mg/kg | dw | 08/17/2001 | 607 | 624 | <0.037 | epk | SW 7471A |
| Selenium, ICP | <7.6 | | mg/kg | dw | 08/16/2001 | 901 | 2936 | <7.6 | emd | SW 6010B |
| Silver, ICP | <3.0 | | mg/kg | dw | 08/16/2001 | 901 | 2889 | <3.0 | emd | SW 6010B |
| ICP Digestion, Nonaqueous | Complete | | | | 08/15/2001 | 901 | | Complete | mrt | SW 3050B |
| Mercury Digestion, Non-Aq | Complete | | | | 08/14/2001 | 607 | | Complete | epk | SW 7471A |
| Prep, BNA Non-Aq | Complete | | | | 08/14/2001 | 947 | | Complete | mlr | EPA 625; SW 3540C; SW 3545 |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| Acenaphthene | <380 | | ug/kg | dw | 08/17/2001 | 947 | 1461 | <380 | jrj | SW 8270C |
| Acenaphthylene | 419 | | ug/kg | dw | 08/17/2001 | 947 | 1461 | <380 | jrj | SW 8270C |
| Anthracene | <380 | | ug/kg | dw | 08/17/2001 | 947 | 1461 | <380 | jrj | SW 8270C |
| Benzo(a)anthracene | 666 | | ug/kg | dw | 08/17/2001 | 947 | 1461 | <380 | jrj | SW 8270C |
| Benzo(b)fluoranthene | 1,430 | | ug/kg | dw | 08/17/2001 | 947 | 1461 | <380 | jrj | SW 8270C |
| Benzo(k)fluoranthene | 434 | | ug/kg | dw | 08/17/2001 | 947 | 1461 | <380 | jrj | SW 8270C |
| Benzo(a)pyrene | 710 | | ug/kg | dw | 08/17/2001 | 947 | 1461 | <190 | jrj | SW 8270C |
| Benzyl alcohol | <380 | | ug/kg | dw | 08/17/2001 | 947 | 1461 | <380 | jrj | SW 8270C |
| Benzyl butyl phthalate | <380 | | ug/kg | dw | 08/17/2001 | 947 | 1461 | <380 | jrj | SW 8270C |
| Bis(2-chloroethyl) ether | <380 | | ug/kg | dw | 08/17/2001 | 947 | 1461 | <380 | jrj | SW 8270C |
| Bis(2-chloroethoxy)methane | <380 | | ug/kg | dw | 08/17/2001 | 947 | 1461 | <380 | jrj | SW 8270C |
| Bis(2-ethylhexyl)phthalate | <380 | | ug/kg | dw | 08/17/2001 | 947 | 1461 | <380 | jrj | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | <380 | | ug/kg | dw | 08/17/2001 | 947 | 1461 | <380 | jrj | SW 8270C |
| 4-Bromophenyl phenyl ether | <380 | | ug/kg | dw | 08/17/2001 | 947 | 1461 | <380 | jrj | SW 8270C |
| 4-Chloroaniline | <380 | | ug/kg | dw | 08/17/2001 | 947 | 1461 | <380 | jrj | SW 8270C |
| 2-Chloronaphthalene | <380 | | ug/kg | dw | 08/17/2001 | 947 | 1461 | <380 | jrj | SW 8270C |
| Chrysene | 755 | | ug/kg | dw | 08/17/2001 | 947 | 1461 | <380 | jrj | SW 8270C |

ANALYTICAL REPORT

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HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|---------------------------|-------------------------|----------|------------|-------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 699302 | SBI002:GB-3:S005020:412 | | | | | | | | | DATE/TIME TAKEN 08/08/2001 09:55 |
| Dibenzo(a,h)anthracene | <190 | ug/kg dw | 08/17/2001 | 947 | 1461 | <190 | jrw | SW 8270C | | |
| Dibenzofuran | <380 | ug/kg dw | 08/17/2001 | 947 | 1461 | <380 | jrw | SW 8270C | | |
| 1,2-Dichlorobenzene | <380 | ug/kg dw | 08/17/2001 | 947 | 1461 | <380 | jrw | SW 8270C | | |
| 1,3-Dichlorobenzene | <380 | ug/kg dw | 08/17/2001 | 947 | 1461 | <380 | jrw | SW 8270C | | |
| 1,4-Dichlorobenzene | <380 | ug/kg dw | 08/17/2001 | 947 | 1461 | <380 | jrw | SW 8270C | | |
| 3,3'-Dichlorobenzidine | <760 | ug/kg dw | 08/17/2001 | 947 | 1461 | <760 | jrw | SW 8270C | | |
| Diethyl phthalate | <380 | ug/kg dw | 08/17/2001 | 947 | 1461 | <380 | jrw | SW 8270C | | |
| Dimethyl phthalate | <380 | ug/kg dw | 08/17/2001 | 947 | 1461 | <380 | jrw | SW 8270C | | |
| 2,4-Dinitrotoluene | <380 | ug/kg dw | 08/17/2001 | 947 | 1461 | <380 | jrw | SW 8270C | | |
| 2,6-Dinitrotoluene | <380 | ug/kg dw | 08/17/2001 | 947 | 1461 | <380 | jrw | SW 8270C | | |
| Di-n-octylphthalate | <380 | ug/kg dw | 08/17/2001 | 947 | 1461 | <380 | jrw | SW 8270C | | |
| Fluoranthene | 810 | ug/kg dw | 08/17/2001 | 947 | 1461 | <380 | jrw | SW 8270C | | |
| Fluorene | <380 | ug/kg dw | 08/17/2001 | 947 | 1461 | <380 | jrw | SW 8270C | | |
| Hexachlorobenzene | <380 | ug/kg dw | 08/17/2001 | 947 | 1461 | <380 | jrw | SW 8270C | | |
| Hexachloro-1,3-butadiene | <380 | ug/kg dw | 08/17/2001 | 947 | 1461 | <380 | jrw | SW 8270C | | |
| Hexachlorocyclopentadiene | <760 | ug/kg dw | 08/17/2001 | 947 | 1461 | <760 | jrw | SW 8270C | | |
| Hexachloroethane | <380 | ug/kg dw | 08/17/2001 | 947 | 1461 | <380 | jrw | SW 8270C | | |
| Indeno(1,2,3-cd)pyrene | <380 | ug/kg dw | 08/17/2001 | 947 | 1461 | <380 | jrw | SW 8270C | | |
| Isophorone | <380 | ug/kg dw | 08/17/2001 | 947 | 1461 | <380 | jrw | SW 8270C | | |
| Naphthalene | <380 | ug/kg dw | 08/17/2001 | 947 | 1461 | <380 | jrw | SW 8270C | | |
| Nitrobenzene | <380 | ug/kg dw | 08/17/2001 | 947 | 1461 | <380 | jrw | SW 8270C | | |
| N-Nitrosodi-n-propylamine | <380 | ug/kg dw | 08/17/2001 | 947 | 1461 | <380 | jrw | SW 8270C | | |
| Phenanthrene | 657 | ug/kg dw | 08/17/2001 | 947 | 1461 | <380 | jrw | SW 8270C | | |
| Pyrene | 1,640 | ug/kg dw | 08/17/2001 | 947 | 1461 | <380 | jrw | SW 8270C | | |
| 1,2,4-Trichlorobenzene | <380 | ug/kg dw | 08/17/2001 | 947 | 1461 | <380 | jrw | SW 8270C | | |

ANALYTICAL REPORT

Kevin Wildman
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 6130 Wilcox Rd.
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08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------------------------|-------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 699302 | SBI002:GB-3:S005020:412 | | | | | | | | | | 08/08/2001 09:55 |
| Surrogate: d5-Nitrobenzene | | 73 | | ‡ | 08/17/2001 | 947 | 1461 | | jrjw | SW 8270C | |
| Surrogate: 2-Fluorobiphenyl | | 83 | | ‡ | 08/17/2001 | 947 | 1461 | | jrjw | SW 8270C | |
| Surrogate: d14-Terphenyl | | 124 | Note | ‡ | 08/17/2001 | 947 | 1461 | | jrjw | SW 8270C | |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | | |
| Benzoic Acid | | <1,900 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <1,900 | jrjw | SW 8270C | |
| 4-Chloro-3-methylphenol | | <380 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <380 | jrjw | SW 8270C | |
| 2-Chlorophenol | | <380 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <380 | jrjw | SW 8270C | |
| 2,4-Dichlorophenol | | <380 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <380 | jrjw | SW 8270C | |
| 2,4-Dimethylphenol | | <380 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <380 | jrjw | SW 8270C | |
| 2-Methyl-4,6-dinitrophenol | | <380 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <380 | jrjw | SW 8270C | |
| 2-Methylphenol | | <380 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <380 | jrjw | SW 8270C | |
| meta & para-Methylphenol | | <380 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <380 | jrjw | SW 8270C | |
| 2-Nitrophenol | | <380 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <380 | jrjw | SW 8270C | |
| Pentachlorophenol | | <380 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <380 | jrjw | SW 8270C | |
| Phenol | | <380 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <380 | jrjw | SW 8270C | |
| 2,4,5-Trichlorophenol | | <380 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <380 | jrjw | SW 8270C | |
| 2,4,6-Trichlorophenol | | <380 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <380 | jrjw | SW 8270C | |
| Surrogate: d6-Phenol | | 61 | | ‡ | 08/17/2001 | 947 | 1461 | | jrjw | SW 8270C | |
| Surrogate: 2-Fluorophenol | | 44 | | ‡ | 08/17/2001 | 947 | 1461 | | jrjw | SW 8270C | |
| Surrogate: Tribromophenol | | 51 | | ‡ | 08/17/2001 | 947 | 1461 | | jrjw | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|-------------------------------|--------------------|---------------------------|------|----------------|---------------|-------------------|------------------|-----------------|------------------|----------------------------|------------------|
| | | | | | | | | | | | 08/08/2001 09:55 |
| | | Dry Weight | | % | 08/17/2001 | | 1479 | | mhg | SM 2540 G. | |
| | | ICP NONAQUEOUS | | Complete | 08/16/2001 | | 1229 | Complete | emd | SW 6010B | |
| | | Arsenic, ICP | | 8.3 mg/kg dw | 08/16/2001 | 901 | 2956 | <3.8 | emd | SW 6010B | |
| | | Barium, ICP | | 159 mg/kg dw | 08/16/2001 | 901 | 2887 | <0.77 | emd | SW 6010B | |
| | | Cadmium, ICP | | <1.1 mg/kg dw | 08/16/2001 | 901 | 2869 | <1.1 | emd | SW 6010B | |
| | | Chromium, ICP | | 11 mg/kg dw | 08/16/2001 | 901 | 2857 | <1.5 | emd | SW 6010B | |
| | | Lead, ICP | | 102 mg/kg dw | 08/16/2001 | 901 | 2858 | <3.1 | emd | SW 6010B | |
| | | Mercury, CVAA | | 0.396 mg/kg dw | 08/17/2001 | 607 | 624 | <0.009 | epk | SW 7471A | |
| | | Selenium, ICP | | <3.8 mg/kg dw | 08/16/2001 | 901 | 2936 | <3.8 | emd | SW 6010B | |
| | | Silver, ICP | | <1.5 mg/kg dw | 08/16/2001 | 901 | 2889 | <1.5 | emd | SW 6010B | |
| | | ICP Digestion, Nonaqueous | | n | 08/15/2001 | 901 | | Complete | mrt | SW 3050B | |
| | | Mercury Digestion, Non-Aq | | Complete | 08/14/2001 | 607 | | Complete | epk | SW 7471A | |
| | | Prep, BNA Non-Aq | | Complete | 08/14/2001 | 947 | | Complete | mlr | EPA 625; SW 3540C; SW 3545 | |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | | |
| | | Acenaphthene | | <378 ug/kg dw | 08/17/2001 | 947 | 1461 | <378 | jrjw | SW 8270C | |
| | | Acenaphthylene | | <378 ug/kg dw | 08/17/2001 | 947 | 1461 | <378 | jrjw | SW 8270C | |
| | | Anthracene | | <378 ug/kg dw | 08/17/2001 | 947 | 1461 | <378 | jrjw | SW 8270C | |
| | | Benzo(a)anthracene | | <378 ug/kg dw | 08/17/2001 | 947 | 1461 | <378 | jrjw | SW 8270C | |
| | | Benzo(b)fluoranthene | | 532 ug/kg dw | 08/17/2001 | 947 | 1461 | <378 | jrjw | SW 8270C | |
| | | Benzo(k)fluoranthene | | <378 ug/kg dw | 08/17/2001 | 947 | 1461 | <378 | jrjw | SW 8270C | |
| | | Benzo(a)pyrene | | 282 ug/kg dw | 08/17/2001 | 947 | 1461 | <189 | jrjw | SW 8270C | |
| | | Benzyl alcohol | | <378 ug/kg dw | 08/17/2001 | 947 | 1461 | <378 | jrjw | SW 8270C | |
| | | Benzyl butyl phthalate | | <378 ug/kg dw | 08/17/2001 | 947 | 1461 | <378 | jrjw | SW 8270C | |
| | | Bis(2-chloroethyl)ether | | <378 ug/kg dw | 08/17/2001 | 947 | 1461 | <378 | jrjw | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------------------------|--------------------------|--------|------|------------|----------|-------|-------|-----------|---------|------------------|
| | | | | | Analyzed | Batch | Batch | | Limit | |
| 699303 | SBI002:GB-3D:S005020:412 | | | | | | | | | |
| | | | | | | | | | | DATE/TIME TAKEN |
| | | | | | | | | | | 08/08/2001 09:55 |
| Bis(2-chloroethoxy)methane | <378 | ug/kg | dw | 08/17/2001 | 947 | 1461 | <378 | jrw | SW | 8270C |
| Bis(2-ethylhexyl)phthalate | <378 | ug/kg | dw | 08/17/2001 | 947 | 1461 | <378 | jrw | SW | 8270C |
| 2,2'-oxybis(1-Chloropropane) | <378 | ug/kg | dw | 08/17/2001 | 947 | 1461 | <378 | jrw | SW | 8270C |
| 4-Bromophenyl phenyl ether | <378 | ug/kg | dw | 08/17/2001 | 947 | 1461 | <378 | jrw | SW | 8270C |
| 4-Chloroaniline | <378 | ug/kg | dw | 08/17/2001 | 947 | 1461 | <378 | jrw | SW | 8270C |
| 2-Chloronaphthalene | <378 | ug/kg | dw | 08/17/2001 | 947 | 1461 | <378 | jrw | SW | 8270C |
| Chrysene | <378 | ug/kg | dw | 08/17/2001 | 947 | 1461 | <378 | jrw | SW | 8270C |
| Dibenzo(a,h)anthracene | <189 | ug/kg | dw | 08/17/2001 | 947 | 1461 | <189 | jrw | SW | 8270C |
| Dibenzofuran | <378 | ug/kg | dw | 08/17/2001 | 947 | 1461 | <378 | jrw | SW | 8270C |
| 1,2-Dichlorobenzene | <378 | ug/kg | dw | 08/17/2001 | 947 | 1461 | <378 | jrw | SW | 8270C |
| 1,3-Dichlorobenzene | <378 | ug/kg | dw | 08/17/2001 | 947 | 1461 | <378 | jrw | SW | 8270C |
| 1,4-Dichlorobenzene | <378 | ug/kg | dw | 08/17/2001 | 947 | 1461 | <378 | jrw | SW | 8270C |
| 3,3'-Dichlorobenzidine | <757 | ug/kg | dw | 08/17/2001 | 947 | 1461 | <757 | jrw | SW | 8270C |
| Diethyl phthalate | <378 | ug/kg | dw | 08/17/2001 | 947 | 1461 | <378 | jrw | SW | 8270C |
| Dimethyl phthalate | <378 | ug/kg | dw | 08/17/2001 | 947 | 1461 | <378 | jrw | SW | 8270C |
| 2,4-Dinitrotoluene | <378 | ug/kg | dw | 08/17/2001 | 947 | 1461 | <378 | jrw | SW | 8270C |
| 2,6-Dinitrotoluene | <378 | ug/kg | dw | 08/17/2001 | 947 | 1461 | <378 | jrw | SW | 8270C |
| Di-n-octylphthalate | <378 | ug/kg | dw | 08/17/2001 | 947 | 1461 | <378 | jrw | SW | 8270C |
| Fluoranthene | <378 | ug/kg | dw | 08/17/2001 | 947 | 1461 | <378 | jrw | SW | 8270C |
| Fluorene | <378 | ug/kg | dw | 08/17/2001 | 947 | 1461 | <378 | jrw | SW | 8270C |
| Hexachlorobenzene | <378 | ug/kg | dw | 08/17/2001 | 947 | 1461 | <378 | jrw | SW | 8270C |
| Hexachloro-1,3-butadiene | <378 | ug/kg | dw | 08/17/2001 | 947 | 1461 | <378 | jrw | SW | 8270C |
| Hexachlorocyclopentadiene | <757 | ug/kg | dw | 08/17/2001 | 947 | 1461 | <757 | jrw | SW | 8270C |
| Hexachloroethane | <378 | ug/kg | dw | 08/17/2001 | 947 | 1461 | <378 | jrw | SW | 8270C |
| Indeno(1,2,3-cd)pyrene | <378 | ug/kg | dw | 08/17/2001 | 947 | 1461 | <378 | jrw | SW | 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------------------------|--------------------------|--------|------|----------|------------|-------|-------|-----------|----------|------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| | | | | | | | | | | DATE/TIME TAKEN |
| 699303 | SBI002:GB-3D:S005020:412 | | | | | | | | | 08/08/2001 09:55 |
| Isophorone | | <378 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <378 | jrw | SW 8270C |
| Naphthalene | | <378 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <378 | jrw | SW 8270C |
| Nitrobenzene | | <378 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <378 | jrw | SW 8270C |
| N-Nitrosodi-n-propylamine | | <378 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <378 | jrw | SW 8270C |
| Phenanthrene | | <378 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <378 | jrw | SW 8270C |
| Pyrene | | 596 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <378 | jrw | SW 8270C |
| 1,2,4-Trichlorobenzene | | <378 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <378 | jrw | SW 8270C |
| Surrogate: d5-Nitrobenzene | | 73 | | % | 08/17/2001 | 947 | 1461 | | jrw | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 76 | | % | 08/17/2001 | 947 | 1461 | | jrw | SW 8270C |
| Surrogate: d14-Terphenyl | | 116 | | % | 08/17/2001 | 947 | 1461 | | jrw | SW 8270C |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | |
| Benzoic Acid | | <1,890 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <1,890 | jrw | SW 8270C |
| 4-Chloro-3-methylphenol | | <378 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <378 | jrw | SW 8270C |
| 2-Chlorophenol | | <378 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <378 | jrw | SW 8270C |
| 2,4-Dichlorophenol | | <378 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <378 | jrw | SW 8270C |
| 2,4-Dimethylphenol | | <378 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <378 | jrw | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | | <378 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <378 | jrw | SW 8270C |
| 2-Methylphenol | | <378 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <378 | jrw | SW 8270C |
| meta & para-Methylphenol | | <378 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <378 | jrw | SW 8270C |
| 2-Nitrophenol | | <378 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <378 | jrw | SW 8270C |
| Pentachlorophenol | | <378 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <378 | jrw | SW 8270C |
| Phenol | | <378 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <378 | jrw | SW 8270C |
| 2,4,5-Trichlorophenol | | <378 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <378 | jrw | SW 8270C |
| 2,4,6-Trichlorophenol | | <378 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <378 | jrw | SW 8270C |

ANALYTICAL REPORT

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6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|---------------------------|--------------------------|----------|------|----------|---------------|-------------------|------------------|-----------------|------------------|----------------------------|------------------|
| | | | | | | | | | | | |
| 699303 | SBI002:GB-3D:S005020:412 | | | | | | | | | | 08/08/2001 09:55 |
| Surrogate: d6-Phenol | | 57 | | % | 08/17/2001 | 947 | 1461 | | jrj | SW 8270C | |
| Surrogate: 2-Fluorophenol | | 38 | | % | 08/17/2001 | 947 | 1461 | | jrj | SW 8270C | |
| Surrogate: Tribromophenol | | 37 | Note | % | 08/17/2001 | 947 | 1461 | | jrj | SW 8270C | |
| 699304 | SBI002:GB-32:S000015:412 | | | | | | | | | | 08/08/2001 09:15 |
| Dry Weight | | 95.4 | | % | 08/17/2001 | | 1479 | | mhg | SM 2540 G. | |
| ICP NONAQUEOUS | | Complete | | | 08/17/2001 | | 1231 | Complete | mhr | SW 6010B | |
| Arsenic, ICP | | <14 | | mg/kg dw | 08/17/2001 | 901 | 2958 | <14 | mhr | SW 6010B | |
| Barium, ICP | | 59.0 | | mg/kg dw | 08/17/2001 | 901 | 2889 | <2.7 | mhr | SW 6010B | |
| Cadmium, ICP | | <4.2 | | mg/kg dw | 08/17/2001 | 901 | 2871 | <4.2 | mhr | SW 6010B | |
| Chromium, ICP | | 6.5 | | mg/kg dw | 08/17/2001 | 901 | 2859 | <5.6 | mhr | SW 6010B | |
| Lead, ICP | | 23 | | mg/kg dw | 08/17/2001 | 901 | 2860 | <12 | mhr | SW 6010B | |
| Mercury, CVAA | | 0.014 | | mg/kg dw | 08/17/2001 | 607 | 624 | <0.008 | epk | SW 7471A | |
| Selenium, ICP | | <14 | | mg/kg dw | 08/17/2001 | 901 | 2938 | <14 | mhr | SW 6010B | |
| Silver, ICP | | <5.6 | | mg/kg dw | 08/17/2001 | 901 | 2891 | <5.6 | mhr | SW 6010B | |
| ICP Digestion, Nonaqueous | | Complete | | | 08/15/2001 | 901 | | Complete | mrt | SW 3050B | |
| Mercury Digestion, Non-Aq | | Complete | | | 08/14/2001 | 607 | | Complete | epk | SW 7471A | |
| Prep, BNA Non-Aq | | Complete | | | 08/14/2001 | 947 | | Complete | mlr | EPA 625; SW 3540C; SW 3545 | |

BASE NEUT. COMPS.-8270 Non-aq

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------------------------|--------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 699304 | SBI002:GB-32:S000015:412 | | | | | | | | | DATE/TIME TAKEN 08/08/2001 09:15 |
| Acenaphthene | | 1,950 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrjw | SW 8270C |
| Acenaphthylene | | 780 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrjw | SW 8270C |
| Anthracene | | 4,830 | | ug/kg dw | 08/18/2001 | 947 | 1462 | <3,460 | jcs | SW 8270C |
| Benzo(a)anthracene | | 1,960 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrjw | SW 8270C |
| Benzo(b)fluoranthene | | 4,110 | | ug/kg dw | 08/18/2001 | 947 | 1462 | <3,460 | jcs | SW 8270C |
| Benzo(k)fluoranthene | | 866 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrjw | SW 8270C |
| Benzo(a)pyrene | | 1,570 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <173 | jrjw | SW 8270C |
| Benzyl alcohol | | <346 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrjw | SW 8270C |
| Benzyl butyl phthalate | | <346 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrjw | SW 8270C |
| Bis(2-chloroethyl)ether | | <346 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrjw | SW 8270C |
| Bis(2-chloroethoxy)methane | | <346 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrjw | SW 8270C |
| Bis(2-ethylhexyl)phthalate | | <346 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrjw | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <346 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrjw | SW 8270C |
| 4-Bromophenyl phenyl ether | | <346 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrjw | SW 8270C |
| 4-Chloroaniline | | <346 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrjw | SW 8270C |
| 2-Chloronaphthalene | | <346 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrjw | SW 8270C |
| Chrysene | | 2,340 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrjw | SW 8270C |
| Dibenzo(a,h)anthracene | | <173 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <173 | jrjw | SW 8270C |
| Dibenzofuran | | 1,170 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrjw | SW 8270C |
| 1,2-Dichlorobenzene | | <346 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrjw | SW 8270C |
| 1,3-Dichlorobenzene | | <346 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrjw | SW 8270C |
| 1,4-Dichlorobenzene | | <346 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrjw | SW 8270C |
| 3,3'-Dichlorobenzidine | | <692 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <692 | jrjw | SW 8270C |
| Diethyl phthalate | | <346 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrjw | SW 8270C |
| Dimethyl phthalate | | <346 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrjw | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
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6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------------------------|--------------------|--------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | 08/08/2001 09:15 |
| 2,4-Dinitrotoluene | | <346 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrjw | SW 8270C | |
| 2,6-Dinitrotoluene | | <346 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrjw | SW 8270C | |
| Di-n-octylphthalate | | <346 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrjw | SW 8270C | |
| Fluoranthene | | 8,610 | | ug/kg dw | 08/18/2001 | 947 | 1462 | <3,460 | jcs | SW 8270C | |
| Fluorene | | 2,250 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrjw | SW 8270C | |
| Hexachlorobenzene | | <346 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrjw | SW 8270C | |
| Hexachloro-1,3-butadiene | | <346 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrjw | SW 8270C | |
| Hexachlorocyclopentadiene | | <692 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <692 | jrjw | SW 8270C | |
| Hexachloroethane | | <346 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrjw | SW 8270C | |
| Indeno(1,2,3-cd)pyrene | | <346 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrjw | SW 8270C | |
| Isophorone | | <346 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrjw | SW 8270C | |
| Naphthalene | | 2,710 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrjw | SW 8270C | |
| Nitrobenzene | | <346 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrjw | SW 8270C | |
| N-Nitrosodi-n-propylamine | | <346 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrjw | SW 8270C | |
| Phenanthrene | | 12,600 | | ug/kg dw | 08/18/2001 | 947 | 1462 | <3,460 | jcs | SW 8270C | |
| Pyrene | | 11,300 | | ug/kg dw | 08/18/2001 | 947 | 1462 | <3,460 | jcs | SW 8270C | |
| 1,2,4-Trichlorobenzene | | <346 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrjw | SW 8270C | |
| Surrogate: d5-Nitrobenzene | | 91 | note | % | 08/18/2001 | 947 | 1462 | | jcs | SW 8270C | |
| Surrogate: 2-Fluorobiphenyl | | 124 | | % | 08/18/2001 | 947 | 1462 | | jcs | SW 8270C | |
| Surrogate: d14-Terphenyl | | 204 | | % | 08/18/2001 | 947 | 1462 | | jcs | SW 8270C | |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | | |
| Benzoic Acid | | <1,730 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <1,730 | jrjw | SW 8270C | |
| 4-Chloro-3-methylphenol | | <346 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrjw | SW 8270C | |
| 2-Chlorophenol | | <346 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrjw | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
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08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|----------------------------|--------------------------|--------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | |
| 699304 | SBI002:GB-32:S000015:412 | | | | | | | | | | 08/08/2001 09:15 |
| 2,4-Dichlorophenol | | <346 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrw | SW 8270C | |
| 2,4-Dimethylphenol | | <346 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrw | SW 8270C | |
| 2-Methyl-4,6-dinitrophenol | | <346 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrw | SW 8270C | |
| 2-Methylphenol | | <346 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrw | SW 8270C | |
| meta & para-Methylphenol | | <346 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrw | SW 8270C | |
| 2-Nitrophenol | | <346 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrw | SW 8270C | |
| Pentachlorophenol | | <346 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrw | SW 8270C | |
| Phenol | | <346 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrw | SW 8270C | |
| 2,4,5-Trichlorophenol | | <346 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrw | SW 8270C | |
| 2,4,6-Trichlorophenol | | <346 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <346 | jrw | SW 8270C | |
| Surrogate: d6-Phenol | | 67 | | % | 08/17/2001 | 947 | 1461 | | jrw | SW 8270C | |
| Surrogate: 2-Fluorophenol | | 39 | | % | 08/17/2001 | 947 | 1461 | | jrw | SW 8270C | |
| Surrogate: Tribromophenol | | 11 | Note | % | 08/17/2001 | 947 | 1461 | | jrw | SW 8270C | |

| SAMPLE NO. | SAMPLE DESCRIPTION | DATE/TIME TAKEN |
|----------------|--------------------------|---------------------------|
| 699305 | SBI002:GB-19:S000010:412 | 08/08/2001 08:05 |
| Dry Weight | 88.5 % | 08/17/2001 1479 |
| ICP NONAQUEOUS | Complete | 08/16/2001 1229 Complete |
| Arsenic, ICP | 34 mg/kg dw | 08/16/2001 901 2956 <3.6 |
| Barium, ICP | 456 mg/kg dw | 08/16/2001 901 2887 <0.71 |
| Cadmium, ICP | 2.0 mg/kg dw | 08/16/2001 901 2869 <1.1 |
| | | mhg SW 2540 G. |
| | | emd SW 6010B |
| | | emd SW 6010B |
| | | emd SW 6010B |
| | | emd SW 6010B |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Analyst | Initials | Method Reference |
|-------------------------------|--------------------------|----------|------|----------|---------------|--------------|--------------|-------------------|----------|----------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 699305 | SBI002:GB-19:S000010:412 | | | | | | | | | |
| Chromium, ICP | | 22.4 | | mg/kg dw | 08/16/2001 | 901 | 2857 | <1.5 | emd | SW 6010B |
| Lead, ICP | | 429 | | mg/kg dw | 08/16/2001 | 901 | 2858 | <2.8 | emd | SW 6010B |
| Mercury, CVAA | | 0.588 | | mg/kg dw | 08/17/2001 | 607 | 624 | <0.036 | epk | SW 7471A |
| Selenium, ICP | | <3.6 | | mg/kg dw | 08/16/2001 | 901 | 2936 | <3.6 | emd | SW 6010B |
| Silver, ICP | | <1.5 | | mg/kg dw | 08/16/2001 | 901 | 2889 | <1.5 | emd | SW 6010B |
| ICP Digestion, Nonaqueous | | Complete | | | 08/15/2001 | 901 | | Complete | mrt | SW 3050B |
| Mercury Digestion, Non-Aq | | Complete | | | 08/14/2001 | 607 | | Complete | epk | SW 7471A |
| Prep, BNA Non-Aq | | Complete | | | 08/14/2001 | 947 | | Complete | mlr | EPA 625; SW 3540C; SW 3545 |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| Acenaphthene | | <373 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <373 | jrjw | SW 8270C |
| Acenaphthylene | | <373 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <373 | jrjw | SW 8270C |
| Anthracene | | <373 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <373 | jrjw | SW 8270C |
| Benzo(a)anthracene | | <373 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <373 | jrjw | SW 8270C |
| Benzo(b)fluoranthene | | 993 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <373 | jrjw | SW 8270C |
| Benzo(k)fluoranthene | | <373 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <373 | jrjw | SW 8270C |
| Benzo(a)pyrene | | 313 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <186 | jrjw | SW 8270C |
| Benzyl alcohol | | <373 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <373 | jrjw | SW 8270C |
| Benzyl butyl phthalate | | <373 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <373 | jrjw | SW 8270C |
| Bis(2-chloroethyl) ether | | <373 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <373 | jrjw | SW 8270C |
| Bis(2-chloroethoxy)methane | | <373 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <373 | jrjw | SW 8270C |
| Bis(2-ethylhexyl)phthalate | | <373 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <373 | jrjw | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <373 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <373 | jrjw | SW 8270C |
| 4-Bromophenyl phenyl ether | | <373 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <373 | jrjw | SW 8270C |
| 4-Chloroaniline | | <373 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <373 | jrjw | SW 8270C |

ANALYTICAL REPORT

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6130 Wilcox Rd.
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08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|------------|---------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 699305 | SBI002:GB-19:S000010:412 | | | | | | | | | | 08/08/2001 08:05 |
| | 2-Chloronaphthalene | <373 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <373 | jrw | SW 8270C | |
| | Chrysene | 527 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <373 | jrw | SW 8270C | |
| | Dibenzo(a,h)anthracene | <186 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <186 | jrw | SW 8270C | |
| | Dibenzofuran | <373 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <373 | jrw | SW 8270C | |
| | 1,2-Dichlorobenzene | <373 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <373 | jrw | SW 8270C | |
| | 1,3-Dichlorobenzene | <373 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <373 | jrw | SW 8270C | |
| | 1,4-Dichlorobenzene | <373 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <373 | jrw | SW 8270C | |
| | 3,3'-Dichlorobenzidine | <746 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <746 | jrw | SW 8270C | |
| | Diethyl phthalate | <373 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <373 | jrw | SW 8270C | |
| | Dimethyl phthalate | <373 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <373 | jrw | SW 8270C | |
| | 2,4-Dinitrotoluene | <373 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <373 | jrw | SW 8270C | |
| | 2,6-Dinitrotoluene | <373 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <373 | jrw | SW 8270C | |
| | Di-n-octylphthalate | <373 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <373 | jrw | SW 8270C | |
| | Fluoranthene | 722 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <373 | jrw | SW 8270C | |
| | Fluorene | <373 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <373 | jrw | SW 8270C | |
| | Hexachlorobenzene | <373 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <373 | jrw | SW 8270C | |
| | Hexachloro-1,3-butadiene | <373 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <373 | jrw | SW 8270C | |
| | Hexachlorocyclopentadiene | <746 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <746 | jrw | SW 8270C | |
| | Hexachloroethane | <373 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <373 | jrw | SW 8270C | |
| | Indeno(1,2,3-cd)pyrene | <373 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <373 | jrw | SW 8270C | |
| | Isophorone | <373 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <373 | jrw | SW 8270C | |
| | Naphthalene | <373 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <373 | jrw | SW 8270C | |
| | Nitrobenzene | <373 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <373 | jrw | SW 8270C | |
| | N-Nitrosodi-n-propylamine | <373 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <373 | jrw | SW 8270C | |
| | Phenanthrene | 421 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <373 | jrw | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
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6130 Wilcox Rd.
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08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-------------------------------|-------------------------|----------|------|------------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 699306 | SBI002:GB-1:S000010:412 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 08:05 |
| Dry Weight | 94.2 | % | | 08/17/2001 | 1479 | | | mhg | | SM 2540 G. |
| ICP NONAQUEOUS | Complete | | | 08/17/2001 | 1232 | Complete | | emd | | SW 6010B |
| Arsenic, ICP | <10 | mg/kg dw | | 08/17/2001 | 903 | 2960 | <10 | emd | | SW 6010B |
| Barium, ICP | 300 | mg/kg dw | | 08/17/2001 | 903 | 2891 | <2.1 | emd | | SW 6010B |
| Cadmium, ICP | <3.2 | mg/kg dw | | 08/17/2001 | 903 | 2873 | <3.2 | emd | | SW 6010B |
| Chromium, ICP | 8.8 | mg/kg dw | | 08/17/2001 | 903 | 2861 | <4.1 | emd | | SW 6010B |
| Lead, ICP | 114 | mg/kg dw | | 08/17/2001 | 903 | 2862 | <8.4 | emd | | SW 6010B |
| Mercury, CVAA | <0.008 | mg/kg dw | | 08/17/2001 | 607 | 624 | <0.008 | epk | | SW 7471A |
| Selenium, ICP | <10 | mg/kg dw | | 08/17/2001 | 903 | 2940 | <10 | emd | | SW 6010B |
| Silver, ICP | <4.1 | mg/kg dw | | 08/17/2001 | 903 | 2893 | <4.1 | emd | | SW 6010B |
| ICP Digestion, Nonaqueous | Complete | | | 08/15/2001 | 903 | | Complete | mrt | | SW 3050B |
| Mercury Digestion, Non-Aq | Complete | | | 08/14/2001 | 607 | | Complete | epk | | SW 7471A |
| Prep, BNA Non-Aq | Complete | | | 08/14/2001 | 947 | | Complete | mlr | | EPA 625; SW 3540C; SW 3545 |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| Acenaphthene | 357 | ug/kg dw | | 08/17/2001 | 947 | 1461 | <350 | jrjw | | SW 8270C |
| Acenaphthylene | <350 | ug/kg dw | | 08/17/2001 | 947 | 1461 | <350 | jrjw | | SW 8270C |
| Anthracene | 1,230 | ug/kg dw | | 08/17/2001 | 947 | 1461 | <350 | jrjw | | SW 8270C |
| Benzo(a)anthracene | 1,200 | ug/kg dw | | 08/17/2001 | 947 | 1461 | <350 | jrjw | | SW 8270C |
| Benzo(b)fluoranthene | 2,860 | ug/kg dw | | 08/17/2001 | 947 | 1461 | <350 | jrjw | | SW 8270C |
| Benzo(k)fluoranthene | 916 | ug/kg dw | | 08/17/2001 | 947 | 1461 | <350 | jrjw | | SW 8270C |
| Benzo(a)pyrene | 1,170 | ug/kg dw | | 08/17/2001 | 947 | 1461 | <175 | jrjw | | SW 8270C |
| Benzyl alcohol | <350 | ug/kg dw | | 08/17/2001 | 947 | 1461 | <350 | jrjw | | SW 8270C |
| Benzyl butyl phthalate | <350 | ug/kg dw | | 08/17/2001 | 947 | 1461 | <350 | jrjw | | SW 8270C |
| Bis(2-chloroethyl) ether | <350 | ug/kg dw | | 08/17/2001 | 947 | 1461 | <350 | jrjw | | SW 8270C |

ANALYTICAL REPORT

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 6130 Wilcox Rd.
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08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------------------------|-------------------------|----------|------|-------|---------------|--------------|--------------|-----------------|----------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 699306 | SBI002:GB-1:S000010:412 | | | | | | | | | |
| | | | | | | | | | | DATE/TIME TAKEN |
| | | | | | | | | | | 08/09/2001 08:05 |
| Bis(2-chloroethoxy)methane | <350 | ug/kg dw | | | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Bis(2-ethylhexyl)phthalate | <350 | ug/kg dw | | | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | <350 | ug/kg dw | | | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| 4-Bromophenyl phenyl ether | <350 | ug/kg dw | | | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| 4-Chloroaniline | <350 | ug/kg dw | | | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| 2-Chloronaphthalene | <350 | ug/kg dw | | | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Chrysene | 1,650 | ug/kg dw | | | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Dibenzo(a,h)anthracene | <175 | ug/kg dw | | | 08/17/2001 | 947 | 1461 | <175 | jrw | SW 8270C |
| Dibenzofuran | <350 | ug/kg dw | | | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| 1,2-Dichlorobenzene | <350 | ug/kg dw | | | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| 1,3-Dichlorobenzene | <350 | ug/kg dw | | | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| 1,4-Dichlorobenzene | <350 | ug/kg dw | | | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| 3,3'-Dichlorobenzidine | <701 | ug/kg dw | | | 08/17/2001 | 947 | 1461 | <701 | jrw | SW 8270C |
| Diethyl phthalate | <350 | ug/kg dw | | | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Dimethyl phthalate | <350 | ug/kg dw | | | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| 2,4-Dinitrotoluene | <350 | ug/kg dw | | | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| 2,6-Dinitrotoluene | <350 | ug/kg dw | | | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Di-n-octylphthalate | <350 | ug/kg dw | | | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Fluoranthene | 2,700 | ug/kg dw | | | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Fluorene | 455 | ug/kg dw | | | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Hexachlorobenzene | <350 | ug/kg dw | | | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Hexachloro-1,3-butadiene | <350 | ug/kg dw | | | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Hexachlorocyclopentadiene | <701 | ug/kg dw | | | 08/17/2001 | 947 | 1461 | <701 | jrw | SW 8270C |
| Hexachloroethane | <350 | ug/kg dw | | | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Indeno(1,2,3-cd)pyrene | <350 | ug/kg dw | | | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
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6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------------------------|-------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 699306 | SBI002:GB-1:S000010:412 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 08:05 |
| Isophorone | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Naphthalene | | 480 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Nitrobenzene | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| N-Nitrosodi-n-propylamine | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Phenanthrene | | 4,690 | | ug/kg dw | 08/18/2001 | 947 | 1462 | <3,500 | jcs | SW 8270C |
| Pyrene | | 4,530 | | ug/kg dw | 08/18/2001 | 947 | 1462 | <3,500 | jcs | SW 8270C |
| 1,2,4-Trichlorobenzene | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Surrogate: d5-Nitrobenzene | | 76 | | % | 08/17/2001 | 947 | 1461 | | jrw | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 89 | | % | 08/17/2001 | 947 | 1461 | | jrw | SW 8270C |
| Surrogate: d14-Terphenyl | | 158 | Note | % | 08/17/2001 | 947 | 1461 | | jrw | SW 8270C |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | |
| Benzoic Acid | | <1,750 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <1,750 | jrw | SW 8270C |
| 4-Chloro-3-methylphenol | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| 2-Chlorophenol | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| 2,4-Dichlorophenol | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| 2,4-Dimethylphenol | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| 2-Methylphenol | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| meta & para-Methylphenol | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| 2-Nitrophenol | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Pentachlorophenol | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Phenol | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| 2,4,5-Trichlorophenol | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| 2,4,6-Trichlorophenol | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|---------------------------|--------------------------|----------|------|----------|---------------|-------------------|------------------|-----------------|------------------|----------------------------|------------------|
| | | | | | | | | | | | |
| 699306 | SBI002:GB-1:S000010:412 | | | | | | | | | | 08/09/2001 08:05 |
| Surrogate: d6-Phenol | | 78 | | % | 08/17/2001 | 947 | 1461 | | jrjw | SW 8270C | |
| Surrogate: 2-Fluorophenol | | 68 | | % | 08/17/2001 | 947 | 1461 | | jrjw | SW 8270C | |
| Surrogate: Tribromophenol | | 83 | | % | 08/17/2001 | 947 | 1461 | | jrjw | SW 8270C | |
| 699307 | SBI002:GB-1D:S000010:412 | | | | | | | | | | 08/09/2001 08:05 |
| Dry Weight | | 94.2 | | % | 08/17/2001 | | 1479 | | mhg | SM 2540 G. | |
| ICP NONAQUEOUS | | Complete | | | 08/17/2001 | | 1232 | Complete | emd | SW 6010B | |
| Arsenic, ICP | | <11 | | mg/kg dw | 08/17/2001 | 903 | 2960 | <11 | emd | SW 6010B | |
| Barium, ICP | | 311 | | mg/kg dw | 08/17/2001 | 903 | 2891 | <2.1 | emd | SW 6010B | |
| Cadmium, ICP | | <3.2 | | mg/kg dw | 08/17/2001 | 903 | 2873 | <3.2 | emd | SW 6010B | |
| Chromium, ICP | | 10 | | mg/kg dw | 08/17/2001 | 903 | 2861 | <4.2 | emd | SW 6010B | |
| Lead, ICP | | 125 | | mg/kg dw | 08/17/2001 | 903 | 2862 | <8.4 | emd | SW 6010B | |
| Mercury, CVAA | | 0.053 | | mg/kg dw | 08/17/2001 | 607 | 624 | <0.008 | epk | SW 7471A | |
| Selenium, ICP | | <11 | | mg/kg dw | 08/17/2001 | 903 | 2940 | <11 | emd | SW 6010B | |
| Silver, ICP | | <4.2 | | mg/kg dw | 08/17/2001 | 903 | 2893 | <4.2 | emd | SW 6010B | |
| ICP Digestion, Nonaqueous | | Complete | | | 08/15/2001 | 903 | | Complete | mrt | SW 3050B | |
| Mercury Digestion, Non-Aq | | Complete | | | 08/14/2001 | 607 | | Complete | epk | SW 7471A | |
| Prep, BNA Non-Aq | | Complete | | | 08/14/2001 | 947 | | Complete | mlr | EPA 625; SW 3540C; SW 3545 | |

BASE NEUT. COMPS.-8270 Non-aq

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|-------------------------------|--------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 699307 | SBI002:GB-1D:S000010:412 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 08:05 |
| Acenaphthene | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrjw | SW 8270C |
| Acenaphthylene | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrjw | SW 8270C |
| Anthracene | | 783 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrjw | SW 8270C |
| Benzo (a) anthracene | | 934 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrjw | SW 8270C |
| Benzo (b) fluoranthene | | 2,090 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrjw | SW 8270C |
| Benzo (k) fluoranthene | | 744 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrjw | SW 8270C |
| Benzo (a) pyrene | | 299 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <175 | jrjw | SW 8270C |
| Benzyl alcohol | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrjw | SW 8270C |
| Benzyl butyl phthalate | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrjw | SW 8270C |
| Bis (2-chloroethyl) ether | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrjw | SW 8270C |
| Bis (2-chloroethoxy) methane | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrjw | SW 8270C |
| Bis (2-ethylhexyl) phthalate | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrjw | SW 8270C |
| 2,2'-oxybis (1-Chloropropane) | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrjw | SW 8270C |
| 4-Bromophenyl phenyl ether | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrjw | SW 8270C |
| 4-Chloroaniline | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrjw | SW 8270C |
| 2-Chloronaphthalene | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrjw | SW 8270C |
| Chrysene | | 1,320 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrjw | SW 8270C |
| Dibenzo (a, h) anthracene | | <175 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <175 | jrjw | SW 8270C |
| Dibenzofuran | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrjw | SW 8270C |
| 1,2-Dichlorobenzene | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrjw | SW 8270C |
| 1,3-Dichlorobenzene | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrjw | SW 8270C |
| 1,4-Dichlorobenzene | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrjw | SW 8270C |
| 3,3'-Dichlorobenzidine | | <701 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <701 | jrjw | SW 8270C |
| Diethyl phthalate | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrjw | SW 8270C |
| Dimethyl phthalate | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrjw | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------------------------|--------------------------|--------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | |
| 699307 | SBI002:GB-1D:S000010:412 | | | | | | | | | | 08/09/2001 08:05 |
| 2,4-Dinitrotoluene | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrj | SW 8270C | |
| 2,6-Dinitrotoluene | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrj | SW 8270C | |
| Di-n-octylphthalate | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrj | SW 8270C | |
| Fluoranthene | | 2,170 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrj | SW 8270C | |
| Fluorene | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrj | SW 8270C | |
| Hexachlorobenzene | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrj | SW 8270C | |
| Hexachloro-1,3-butadiene | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrj | SW 8270C | |
| Hexachlorocyclopentadiene | | <701 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <701 | jrj | SW 8270C | |
| Hexachloroethane | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrj | SW 8270C | |
| Indeno(1,2,3-cd)pyrene | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrj | SW 8270C | |
| Isophorone | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrj | SW 8270C | |
| Naphthalene | | 518 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrj | SW 8270C | |
| Nitrobenzene | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrj | SW 8270C | |
| N-Nitrosodi-n-propylamine | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrj | SW 8270C | |
| Phenanthrene | | 2,530 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrj | SW 8270C | |
| Pyrene | | 3,150 | | ug/kg dw | 08/18/2001 | 947 | 1462 | <1,750 | jcs | SW 8270C | |
| 1,2,4-Trichlorobenzene | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrj | SW 8270C | |
| Surrogate: d5-Nitrobenzene | | 81 | | % | 08/17/2001 | 947 | 1461 | | jrj | SW 8270C | |
| Surrogate: 2-Fluorobiphenyl | | 82 | | % | 08/17/2001 | 947 | 1461 | | jrj | SW 8270C | |
| Surrogate: d14-Terphenyl | | 124 | Note | % | 08/17/2001 | 947 | 1461 | | jrj | SW 8270C | |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | | |
| Benzoic Acid | | <1,750 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <1,750 | jrj | SW 8270C | |
| 4-Chloro-3-methylphenol | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrj | SW 8270C | |
| 2-Chlorophenol | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrj | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
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6130 Wilcox Rd.
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08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting | Analyst | Method Reference |
|----------------------------|--------------------------|----------|------|----------|---------------|--------------|--------------|-----------|---------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 699307 | SBI002:GB-1D:S000010:412 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 08:05 |
| 2,4-Dichlorophenol | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| 2,4-Dimethylphenol | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| 2-Methylphenol | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| meta & para-Methylphenol | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| 2-Nitrophenol | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Pentachlorophenol | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Phenol | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| 2,4,5-Trichlorophenol | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| 2,4,6-Trichlorophenol | | <350 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <350 | jrw | SW 8270C |
| Surrogate: d6-Phenol | | 84 | | % | 08/17/2001 | 947 | 1461 | | jrw | SW 8270C |
| Surrogate: 2-Fluorophenol | | 76 | | % | 08/17/2001 | 947 | 1461 | | jrw | SW 8270C |
| Surrogate: Tribromophenol | | 81 | | % | 08/17/2001 | 947 | 1461 | | jrw | SW 8270C |
| 699308 | SBI002:GB-2:S010015:412 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 08:45 |
| Dry Weight | | 88.0 | | % | 08/17/2001 | | 1479 | | mhg | SM 2540 G. |
| ICP NONAQUEOUS | | Complete | | | 08/17/2001 | | 1232 | Complete | emd | SW 6010B |
| Arsenic, ICP | | <3.6 | | mg/kg dw | 08/17/2001 | 903 | 2960 | <3.6 | emd | SW 6010B |
| Barium, ICP | | 191 | | mg/kg dw | 08/17/2001 | 903 | 2891 | <0.73 | emd | SW 6010B |
| Cadmium, ICP | | <1.1 | | mg/kg dw | 08/17/2001 | 903 | 2873 | <1.1 | emd | SW 6010B |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-------------------------------|-------------------------|----------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 699308 | SBI002:GB-2:S010015:412 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 08:45 |
| Chromium, ICP | | 9.3 | | mg/kg dw | 08/17/2001 | 903 | 2861 | <1.5 | emd | SW 6010B |
| Lead, ICP | | 62.5 | | mg/kg dw | 08/17/2001 | 903 | 2862 | <3.0 | emd | SW 6010B |
| Mercury, CVAA | | 0.278 | | mg/kg dw | 08/17/2001 | 607 | 624 | <0.009 | epk | SW 7471A |
| Selenium, ICP | | <3.6 | | mg/kg dw | 08/17/2001 | 903 | 2940 | <3.6 | emd | SW 6010B |
| Silver, ICP | | <1.5 | | mg/kg dw | 08/17/2001 | 903 | 2893 | <1.5 | emd | SW 6010B |
| ICP Digestion, Nonaqueous | | Complete | | | 08/15/2001 | 903 | | Complete | mrt | SW 3050B |
| Mercury Digestion, Non-Aq | | Complete | | | 08/14/2001 | 607 | | Complete | epk | SW 7471A |
| Prep, BNA Non-Aq | | Complete | | | 08/14/2001 | 947 | | Complete | mlr | EPA 625; SW 3540C; SW 3545 |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| Acenaphthene | | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| Acenaphthylene | | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| Anthracene | | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| Benzo(a)anthracene | | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| Benzo(b)fluoranthene | | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| Benzo(k)fluoranthene | | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| Benzo(a)pyrene | | 195 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <188 | dmg | SW 8270C |
| Benzyl alcohol | | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| Benzyl butyl phthalate | | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| Bis(2-chloroethyl)ether | | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| Bis(2-chloroethoxy)methane | | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| Bis(2-ethylhexyl)phthalate | | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| 4-Bromophenyl phenyl ether | | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| 4-Chloroaniline | | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|---------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 699308 | SBI002:GB-2:S010015:412 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 08:45 |
| | 2-Chloronaphthalene | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| | Chrysene | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| | Dibenzo (a, h) anthracene | <188 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <188 | dmg | SW 8270C |
| | Dibenzofuran | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| | 1,2-Dichlorobenzene | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| | 1,3-Dichlorobenzene | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| | 1,4-Dichlorobenzene | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| | 3,3'-Dichlorobenzidine | <750 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <750 | dmg | SW 8270C |
| | Diethyl phthalate | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| | Dimethyl phthalate | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| | 2,4-Dinitrotoluene | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| | 2,6-Dinitrotoluene | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| | Di-n-octylphthalate | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| | Fluoranthene | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| | Fluorene | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| | Hexachlorobenzene | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| | Hexachloro-1,3-butadiene | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| | Hexachlorocyclopentadiene | <750 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <750 | dmg | SW 8270C |
| | Hexachloroethane | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| | Indeno (1,2,3-cd) pyrene | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| | Isophorone | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| | Naphthalene | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| | Nitrobenzene | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| | N-Nitrosodi-n-propylamine | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| | Phenanthrene | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------------------------|-------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 699308 | SBI002:GB-2:S010015:412 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 08:45 |
| Pyrene | | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| 1,2,4-Trichlorobenzene | | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| Surrogate: d5-Nitrobenzene | | 79 | | † | 08/19/2001 | 947 | 1463 | | dmg | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 86 | | † | 08/19/2001 | 947 | 1463 | | dmg | SW 8270C |
| Surrogate: d14-Terphenyl | | 83 | | † | 08/19/2001 | 947 | 1463 | | dmg | SW 8270C |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | |
| Benzoic Acid | | <1,880 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <1,880 | dmg | SW 8270C |
| 4-Chloro-3-methylphenol | | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| 2-Chlorophenol | | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| 2,4-Dichlorophenol | | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| 2,4-Dimethylphenol | | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| 2-Methylphenol | | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| meta & para-Methylphenol | | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| 2-Nitrophenol | | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| Pentachlorophenol | | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| Phenol | | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| 2,4,5-Trichlorophenol | | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| 2,4,6-Trichlorophenol | | <375 | | ug/kg dw | 08/19/2001 | 947 | 1463 | <375 | dmg | SW 8270C |
| Surrogate: d6-Phenol | | 75 | | † | 08/19/2001 | 947 | 1463 | | dmg | SW 8270C |
| Surrogate: 2-Fluorophenol | | 58 | | † | 08/19/2001 | 947 | 1463 | | dmg | SW 8270C |
| Surrogate: Tribromophenol | | 71 | | † | 08/19/2001 | 947 | 1463 | | dmg | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|--------------------------------|-------------------------|----------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 699309 | SBI002:GB-9:S000020:412 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 09:00 |
| Dry Weight | | 95.0 | | % | 08/17/2001 | | 1479 | | mhg | SM 2540 G. |
| ICP NONAQUEOUS | | Complete | | | 08/17/2001 | | 1232 | Complete | emd | SW 6010B |
| Arsenic, ICP | | <33.1 | | mg/kg dw | 08/17/2001 | 903 | 2960 | <33.1 | emd | SW 6010B |
| Barium, ICP | | 398 | | mg/kg dw | 08/17/2001 | 903 | 2891 | <3.3 | emd | SW 6010B |
| Cadmium, ICP | | <9.92 | | mg/kg dw | 08/17/2001 | 903 | 2873 | <9.92 | emd | SW 6010B |
| Chromium, ICP | | 90.2 | | mg/kg dw | 08/17/2001 | 903 | 2861 | <6.6 | emd | SW 6010B |
| Lead, ICP | | 193 | | mg/kg dw | 08/17/2001 | 903 | 2862 | <14 | emd | SW 6010B |
| Mercury, CVAA | | 1.38 | | mg/kg dw | 08/17/2001 | 607 | 624 | <0.040 | epk | SW 7471A |
| Selenium, ICP | | <33.1 | | mg/kg dw | 08/17/2001 | 903 | 2940 | <33.1 | emd | SW 6010B |
| Silver, ICP | | <13.3 | | mg/kg dw | 08/17/2001 | 903 | 2893 | <13.3 | emd | SW 6010B |
| ICP Digestion, Nonaqueous | | Complete | | | 08/15/2001 | 903 | | Complete | mrt | SW 3050B |
| Mercury Digestion, Non-Aq | | Complete | | | 08/14/2001 | 607 | | Complete | epk | SW 7471A |
| Prep, PCBs Non-Aq 8082 | | Complete | | | 08/16/2001 | 103 | | Complete | mlr | SW 3540C; SW 3545 |
| Prep, BNA Non-Aq | | Complete | | | 08/14/2001 | 947 | | Complete | mlr | EPA 625; SW 3540C; SW 3545 |
| Prep, TPH 418.1 Nonaq | | COMPLETE | | | 08/15/2001 | 589 | | Complete | 110 | SW 9071 |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | | Complete | | | 08/14/2001 | | 1462 | Complete | bmh | |
| Acetone | | <105 | | ug/kg dw | 08/14/2001 | | 1462 | <105 | bmh | SW 8260A |
| Benzene | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| tert-Butylbenzene | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| sec-Butylbenzene | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| n-Butylbenzene | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| Bromochloromethane | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| Bromodichloromethane | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|-----------------------------|-------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 699309 | SBI002:GB-9:S000020:412 | | | | | | | | | | 08/09/2001 09:00 |
| Bromoform | | <5.3 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.3 | bmh | SW 8260A | |
| Bromobenzene | | <5.3 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.3 | bmh | SW 8260A | |
| 2-Butanone (MEK) | | <5.3 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.3 | bmh | SW 8260A | |
| Carbon disulfide | | <5.3 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.3 | bmh | SW 8260A | |
| Carbon tetrachloride | | <5.3 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.3 | bmh | SW 8260A | |
| Chlorobenzene | | <5.3 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.3 | bmh | SW 8260A | |
| Chloroethane | | <10.5 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <10.5 | bmh | SW 8260A | |
| 2-Chlorotoluene | | <5.3 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.3 | bmh | SW 8260A | |
| 4-Chlorotoluene | | <5.3 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.3 | bmh | SW 8260A | |
| Chloroform | | <5.3 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.3 | bmh | SW 8260A | |
| Chloromethane | | <10.5 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <10.5 | bmh | SW 8260A | |
| Dibromochloromethane | | <5.3 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.3 | bmh | SW 8260A | |
| Dibromomethane | | <5.3 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.3 | bmh | SW 8260A | |
| Dichlorodifluoromethane | | <5.3 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.3 | bmh | SW 8260A | |
| 1,2-Dibromo-3-chloropropane | | <5.3 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.3 | bmh | SW 8260A | |
| 1,2-Dichlorobenzene | | <5.3 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.3 | bmh | SW 8260A | |
| 1,3-Dichlorobenzene | | <5.3 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.3 | bmh | SW 8260A | |
| 1,4-Dichlorobenzene | | <5.3 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.3 | bmh | SW 8260A | |
| 1,1-Dichloroethane | | <5.3 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.3 | bmh | SW 8260A | |
| 1,2-Dichloroethane | | <5.3 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.3 | bmh | SW 8260A | |
| 1,1-Dichloroethene | | <5.3 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.3 | bmh | SW 8260A | |
| cis-1,2-Dichloroethene | | <5.3 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.3 | bmh | SW 8260A | |
| trans-1,2-Dichloroethene | | <5.3 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.3 | bmh | SW 8260A | |
| 1,2-Dichloropropane | | <5.3 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.3 | bmh | SW 8260A | |
| 1,3-Dichloropropane | | <5.3 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.3 | bmh | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|-------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 699309 | SBI002:GB-9:S000020:412 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 09:00 |
| 2,2-Dichloropropane | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| 1,1-Dichloropropene | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| cis-1,3-Dichloropropene | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| trans-1,3-Dichloropropene | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| Ethylbenzene | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| Hexachlorobutadiene | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| n-Hexane | | <21.1 | | ug/kg dw | 08/14/2001 | | 1462 | <21.1 | bmh | SW 8260A |
| 2-Hexanone | | <52.6 | | ug/kg dw | 08/14/2001 | | 1462 | <52.6 | bmh | SW 8260A |
| Isopropylbenzene (Cumene) | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| p-Isopropyltoluene | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| Bromomethane | | <10.5 | | ug/kg dw | 08/14/2001 | | 1462 | <10.5 | bmh | SW 8260A |
| Methylene Chloride | | <10.5 | | ug/kg dw | 08/14/2001 | | 1462 | <10.5 | bmh | SW 8260A |
| Methyl t-butyl ether (MTBE) | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| 4-Methyl-2-pentanone (MIBK) | | <52.6 | | ug/kg dw | 08/14/2001 | | 1462 | <52.6 | bmh | SW 8260A |
| n-Propylbenzene | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| Styrene | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| Naphthalene | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| 1,1,1,2-Tetrachloroethane | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| 1,1,2,2-Tetrachloroethane | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| Tetrachloroethene | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| Toluene | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| 1,2,4-Trichlorobenzene | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| 1,1,1-Trichloroethane | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| 1,1,2-Trichloroethane | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| Trichloroethene | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|-------------------------------|-------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 699309 | SBI002:GB-9:S000020:412 | | | | | | | | | |
| | | | | | | | | | | DATE/TIME TAKEN 08/09/2001 09:00 |
| Trichlorofluoromethane | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| 1,2,3-Trichloropropane | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| 1,2,4-Trimethylbenzene | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| 1,3,5-Trimethylbenzene | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| Vinyl Acetate | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| Vinyl Chloride | | <2.1 | | ug/kg dw | 08/14/2001 | | 1462 | <2.1 | bmh | SW 8260A |
| Xylenes, Total | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| d4-1,2-Dichloroethane (surr) | | 109 | | % | 08/14/2001 | | 1462 | | bmh | SW 8260A |
| Dibromofluoromethane (surr) | | 105 | | % | 08/14/2001 | | 1462 | | bmh | SW 8260A |
| d8-Toluene (surr) | | 95 | | % | 08/14/2001 | | 1462 | | bmh | SW 8260A |
| Bromofluorobenzene (surr) | | 99 | | % | 08/14/2001 | | 1462 | | bmh | SW 8260A |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| Acenaphthene | | <347 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <347 | jrjw | SW 8270C |
| Acenaphthylene | | <347 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <347 | jrjw | SW 8270C |
| Anthracene | | <347 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <347 | jrjw | SW 8270C |
| Benzo(a)anthracene | | 574 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <347 | jrjw | SW 8270C |
| Benzo(b)fluoranthene | | 988 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <347 | jrjw | SW 8270C |
| Benzo(k)fluoranthene | | 451 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <347 | jrjw | SW 8270C |
| Benzo(a)pyrene | | 427 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <174 | jrjw | SW 8270C |
| Benzyl alcohol | | <347 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <347 | jrjw | SW 8270C |
| Benzyl butyl phthalate | | <347 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <347 | jrjw | SW 8270C |
| Bis(2-chloroethyl)ether | | <347 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <347 | jrjw | SW 8270C |
| Bis(2-chloroethoxy)methane | | <347 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <347 | jrjw | SW 8270C |
| Bis(2-ethylhexyl)phthalate | | <347 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <347 | jrjw | SW 8270C |

ANALYTICAL REPORT

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6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------------------------|-------------------------|----------|------------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 699309 | SBI002:GB-9:S000020:412 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 09:00 |
| 2,2'-oxybis(1-Chloropropane) | <347 | ug/kg dw | 08/17/2001 | 947 | 1461 | <347 | jrw | SW 8270C | | |
| 4-Bromophenyl phenyl ether | <347 | ug/kg dw | 08/17/2001 | 947 | 1461 | <347 | jrw | SW 8270C | | |
| 4-Chloroaniline | <347 | ug/kg dw | 08/17/2001 | 947 | 1461 | <347 | jrw | SW 8270C | | |
| 2-Chloronaphthalene | <347 | ug/kg dw | 08/17/2001 | 947 | 1461 | <347 | jrw | SW 8270C | | |
| Chrysene | 753 | ug/kg dw | 08/17/2001 | 947 | 1461 | <347 | jrw | SW 8270C | | |
| Dibenzo(a,h)anthracene | <174 | ug/kg dw | 08/17/2001 | 947 | 1461 | <174 | jrw | SW 8270C | | |
| Dibenzofuran | <347 | ug/kg dw | 08/17/2001 | 947 | 1461 | <347 | jrw | SW 8270C | | |
| 1,2-Dichlorobenzene | <347 | ug/kg dw | 08/17/2001 | 947 | 1461 | <347 | jrw | SW 8270C | | |
| 1,3-Dichlorobenzene | <347 | ug/kg dw | 08/17/2001 | 947 | 1461 | <347 | jrw | SW 8270C | | |
| 1,4-Dichlorobenzene | <347 | ug/kg dw | 08/17/2001 | 947 | 1461 | <347 | jrw | SW 8270C | | |
| 3,3'-Dichlorobenzidine | <695 | ug/kg dw | 08/17/2001 | 947 | 1461 | <695 | jrw | SW 8270C | | |
| Diethyl phthalate | <347 | ug/kg dw | 08/17/2001 | 947 | 1461 | <347 | jrw | SW 8270C | | |
| Dimethyl phthalate | <347 | ug/kg dw | 08/17/2001 | 947 | 1461 | <347 | jrw | SW 8270C | | |
| 2,4-Dinitrotoluene | <347 | ug/kg dw | 08/17/2001 | 947 | 1461 | <347 | jrw | SW 8270C | | |
| 2,6-Dinitrotoluene | <347 | ug/kg dw | 08/17/2001 | 947 | 1461 | <347 | jrw | SW 8270C | | |
| Di-n-octylphthalate | <347 | ug/kg dw | 08/17/2001 | 947 | 1461 | <347 | jrw | SW 8270C | | |
| Fluoranthene | 1,040 | ug/kg dw | 08/17/2001 | 947 | 1461 | <347 | jrw | SW 8270C | | |
| Fluorene | <347 | ug/kg dw | 08/17/2001 | 947 | 1461 | <347 | jrw | SW 8270C | | |
| Hexachlorobenzene | <347 | ug/kg dw | 08/17/2001 | 947 | 1461 | <347 | jrw | SW 8270C | | |
| Hexachloro-1,3-butadiene | <347 | ug/kg dw | 08/17/2001 | 947 | 1461 | <347 | jrw | SW 8270C | | |
| Hexachlorocyclopentadiene | <695 | ug/kg dw | 08/17/2001 | 947 | 1461 | <695 | jrw | SW 8270C | | |
| Hexachloroethane | <347 | ug/kg dw | 08/17/2001 | 947 | 1461 | <347 | jrw | SW 8270C | | |
| Indeno(1,2,3-cd)pyrene | <347 | ug/kg dw | 08/17/2001 | 947 | 1461 | <347 | jrw | SW 8270C | | |
| Isophorone | <347 | ug/kg dw | 08/17/2001 | 947 | 1461 | <347 | jrw | SW 8270C | | |
| Naphthalene | <347 | ug/kg dw | 08/17/2001 | 947 | 1461 | <347 | jrw | SW 8270C | | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|---------------------------|--------------------------|----------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | |
| 699309 | SBI002:GB-9:S000020:412 | | | | | | | | | | 08/09/2001 09:00 |
| Surrogate: Tribromophenol | | 78 | | % | 08/17/2001 | 947 | 1461 | | jrw | SW 8270C | |
| PCB's M 8082, Non-Aq | | | | | | | | | | | |
| Aroclor 1016 | | <0.53 | | mg/kg dw | 08/20/2001 | 103 | 187 | <0.53 | jdc | SW 8082 | |
| Aroclor 1221 | | <0.53 | | mg/kg dw | 08/20/2001 | 103 | 187 | <0.53 | jdc | SW 8082 | |
| Aroclor 1232 | | <0.53 | | mg/kg dw | 08/20/2001 | 103 | 187 | <0.53 | jdc | SW 8082 | |
| Aroclor 1242 | | <0.53 | | mg/kg dw | 08/20/2001 | 103 | 187 | <0.53 | jdc | SW 8082 | |
| Aroclor 1248 | | <0.53 | | mg/kg dw | 08/20/2001 | 103 | 187 | <0.53 | jdc | SW 8082 | |
| Aroclor 1254 | | <0.53 | | mg/kg dw | 08/20/2001 | 103 | 187 | <0.53 | jdc | SW 8082 | |
| Aroclor 1260 | | <0.53 | | mg/kg dw | 08/20/2001 | 103 | 187 | <0.53 | jdc | SW 8082 | |
| Surrogate:TCX/DCB | | 118/101 | note | % | 08/20/2001 | 103 | 187 | | jdc | SW 8082 | |
| TPH - FTIR Non-aq | | 2,320 | | mg/kg dw | 08/16/2001 | 589 | 621 | <53 | 110 | 418.1 | |
| 699310 | SBI002:GB-10:S000020:412 | | | | | | | | | | 08/09/2001 09:45 |
| Dry Weight | | 95.4 | | % | 08/17/2001 | | 1479 | | mhg | SM 2540 G. | |
| ICP NONAQUEOUS | | Complete | | | 08/17/2001 | | 1232 | Complete | emd | SW 6010B | |
| Arsenic, ICP | | <6.9 | | mg/kg dw | 08/17/2001 | 903 | 2960 | <6.9 | emd | SW 6010B | |
| Barium, ICP | | 237 | | mg/kg dw | 08/17/2001 | 903 | 2891 | <1.4 | emd | SW 6010B | |
| Cadmium, ICP | | 89.2 | | mg/kg dw | 08/17/2001 | 903 | 2873 | <2.1 | emd | SW 6010B | |
| Chromium, ICP | | 16.2 | | mg/kg dw | 08/17/2001 | 903 | 2861 | <2.7 | emd | SW 6010B | |
| Lead, ICP | | 147 | | mg/kg dw | 08/17/2001 | 903 | 2862 | <5.6 | emd | SW 6010B | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|--------------------------------|--------------------------|----------|------|------------|---------------|--------------|--------------|-----------------|----------------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 699310 | SBI002:GB-10:S000020:412 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 09:45 |
| Mercury, CVAA | 0.419 | mg/kg dw | | 08/17/2001 | 607 | 624 | <0.031 | epk | SW 7471A | |
| Selenium, ICP | <6.9 | mg/kg dw | | 08/17/2001 | 903 | 2940 | <6.9 | emd | SW 6010B | |
| Silver, ICP | <2.7 | mg/kg dw | | 08/17/2001 | 903 | 2893 | <2.7 | emd | SW 6010B | |
| ICP Digestion, Nonaqueous | Complete | | | 08/15/2001 | 903 | | Complete | mrt | SW 3050B | |
| Mercury Digestion, Non-Aq | Complete | | | 08/14/2001 | 607 | | Complete | epk | SW 7471A | |
| Prep, PCBs Non-Aq 8082 | Complete | | | 08/16/2001 | 103 | | Complete | mlr | SW 3540C; SW 3545 | |
| Prep, BNA Non-Aq | Complete | | | 08/14/2001 | 947 | | Complete | mlr | EPA 625; SW 3540C; SW 3545 | |
| Prep, TPH 418.1 Nonaq | COMPLETE | | | 08/15/2001 | 589 | | Complete | 110 | SW 9071 | |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | Complete | | | 08/14/2001 | | 1462 | Complete | bmh | | |
| Acetone | <105 | ug/kg dw | | 08/14/2001 | | 1462 | <105 | bmh | SW 8260A | |
| Benzene | <5.2 | ug/kg dw | | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A | |
| tert-Butylbenzene | <5.2 | ug/kg dw | | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A | |
| sec-Butylbenzene | <5.2 | ug/kg dw | | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A | |
| n-Butylbenzene | <5.2 | ug/kg dw | | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A | |
| Bromochloromethane | <5.2 | ug/kg dw | | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A | |
| Bromodichloromethane | <5.2 | ug/kg dw | | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A | |
| Bromoform | <5.2 | ug/kg dw | | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A | |
| Bromobenzene | <5.2 | ug/kg dw | | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A | |
| 2-Butanone (MEK) | <52 | ug/kg dw | | 08/14/2001 | | 1462 | <52 | bmh | SW 8260A | |
| Carbon disulfide | <5.2 | ug/kg dw | | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A | |
| Carbon tetrachloride | <5.2 | ug/kg dw | | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A | |
| Chlorobenzene | <5.2 | ug/kg dw | | 08/14/2001 | | 1462 | <5.2 | bmh | SW 8260A | |
| Chloroethane | <10.5 | ug/kg dw | | 08/14/2001 | | 1462 | <10.5 | bmh | SW 8260A | |

ANALYTICAL REPORT

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6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|--------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 699310 | SBI002:GB-10:S000020:412 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 09:45 |
| 2-Chlorotoluene | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A |
| 4-Chlorotoluene | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A |
| Chloroform | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A |
| Chloromethane | | <10.5 | | ug/kg dw | 08/14/2001 | 1462 | | <10.5 | bmh | SW 8260A |
| Dibromochloromethane | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A |
| Dibromomethane | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A |
| Dichlorodifluoromethane | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A |
| 1,2-Dibromo-3-chloropropane | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A |
| 1,2-Dichlorobenzene | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A |
| 1,3-Dichlorobenzene | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A |
| 1,4-Dichlorobenzene | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A |
| 1,1-Dichloroethane | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A |
| 1,2-Dichloroethane | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A |
| 1,1-Dichloroethene | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A |
| cis-1,2-Dichloroethene | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A |
| trans-1,2-Dichloroethene | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A |
| 1,2-Dichloropropane | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A |
| 1,3-Dichloropropane | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A |
| 2,2-Dichloropropane | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A |
| 1,1-Dichloropropene | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A |
| cis-1,3-Dichloropropene | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A |
| trans-1,3-Dichloropropene | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A |
| Ethylbenzene | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A |
| Hexachlorobutadiene | | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | | <5.2 | bmh | SW 8260A |
| n-Hexane | | <21.0 | | ug/kg dw | 08/14/2001 | 1462 | | <21.0 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------|-----------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 699310 | SBI002:GB-10:S000020:412 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 09:45 |
| | z-Hexanone | <52.4 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <52.4 | bmh | SW 8260A |
| | Isopropylbenzene (Cumene) | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A |
| | p-Isopropyltoluene | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A |
| | Bromomethane | <10.5 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <10.5 | bmh | SW 8260A |
| | Methylene Chloride | <10.5 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <10.5 | bmh | SW 8260A |
| | Methyl t-butyl ether (MTBE) | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A |
| | 4-Methyl-2-pentanone (MIBK) | <52.4 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <52.4 | bmh | SW 8260A |
| | n-Propylbenzene | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A |
| | Styrene | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A |
| | Naphthalene | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A |
| | 1,1,1,2-Tetrachloroethane | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A |
| | 1,1,2,2-Tetrachloroethane | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A |
| | Tetrachloroethene | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A |
| | Toluene | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A |
| | 1,2,4-Trichlorobenzene | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A |
| | 1,1,1-Trichloroethane | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A |
| | 1,1,2-Trichloroethane | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A |
| | Trichloroethene | 7.9 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A |
| | Trichlorofluoromethane | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A |
| | 1,2,3-Trichloropropane | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A |
| | 1,2,4-Trimethylbenzene | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A |
| | 1,3,5-Trimethylbenzene | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A |
| | Vinyl Acetate | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A |
| | Vinyl Chloride | <2.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <2.1 | bmh | SW 8260A |
| | Xylenes, Total | <5.2 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.2 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|-------------------------------|--------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 699310 | SBI002:GB-10:S000020:412 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 09:45 |
| d4-1,2-Dichloroethane (surr) | 105 | † | | | 08/14/2001 | | 1462 | | bmh | SW 8260A |
| Dibromofluoromethane (surr) | 99 | † | | | 08/14/2001 | | 1462 | | bmh | SW 8260A |
| d8-Toluene (surr) | 92 | † | | | 08/14/2001 | | 1462 | | bmh | SW 8260A |
| Bromofluorobenzene (surr) | 94 | † | | | 08/14/2001 | | 1462 | | bmh | SW 8260A |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| Acenaphthene | <3,500 | | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,500 | jcs | SW 8270C |
| Acenaphthylene | <3,500 | | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,500 | jcs | SW 8270C |
| Anthracene | 5,270 | | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,460 | jcs | SW 8270C |
| Benzo(a)anthracene | 12,300 | | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,460 | jcs | SW 8270C |
| Benzo(b)fluoranthene | 16,000 | | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,460 | jcs | SW 8270C |
| Benzo(k)fluoranthene | 6,170 | | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,460 | jcs | SW 8270C |
| Benzo(a)pyrene | 10,900 | | | ug/kg dw | 08/19/2001 | 947 | 1462 | <1,680 | jcs | SW 8270C |
| Benzyl alcohol | <3,500 | | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,500 | jcs | SW 8270C |
| Benzyl butyl phthalate | <3,500 | | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,500 | jcs | SW 8270C |
| Bis(2-chloroethyl)ether | <3,500 | | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,500 | jcs | SW 8270C |
| Bis(2-chloroethoxy)methane | <3,500 | | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,500 | jcs | SW 8270C |
| Bis(2-ethylhexyl)phthalate | <3,500 | | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,500 | jcs | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | <3,500 | | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,500 | jcs | SW 8270C |
| 4-Bromophenyl phenyl ether | <3,500 | | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,500 | jcs | SW 8270C |
| 4-Chloroaniline | <3,500 | | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,500 | jcs | SW 8270C |
| 2-Chloronaphthalene | <3,500 | | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,500 | jcs | SW 8270C |
| Chrysene | 12,500 | | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,460 | jcs | SW 8270C |
| Dibenzo(a,h)anthracene | <1,700 | | | ug/kg dw | 08/19/2001 | 947 | 1462 | <1,700 | jcs | SW 8270C |
| Dibenzofuran | <3,500 | | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,500 | jcs | SW 8270C |

ANALYTICAL REPORT

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6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|-----------------------------|--------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 699310 | SBI002:GB-10:S000020:412 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 09:45 |
| 1,2-Dichlorobenzene | | <3,500 | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,500 | jcs | SW 8270C |
| 1,3-Dichlorobenzene | | <3,500 | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,500 | jcs | SW 8270C |
| 1,4-Dichlorobenzene | | <3,500 | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,500 | jcs | SW 8270C |
| 3,3'-Dichlorobenzidine | | <6,900 | | ug/kg dw | 08/19/2001 | 947 | 1462 | <6,900 | jcs | SW 8270C |
| Diethyl phthalate | | <3,500 | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,500 | jcs | SW 8270C |
| Dimethyl phthalate | | <3,500 | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,500 | jcs | SW 8270C |
| 2,4-Dinitrotoluene | | <3,500 | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,500 | jcs | SW 8270C |
| 2,6-Dinitrotoluene | | <3,500 | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,500 | jcs | SW 8270C |
| Di-n-octylphthalate | | <3,500 | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,500 | jcs | SW 8270C |
| Fluoranthene | | 20,000 | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,460 | jcs | SW 8270C |
| Fluorene | | <3,500 | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,500 | jcs | SW 8270C |
| Hexachlorobenzene | | <3,500 | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,500 | jcs | SW 8270C |
| Hexachloro-1,3-butadiene | | <3,500 | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,500 | jcs | SW 8270C |
| Hexachlorocyclopentadiene | | <6,900 | | ug/kg dw | 08/19/2001 | 947 | 1462 | <6,900 | jcs | SW 8270C |
| Hexachloroethane | | <3,500 | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,500 | jcs | SW 8270C |
| Indeno(1,2,3-cd)pyrene | | 3,160 | | ug/kg dw | 08/19/2001 | 947 | 1462 | <1,730 | jcs | SW 8270C |
| Isophorone | | <3,500 | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,500 | jcs | SW 8270C |
| Naphthalene | | <3,500 | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,500 | jcs | SW 8270C |
| Nitrobenzene | | <3,500 | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,500 | jcs | SW 8270C |
| N-Nitrosodi-n-propylamine | | <3,500 | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,500 | jcs | SW 8270C |
| Phenanthrene | | 19,100 | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,460 | jcs | SW 8270C |
| Pyrene | | 30,600 | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,460 | jcs | SW 8270C |
| 1,2,4-Trichlorobenzene | | <3,500 | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,500 | jcs | SW 8270C |
| Surrogate: d5-Nitrobenzene | | d1 | note | ‡ | 08/19/2001 | 947 | 1462 | | jcs | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 123 | | ‡ | 08/19/2001 | 947 | 1462 | | jcs | SW 8270C |

ANALYTICAL REPORT

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 6130 Wilcox Rd.
 Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|------------------------------|---------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | 08/09/2001 09:45 |
| | Surrogate: d14-Terphenyl | 174 | | % | 08/19/2001 | 947 | 1462 | | jcs | SW 8270C | |
| | ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | |
| | Benzoic Acid | <17,000 | | ug/kg dw | 08/19/2001 | 947 | 1462 | <17,000 | jcs | SW 8270C | |
| | 4-Chloro-3-methylphenol | <3,500 | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,500 | jcs | SW 8270C | |
| | 2-Chlorophenol | <3,500 | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,500 | jcs | SW 8270C | |
| | 2,4-Dichlorophenol | <3,500 | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,500 | jcs | SW 8270C | |
| | 2,4-Dimethylphenol | <3,500 | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,500 | jcs | SW 8270C | |
| | 2-Methyl-4,6-dinitrophenol | <3,500 | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,500 | jcs | SW 8270C | |
| | 2-Methylphenol | <3,500 | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,500 | jcs | SW 8270C | |
| | meta & para-Methylphenol | <3,500 | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,500 | jcs | SW 8270C | |
| | 2-Nitrophenol | <3,500 | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,500 | jcs | SW 8270C | |
| | Pentachlorophenol | <3,500 | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,500 | jcs | SW 8270C | |
| | Phenol | <3,500 | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,500 | jcs | SW 8270C | |
| | 2,4,5-Trichlorophenol | <3,500 | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,500 | jcs | SW 8270C | |
| | 2,4,6-Trichlorophenol | <3,500 | | ug/kg dw | 08/19/2001 | 947 | 1462 | <3,500 | jcs | SW 8270C | |
| | Surrogate: d6-Phenol | dl | | % | 08/19/2001 | 947 | 1462 | | jcs | SW 8270C | |
| | Surrogate: 2-Fluorophenol | dl | | % | 08/19/2001 | 947 | 1462 | | jcs | SW 8270C | |
| | Surrogate: Tribromophenol | dl | | % | 08/19/2001 | 947 | 1462 | | jcs | SW 8270C | |
| | PCB's M 8082, Non-Aq | | | | | | | | | | |
| | Aroclor 1016 | <0.52 | | mg/kg dw | 08/20/2001 | 103 | 187 | <0.52 | fdc | SW 8082 | |
| | Aroclor 1221 | <0.52 | | mg/kg dw | 08/20/2001 | 103 | 187 | <0.52 | fdc | SW 8082 | |
| | Aroclor 1232 | <0.52 | | mg/kg dw | 08/20/2001 | 103 | 187 | <0.52 | fdc | SW 8082 | |
| | Aroclor 1242 | <0.52 | | mg/kg dw | 08/20/2001 | 103 | 187 | <0.52 | fdc | SW 8082 | |
| | Aroclor 1248 | <0.52 | | mg/kg dw | 08/20/2001 | 103 | 187 | <0.52 | fdc | SW 8082 | |

ANALYTICAL REPORT

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HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|---------------------------|--------------------------|----------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 699310 | SBI002:GB-10:S000020:412 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 09:45 |
| Aroclor 1254 | | <0.52 | | mg/kg dw | 08/20/2001 | 103 | 187 | <0.52 | jdc | SW 8082 |
| Aroclor 1260 | | <0.52 | | mg/kg dw | 08/20/2001 | 103 | 187 | <0.52 | jdc | SW 8082 |
| Surrogate:TCX/DCB | | 90/53 | note | % | 08/20/2001 | 103 | 187 | | jdc | SW 8082 |
| TPH - FTIR Non-aq | | 199 | | mg/kg dw | 08/16/2001 | 589 | 621 | <52 | 110 | 418.1 |
| 699311 | SBI002:GB-12:S000020:412 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 10:10 |
| Dry Weight | | 94.0 | | % | 08/17/2001 | | 1479 | | mhg | SM 2540 G. |
| ICP NONAQUEOUS | | Complete | | | 08/17/2001 | | 1232 | Complete | emd | SW 6010B |
| Arsenic, ICP | | <18 | | mg/kg dw | 08/17/2001 | 903 | 2960 | <18 | emd | SW 6010B |
| Barium, ICP | | 187 | | mg/kg dw | 08/17/2001 | 903 | 2891 | <3.5 | emd | SW 6010B |
| Cadmium, ICP | | <5.3 | | mg/kg dw | 08/17/2001 | 903 | 2873 | <5.3 | emd | SW 6010B |
| Chromium, ICP | | 177 | | mg/kg dw | 08/17/2001 | 903 | 2861 | <7.0 | emd | SW 6010B |
| Lead, ICP | | 167 | | mg/kg dw | 08/17/2001 | 903 | 2862 | <14 | emd | SW 6010B |
| Mercury, CVAA | | 0.523 | | mg/kg dw | 08/17/2001 | 607 | 624 | <0.035 | epk | SW 7471A |
| Selenium, ICP | | <18 | | mg/kg dw | 08/17/2001 | 903 | 2940 | <18 | emd | SW 6010B |
| Silver, ICP | | <7.0 | | mg/kg dw | 08/17/2001 | 903 | 2893 | <7.0 | emd | SW 6010B |
| ICP Digestion, Nonaqueous | | Complete | | | 08/15/2001 | 903 | | Complete | mrt | SW 3050B |
| Mercury Digestion, Non-Aq | | Complete | | | 08/14/2001 | 607 | | Complete | epk | SW 7471A |
| Prep, PCBs Non-Aq 8082 | | Complete | | | 08/16/2001 | 103 | | Complete | mlr | SW 3540C; SW 3545 |
| Prep, BNA Non-Aq | | Complete | | | 08/14/2001 | 947 | | Complete | mlr | EPA 625; SW 3540C; SW 3545 |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|--------------------------------|--------------------------|----------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 699311 | SBI002:GB-12:S000020:412 | | | | | | | | | |
| | Prep, TPH 418.1 Nonaq | COMPLETE | | | 08/15/2001 | 589 | | Complete | 110 | SW 9071 |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| | 8260 - SW846 (Non-aq) | Complete | | | 08/14/2001 | | 1462 | Complete | | bmh |
| | Acetone | <106 | | ug/kg dw | 08/14/2001 | | 1462 | <106 | | bmh SW 8260A |
| | Benzene | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | | bmh SW 8260A |
| | tert-Butylbenzene | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | | bmh SW 8260A |
| | sec-Butylbenzene | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | | bmh SW 8260A |
| | n-Butylbenzene | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | | bmh SW 8260A |
| | Bromochloromethane | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | | bmh SW 8260A |
| | Bromodichloromethane | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | | bmh SW 8260A |
| | Bromoform | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | | bmh SW 8260A |
| | Bromobenzene | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | | bmh SW 8260A |
| | 2-Butanone (MEK) | <53 | | ug/kg dw | 08/14/2001 | | 1462 | <53 | | bmh SW 8260A |
| | Carbon disulfide | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | | bmh SW 8260A |
| | Carbon tetrachloride | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | | bmh SW 8260A |
| | Chlorobenzene | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | | bmh SW 8260A |
| | Chloroethane | <10.6 | | ug/kg dw | 08/14/2001 | | 1462 | <10.6 | | bmh SW 8260A |
| | 2-Chlorotoluene | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | | bmh SW 8260A |
| | 4-Chlorotoluene | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | | bmh SW 8260A |
| | Chloroform | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | | bmh SW 8260A |
| | Chloromethane | <10.6 | | ug/kg dw | 08/14/2001 | | 1462 | <10.6 | | bmh SW 8260A |
| | Dibromochloromethane | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | | bmh SW 8260A |
| | Dibromomethane | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | | bmh SW 8260A |
| | Dichlorodifluoromethane | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | | bmh SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|--------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 699311 | SBI002:GB-12:S000020:412 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 10:10 |
| 1,2-Dibromo-3-chloropropane | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| 1,2-Dichlorobenzene | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| 1,3-Dichlorobenzene | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| 1,4-Dichlorobenzene | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| 1,1-Dichloroethane | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| 1,2-Dichloroethane | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| 1,1-Dichloroethene | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| cis-1,2-Dichloroethene | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| trans-1,2-Dichloroethene | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| 1,2-Dichloropropane | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| 1,3-Dichloropropane | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| 2,2-Dichloropropane | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| 1,1-Dichloropropene | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| cis-1,3-Dichloropropene | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| trans-1,3-Dichloropropene | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| Ethylbenzene | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| Hexachlorobutadiene | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| n-Hexane | | <21.3 | | ug/kg dw | 08/14/2001 | | 1462 | <21.3 | bmh | SW 8260A |
| 2-Hexanone | | <53.2 | | ug/kg dw | 08/14/2001 | | 1462 | <53.2 | bmh | SW 8260A |
| Isopropylbenzene (Cumene) | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| p-Isopropyltoluene | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| Bromomethane | | <10.6 | | ug/kg dw | 08/14/2001 | | 1462 | <10.6 | bmh | SW 8260A |
| Methylene Chloride | | <10.6 | | ug/kg dw | 08/14/2001 | | 1462 | <10.6 | bmh | SW 8260A |
| Methyl t-butyl ether (MTBE) | | <5.3 | | ug/kg dw | 08/14/2001 | | 1462 | <5.3 | bmh | SW 8260A |
| 4-Methyl-2-pentanone (MIBK) | | <53.2 | | ug/kg dw | 08/14/2001 | | 1462 | <53.2 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-------------------------------|--------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 699311 | SBI002:GB-12:S000020:412 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 10:10 |
| n-Propylbenzene | | <5.3 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.3 | bmh | SW 8260A |
| Styrene | | <5.3 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.3 | bmh | SW 8260A |
| Naphthalene | | <5.3 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.3 | bmh | SW 8260A |
| 1,1,1,2-Tetrachloroethane | | <5.3 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.3 | bmh | SW 8260A |
| 1,1,2,2-Tetrachloroethane | | <5.3 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.3 | bmh | SW 8260A |
| Tetrachloroethene | | <5.3 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.3 | bmh | SW 8260A |
| Toluene | | <5.3 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.3 | bmh | SW 8260A |
| 1,2,4-Trichlorobenzene | | <5.3 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.3 | bmh | SW 8260A |
| 1,1,1-Trichloroethane | | <5.3 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.3 | bmh | SW 8260A |
| 1,1,2-Trichloroethane | | <5.3 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.3 | bmh | SW 8260A |
| Trichloroethene | | <5.3 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.3 | bmh | SW 8260A |
| Trichlorofluoromethane | | <5.3 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.3 | bmh | SW 8260A |
| 1,2,3-Trichloropropane | | <5.3 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.3 | bmh | SW 8260A |
| 1,2,4-Trimethylbenzene | | <5.3 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.3 | bmh | SW 8260A |
| 1,3,5-Trimethylbenzene | | <5.3 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.3 | bmh | SW 8260A |
| Vinyl Acetate | | <5.3 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.3 | bmh | SW 8260A |
| Vinyl Chloride | | <2.1 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <2.1 | bmh | SW 8260A |
| Xylenes, Total | | <5.3 | | ug/kg dw | 08/14/2001 | 1462 | 1462 | <5.3 | bmh | SW 8260A |
| d4-1,2-Dichloroethane (surr) | | 100 | | % | 08/14/2001 | 1462 | 1462 | | bmh | SW 8260A |
| Dibromofluoromethane (surr) | | 103 | | % | 08/14/2001 | 1462 | 1462 | | bmh | SW 8260A |
| d8-Toluene (surr) | | 94 | | % | 08/14/2001 | 1462 | 1462 | | bmh | SW 8260A |
| Bromofluorobenzene (surr) | | 94 | | % | 08/14/2001 | 1462 | 1462 | | bmh | SW 8260A |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| Acenaphthene | | <351 | | ug/kg dw | 08/17/2001 | 1461 | 1461 | <351 | jrj | SW 8270C |

ANALYTICAL REPORT

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6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------------------------|--------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 699311 | SBI002:GB-12:S000020:412 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 10:10 |
| Acenaphthylene | | <351 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <351 | jrw | SW 8270C |
| Anthracene | | 689 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <351 | jrw | SW 8270C |
| Benzo(a)anthracene | | 2,740 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <351 | jrw | SW 8270C |
| Benzo(b)fluoranthene | | 5,660 | | ug/kg dw | 08/18/2001 | 947 | 1462 | <3,510 | jcs | SW 8270C |
| Benzo(k)fluoranthene | | 2,170 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <351 | jrw | SW 8270C |
| Benzo(a)pyrene | | 2,650 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <176 | jrw | SW 8270C |
| Benzyl alcohol | | <351 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <351 | jrw | SW 8270C |
| Benzyl butyl phthalate | | <351 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <351 | jrw | SW 8270C |
| Bis(2-chloroethyl)ether | | <351 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <351 | jrw | SW 8270C |
| Bis(2-chloroethoxy)methane | | <351 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <351 | jrw | SW 8270C |
| Bis(2-ethylhexyl)phthalate | | <351 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <351 | jrw | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <351 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <351 | jrw | SW 8270C |
| 4-Bromophenyl phenyl ether | | <351 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <351 | jrw | SW 8270C |
| 4-Chloroaniline | | <351 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <351 | jrw | SW 8270C |
| 2-Chloronaphthalene | | <351 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <351 | jrw | SW 8270C |
| Chrysene | | 2,830 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <351 | jrw | SW 8270C |
| Dibenzo(a,h)anthracene | | <176 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <176 | jrw | SW 8270C |
| Dibenzofuran | | <351 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <351 | jrw | SW 8270C |
| 1,2-Dichlorobenzene | | <351 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <351 | jrw | SW 8270C |
| 1,3-Dichlorobenzene | | <351 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <351 | jrw | SW 8270C |
| 1,4-Dichlorobenzene | | <351 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <351 | jrw | SW 8270C |
| 3,3'-Dichlorobenzidine | | <702 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <702 | jrw | SW 8270C |
| Diethyl phthalate | | <351 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <351 | jrw | SW 8270C |
| Dimethyl phthalate | | <351 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <351 | jrw | SW 8270C |
| 2,4-Dinitrotoluene | | <351 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <351 | jrw | SW 8270C |

ANALYTICAL REPORT

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6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------------------------|--------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 699311 | SBI002:GB-12:S000020:412 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 10:10 |
| 2,6-Dinitrotoluene | | <351 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <351 | jrw | SW 8270C |
| Di-n-octylphthalate | | <351 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <351 | jrw | SW 8270C |
| Fluoranthene | | 5,540 | | ug/kg dw | 08/18/2001 | 947 | 1462 | <3,510 | jcs | SW 8270C |
| Fluorene | | <351 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <351 | jrw | SW 8270C |
| Hexachlorobenzene | | <351 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <351 | jrw | SW 8270C |
| Hexachloro-1,3-butadiene | | <351 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <351 | jrw | SW 8270C |
| Hexachlorocyclopentadiene | | <702 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <702 | jrw | SW 8270C |
| Hexachloroethane | | <351 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <351 | jrw | SW 8270C |
| Indeno(1,2,3-cd)pyrene | | 377 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <351 | jrw | SW 8270C |
| Isophorone | | <351 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <351 | jrw | SW 8270C |
| Naphthalene | | <351 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <351 | jrw | SW 8270C |
| Nitrobenzene | | <351 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <351 | jrw | SW 8270C |
| N-Nitrosodi-n-propylamine | | <351 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <351 | jrw | SW 8270C |
| Phenanthrene | | 4,650 | | ug/kg dw | 08/18/2001 | 947 | 1462 | <3,510 | jcs | SW 8270C |
| Pyrene | | 9,230 | | ug/kg dw | 08/18/2001 | 947 | 1462 | <3,510 | jcs | SW 8270C |
| 1,2,4-Trichlorobenzene | | <351 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <351 | jrw | SW 8270C |
| Surrogate: d5-Nitrobenzene | | 47 | | % | 08/17/2001 | 947 | 1461 | | jrw | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 91 | | % | 08/17/2001 | 947 | 1461 | | jrw | SW 8270C |
| Surrogate: d14-Terphenyl | | 194 | Note | % | 08/17/2001 | 947 | 1461 | | jrw | SW 8270C |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | |
| Benzoic Acid | | <1,760 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <1,760 | dmg | SW 8270C |
| 4-Chloro-3-methylphenol | | <351 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <351 | dmg | SW 8270C |
| 2-Chlorophenol | | <351 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <351 | dmg | SW 8270C |
| 2,4-Dichlorophenol | | <351 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <351 | dmg | SW 8270C |

ANALYTICAL REPORT

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6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|----------------------------|--------------------------|--------|------|------------|----------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 699311 | SBI002:GB-12:S000020:412 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 10:10 |
| 2,4-Dimethylphenol | <351 | ug/kg | dw | 08/17/2001 | 947 | 1461 | <351 | dmg | SW 8270C | |
| 2-Methyl-4,6-dinitrophenol | <351 | ug/kg | dw | 08/17/2001 | 947 | 1461 | <351 | dmg | SW 8270C | |
| 2-Methylphenol | <351 | ug/kg | dw | 08/17/2001 | 947 | 1461 | <351 | dmg | SW 8270C | |
| meta & para-Methylphenol | <351 | ug/kg | dw | 08/17/2001 | 947 | 1461 | <351 | dmg | SW 8270C | |
| 2-Nitrophenol | <351 | ug/kg | dw | 08/17/2001 | 947 | 1461 | <351 | dmg | SW 8270C | |
| Pentachlorophenol | <351 | ug/kg | dw | 08/17/2001 | 947 | 1461 | <351 | dmg | SW 8270C | |
| Phenol | 529 | ug/kg | dw | 08/17/2001 | 947 | 1461 | <351 | dmg | SW 8270C | |
| 2,4,5-Trichlorophenol | <351 | ug/kg | dw | 08/17/2001 | 947 | 1461 | <351 | dmg | SW 8270C | |
| 2,4,6-Trichlorophenol | <351 | ug/kg | dw | 08/17/2001 | 947 | 1461 | <351 | dmg | SW 8270C | |
| Surrogate: d6-Phenol | 74 | % | | 08/17/2001 | 947 | 1461 | | dmg | SW 8270C | |
| Surrogate: 2-Fluorophenol | 66 | % | | 08/17/2001 | 947 | 1461 | | dmg | SW 8270C | |
| Surrogate: Tribromophenol | 72 | % | | 08/17/2001 | 947 | 1461 | | dmg | SW 8270C | |
| PCB's M 8082, Non-Aq | | | | | | | | | | |
| Aroclor 1016 | <0.53 | mg/kg | dw | 08/20/2001 | 103 | 187 | <0.53 | jdc | SW 8082 | |
| Aroclor 1221 | <0.53 | mg/kg | dw | 08/20/2001 | 103 | 187 | <0.53 | jdc | SW 8082 | |
| Aroclor 1232 | <0.53 | mg/kg | dw | 08/20/2001 | 103 | 187 | <0.53 | jdc | SW 8082 | |
| Aroclor 1242 | <0.53 | mg/kg | dw | 08/20/2001 | 103 | 187 | <0.53 | jdc | SW 8082 | |
| Aroclor 1248 | <0.53 | mg/kg | dw | 08/20/2001 | 103 | 187 | <0.53 | jdc | SW 8082 | |
| Aroclor 1254 | <0.53 | mg/kg | dw | 08/20/2001 | 103 | 187 | <0.53 | jdc | SW 8082 | |
| Aroclor 1260 | <0.53 | mg/kg | dw | 08/20/2001 | 103 | 187 | <0.53 | jdc | SW 8082 | |
| Surrogate:TCX/DCB | 131/90 | note | % | 08/20/2001 | 103 | 187 | | jdc | SW 8082 | |
| TPH - FTIR Non-aq | 3,510 | mg/kg | dw | 08/16/2001 | 589 | 621 | <53 | 110 | 418.1 | |

ANALYTICAL REPORT

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6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|--------------------------------|---------------------------|----------|------|----------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 699312 | SBI002:HMW26S:S015025:412 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 11:40 |
| Dry Weight | | 91.6 | | † | 08/17/2001 | | 1479 | | mhg | SM 2540 G. |
| ICP NONAQUEOUS | | Complete | | | 08/17/2001 | | 1232 | Complete | emd | SW 6010B |
| Arsenic, ICP | | <7.2 | | mg/kg dw | 08/17/2001 | 903 | 2960 | <7.2 | emd | SW 6010B |
| Barium, ICP | | 37 | | mg/kg dw | 08/17/2001 | 903 | 2891 | <1.4 | emd | SW 6010B |
| Cadmium, ICP | | <2.2 | | mg/kg dw | 08/17/2001 | 903 | 2873 | <2.2 | emd | SW 6010B |
| Chromium, ICP | | 9.2 | | mg/kg dw | 08/17/2001 | 903 | 2861 | <2.8 | emd | SW 6010B |
| Lead, ICP | | 21.9 | | mg/kg dw | 08/17/2001 | 903 | 2862 | <5.8 | emd | SW 6010B |
| Mercury, CVAA | | 0.021 | | mg/kg dw | 08/17/2001 | 607 | 624 | <0.009 | epk | SW 7471A |
| Selenium, ICP | | <7.2 | | mg/kg dw | 08/17/2001 | 903 | 2940 | <7.2 | emd | SW 6010B |
| Silver, ICP | | <2.8 | | mg/kg dw | 08/17/2001 | 903 | 2893 | <2.8 | emd | SW 6010B |
| ICP Digestion, Nonaqueous | | Complete | | | 08/15/2001 | 903 | | Complete | mrt | SW 3050B |
| Mercury Digestion, Non-Aq | | Complete | | | 08/14/2001 | 607 | | Complete | epk | SW 7471A |
| Prep, BNA Non-Aq | | Complete | | | 08/14/2001 | 947 | | Complete | mlr | EPA 625; SW 3540C; SW 3545 |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | | Complete | | | 08/14/2001 | | 1462 | Complete | bmh | |
| Acetone | | <109 | | ug/kg dw | 08/14/2001 | | 1462 | <109 | bmh | SW 8260A |
| Benzene | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| tert-Butylbenzene | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| sec-Butylbenzene | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| n-Butylbenzene | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| Bromochloromethane | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| Bromodichloromethane | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| Bromoform | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| Bromobenzene | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|---------------------------|--------|------|----------|------------|--------------|--------------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch Number | Batch Number | Limit | Initials | |
| 699312 | SBI002:HMW26S:S015025:412 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 11:40 |
| 2-Butanone (MEK) | | <55 | | ug/kg dw | 08/14/2001 | | 1462 | <55 | bmh | SW 8260A |
| Carbon disulfide | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| Carbon tetrachloride | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| Chlorobenzene | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| Chloroethane | | <10.9 | | ug/kg dw | 08/14/2001 | | 1462 | <10.9 | bmh | SW 8260A |
| 2-Chlorotoluene | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| 4-Chlorotoluene | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| Chloroform | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| Chloromethane | | <10.9 | | ug/kg dw | 08/14/2001 | | 1462 | <10.9 | bmh | SW 8260A |
| Dibromochloromethane | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| Dibromomethane | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| Dichlorodifluoromethane | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| 1,2-Dibromo-3-chloropropane | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| 1,2-Dichlorobenzene | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| 1,3-Dichlorobenzene | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| 1,4-Dichlorobenzene | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| 1,1-Dichloroethane | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| 1,2-Dichloroethane | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| 1,1-Dichloroethene | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| cis-1,2-Dichloroethene | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| trans-1,2-Dichloroethene | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| 1,2-Dichloropropane | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| 1,3-Dichloropropane | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| 2,2-Dichloropropane | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| 1,1-Dichloropropene | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|----------|------------|--------------|--------------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch Number | Batch Number | Limit | Initials | |
| 699312 | SBI002:HMW26S:S015025:412 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 11:40 |
| | cis-1,3-Dichloropropene | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| | trans-1,3-Dichloropropene | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| | Ethylbenzene | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| | Hexachlorobutadiene | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| | n-Hexane | <21.8 | | ug/kg dw | 08/14/2001 | | 1462 | <21.8 | bmh | SW 8260A |
| | 2-Hexanone | <54.6 | | ug/kg dw | 08/14/2001 | | 1462 | <54.6 | bmh | SW 8260A |
| | Isopropylbenzene (Cumene) | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| | p-Isopropyltoluene | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| | Bromomethane | <10.9 | | ug/kg dw | 08/14/2001 | | 1462 | <10.9 | bmh | SW 8260A |
| | Methylene Chloride | <10.9 | | ug/kg dw | 08/14/2001 | | 1462 | <10.9 | bmh | SW 8260A |
| | Methyl t-butyl ether (MTBE) | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| | 4-Methyl-2-pentanone (MIBK) | <54.6 | | ug/kg dw | 08/14/2001 | | 1462 | <54.6 | bmh | SW 8260A |
| | n-Propylbenzene | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| | Styrene | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| | Naphthalene | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| | 1,1,1,2-Tetrachloroethane | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| | 1,1,2,2-Tetrachloroethane | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| | Tetrachloroethene | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| | Toluene | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| | 1,2,4-Trichlorobenzene | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| | 1,1,1-Trichloroethane | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| | 1,1,2-Trichloroethane | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| | Trichloroethene | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| | Trichlorofluoromethane | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| | 1,2,3-Trichloropropane | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-------------------------------|---------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 699312 | SBI002:HMW26S:S015025:412 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 11:40 |
| 1,2,4-Trimethylbenzene | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| 1,3,5-Trimethylbenzene | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| Vinyl Acetate | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| Vinyl Chloride | | <2.2 | | ug/kg dw | 08/14/2001 | | 1462 | <2.2 | bmh | SW 8260A |
| Xylenes, Total | | <5.5 | | ug/kg dw | 08/14/2001 | | 1462 | <5.5 | bmh | SW 8260A |
| d4-1,2-Dichloroethane (surr) | | 106 | | % | 08/14/2001 | | 1462 | | bmh | SW 8260A |
| Dibromofluoromethane (surr) | | 92 | | % | 08/14/2001 | | 1462 | | bmh | SW 8260A |
| d8-Toluene (surr) | | 91 | | % | 08/14/2001 | | 1462 | | bmh | SW 8260A |
| Bromofluorobenzene (surr) | | 95 | | % | 08/14/2001 | | 1462 | | bmh | SW 8260A |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| Acenaphthene | | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| Acenaphthylene | | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| Anthracene | | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| Benzo(a)anthracene | | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| Benzo(b)fluoranthene | | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| Benzo(k)fluoranthene | | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| Benzo(a)pyrene | | <180 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <180 | jrw | SW 8270C |
| Benzyl alcohol | | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| Benzyl butyl phthalate | | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| Bis(2-chloroethyl) ether | | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| Bis(2-chloroethoxy)methane | | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| Bis(2-ethylhexyl)phthalate | | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| 4-Bromophenyl phenyl ether | | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |

ANALYTICAL REPORT

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6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

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Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|---------------------------|---------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 699312 | SBI002:HMW26S:S015025:412 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 11:40 |
| 4-Chloroaniline | | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| 2-Chloronaphthalene | | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| Chrysene | | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| Dibenzo(a,h)anthracene | | <180 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <180 | jrw | SW 8270C |
| Dibenzofuran | | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| 1,2-Dichlorobenzene | | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| 1,3-Dichlorobenzene | | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| 1,4-Dichlorobenzene | | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| 3,3'-Dichlorobenzidine | | <721 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <721 | jrw | SW 8270C |
| Diethyl phthalate | | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| Dimethyl phthalate | | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| 2,4-Dinitrotoluene | | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| 2,6-Dinitrotoluene | | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| Di-n-octylphthalate | | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| Fluoranthene | | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| Fluorene | | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| Hexachlorobenzene | | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| Hexachloro-1,3-butadiene | | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| Hexachlorocyclopentadiene | | <721 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <721 | jrw | SW 8270C |
| Hexachloroethane | | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| Indeno(1,2,3-cd)pyrene | | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| Isophorone | | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| Naphthalene | | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| Nitrobenzene | | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| N-Nitrosodi-n-propylamine | | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |

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 Dublin, OH 43016

08/27/2001

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Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------------------------|-----------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 699312 | SBI002:HMW26S:S015025:412 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 11:40 |
| | Phenanthrene | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| | Pyrene | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| | 1,2,4-Trichlorobenzene | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| | Surrogate: d5-Nitrobenzene | 58 | | % | 08/17/2001 | 947 | 1461 | | jrw | SW 8270C |
| | Surrogate: 2-Fluorobiphenyl | 79 | | % | 08/17/2001 | 947 | 1461 | | jrw | SW 8270C |
| | Surrogate: d14-Terphenyl | 153 | Note | % | 08/17/2001 | 947 | 1461 | | jrw | SW 8270C |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | |
| | Benzoic Acid | <1,800 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <1,800 | jrw | SW 8270C |
| | 4-Chloro-3-methylphenol | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| | 2-Chlorophenol | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| | 2,4-Dichlorophenol | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| | 2,4-Dimethylphenol | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| | 2-Methyl-4,6-dinitrophenol | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| | 2-Methylphenol | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| | meta & para-Methylphenol | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| | 2-Nitrophenol | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| | Pentachlorophenol | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| | Phenol | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| | 2,4,5-Trichlorophenol | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| | 2,4,6-Trichlorophenol | <360 | | ug/kg dw | 08/17/2001 | 947 | 1461 | <360 | jrw | SW 8270C |
| | Surrogate: d6-Phenol | 76 | | % | 08/17/2001 | 947 | 1461 | | jrw | SW 8270C |
| | Surrogate: 2-Fluorophenol | 71 | | % | 08/17/2001 | 947 | 1461 | | jrw | SW 8270C |
| | Surrogate: Tribromophenol | 59 | | % | 08/17/2001 | 947 | 1461 | | jrw | SW 8270C |
| | TPH - GRO (Non-Aqueous) | <5 | | mg/kg dw | 08/13/2001 | | 246 | <5 | meb | SW 8015M |

ANALYTICAL REPORT

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6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|-------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 699313 | SBI002:FB-1:W080901:412 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 17:15 |
| ICPMS TOTAL METALS | Complete | | | | 08/17/2001 | | 2458 | Complete | kmb | SW 6020 |
| Arsenic, ICPMS | <0.0050 | mg/L | | | 08/17/2001 | 1802 | 3562 | <0.0050 | kmb | SW 6020 |
| Barium, ICPMS | <0.0050 | mg/L | | | 08/17/2001 | 1802 | 3771 | <0.0050 | kmb | SW 6020 |
| Cadmium, ICPMS | <0.0010 | mg/L | | | 08/17/2001 | 1802 | 3441 | <0.0010 | kmb | SW 6020 |
| Chromium, ICPMS (0.005) | <0.0050 | mg/L | | | 08/17/2001 | 1802 | 3824 | <0.0050 | kmb | SW 6020 |
| Lead, ICPMS | <0.0010 | mg/L | | | 08/17/2001 | 1802 | 3519 | <0.0010 | kmb | SW 6020 |
| Mercury, CVAA | <0.0002 | mg/L | | | 08/16/2001 | 1365 | 1308 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | <0.0050 | mg/L | | | 08/21/2001 | 730 | 557 | <0.0050 | lnh | SW 7740 |
| Silver, ICPMS | <0.0005 | mg/L | | | 08/17/2001 | 1802 | 3776 | <0.0005 | kmb | SW 6020 |
| Metals Digestion, ICPMS | Complete | | | | 08/15/2001 | 1802 | | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | Complete | | | | 08/10/2001 | 730 | | Complete | mrt | SW 3020A |
| Manual Mercury Digestion | Complete | | | | 08/15/2001 | 1365 | | Complete | clm | SW 7470A |
| Prep, Base Neutral | Complete | | | | 08/13/2001 | 1255 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, Acid Extractable | Complete | | | | 08/13/2001 | 1255 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, PCBs Aqueous 8082 | Complete | | | | 08/13/2001 | 55 | | Complete | mlr | SW 3510C; SW 3520C |
| Prep, TPH - 418.1 aq | COMPLETE | | | | 08/15/2001 | 593 | | Complete | 110 | EPA 418.1 |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | Complete | | | | 08/15/2001 | | 3487 | Complete | bmh | |
| Acetone | <20.0 | ug/L | | | 08/15/2001 | | 3487 | <20.0 | bmh | SW 8260A |
| Benzene | <1.0 | ug/L | | | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| tert-Butylbenzene | <1.0 | ug/L | | | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| sec-Butylbenzene | <1.0 | ug/L | | | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| n-Butylbenzene | <1.0 | ug/L | | | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| Bromochloromethane | <1.0 | ug/L | | | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |

ANALYTICAL REPORT

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6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|-------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 699313 | SBI002:FB-1:W080901:412 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 17:15 |
| Bromodichloromethane | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| Bromoform | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| Bromobenzene | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| 2-Butanone (MEK) | | <12.5 | | ug/L | 08/15/2001 | | 3487 | <12.5 | bmh | SW 8260A |
| Carbon disulfide | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| Carbon tetrachloride | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| Chlorobenzene | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| Chloroethane | | <5.0 | | ug/L | 08/15/2001 | | 3487 | <5.0 | bmh | SW 8260A |
| 2-Chlorotoluene | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| 4-Chlorotoluene | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| Chloroform | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| Chloromethane | | <5.0 | | ug/L | 08/15/2001 | | 3487 | <5.0 | bmh | SW 8260A |
| Dibromochloromethane | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| Dibromomethane | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| Dichlorodifluoromethane | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| 1,2-Dibromo-3-chloropropane | | <5.0 | | ug/L | 08/15/2001 | | 3487 | <5.0 | bmh | SW 8260A |
| 1,2-Dichlorobenzene | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| 1,3-Dichlorobenzene | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| 1,4-Dichlorobenzene | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| 1,1-Dichloroethane | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| 1,2-Dichloroethane | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| 1,1-Dichloroethene | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| cis-1,2-Dichloroethene | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| trans-1,2-Dichloroethene | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| 1,2-Dichloropropane | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|-------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 699313 | SBI002:FB-1:W080901:412 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 17:15 |
| 1,3-Dichloropropane | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| 2,2-Dichloropropane | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| 1,1-Dichloropropene | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| cis-1,3-Dichloropropene | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| trans-1,3-Dichloropropene | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| Ethylbenzene | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| Hexachlorobutadiene | | <5.0 | | ug/L | 08/15/2001 | | 3487 | <5.0 | bmh | SW 8260A |
| n-Hexane | | <5.0 | | ug/L | 08/15/2001 | | 3487 | <5.0 | bmh | SW 8260A |
| 2-Hexanone | | <12.5 | | ug/L | 08/15/2001 | | 3487 | <12.5 | bmh | SW 8260A |
| Isopropylbenzene (Cumene) | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| p-Isopropyltoluene | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| Bromomethane | | <5.0 | | ug/L | 08/15/2001 | | 3487 | <5.0 | bmh | SW 8260A |
| Methylene Chloride | | <5.0 | | ug/L | 08/15/2001 | | 3487 | <5.0 | bmh | SW 8260A |
| Methyl t-butyl ether (MTBE) | | <5.0 | | ug/L | 08/15/2001 | | 3487 | <5.0 | bmh | SW 8260A |
| 4-Methyl-2-pentanone (MIBK) | | <12.5 | | ug/L | 08/15/2001 | | 3487 | <12.5 | bmh | SW 8260A |
| n-Propylbenzene | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| Styrene | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| Naphthalene | | <5.0 | | ug/L | 08/15/2001 | | 3487 | <5.0 | bmh | SW 8260A |
| 1,1,1,2-Tetrachloroethane | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| 1,1,2,2-Tetrachloroethane | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| Tetrachloroethene | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| Toluene | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| 1,2,4-Trichlorobenzene | | <5.0 | | ug/L | 08/15/2001 | | 3487 | <5.0 | bmh | SW 8260A |
| 1,1,1-Trichloroethane | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| 1,1,2-Trichloroethane | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------------------------|-------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 699313 | SBI002:FB-1:W080901:412 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 17:15 |
| Trichloroethene | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| Trichlorofluoromethane | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| 1,2,3-Trichloropropane | | <5.0 | | ug/L | 08/15/2001 | | 3487 | <5.0 | bmh | SW 8260A |
| 1,2,4-Trimethylbenzene | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| Vinyl Acetate | | <5.0 | | ug/L | 08/15/2001 | | 3487 | <5.0 | bmh | SW 8260A |
| Vinyl Chloride | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| Xylenes | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| d4-1,2-Dichloroethane (surr) | 103 | | | % | 08/15/2001 | | 3487 | | bmh | SW 8260A |
| Dibromofluoromethane (surr) | 104 | | | % | 08/15/2001 | | 3487 | | bmh | SW 8260A |
| d8-Toluene (surr) | 95 | | | % | 08/15/2001 | | 3487 | | bmh | SW 8260A |
| Bromofluorobenzene (surr) | 102 | | | % | 08/15/2001 | | 3487 | | bmh | SW 8260A |
| BASE NEUTRAL COMP. (AQ) | 8270 | | | | | | | | | |
| Acenaphthene | | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| Acenaphthylene | | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| Anthracene | | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| Benzo (a) anthracene | | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| Benzo (b) fluoranthene | | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| Benzo (k) fluoranthene | | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| Benzo (a) pyrene | | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| Benzyl alcohol | | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| Benzyl butyl phthalate | | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| bis (2-Chloroethyl) ether | | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| bis (2-Chloroethoxy) methane | | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |

ANALYTICAL REPORT

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 Dublin, OH 43016

08/27/2001

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| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|------------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 699313 | SBI002:FB-1:W080901:412 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 17:15 |
| | bis(2-Ethylhexyl)phthalate | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | 2,2'-oxybis(1-Chloropropane) | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | 4-Bromophenyl phenyl ether | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | 4-Chloroaniline | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | 2-Chloronaphthalene | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | Chrysene | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | Dibenzo(a,h)anthracene | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | Dibenzofuran | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | 1,2-Dichlorobenzene | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | 1,3-Dichlorobenzene | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | 1,4-Dichlorobenzene | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | 3,3'-Dichlorobenzidine | <50 | | ug/L | 08/20/2001 | 1255 | 2658 | <50 | dmg | SW 8270C |
| | Diethyl phthalate | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | Dimethyl phthalate | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | 2,4-Dinitrotoluene | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | 2,6-Dinitrotoluene | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | Di-n-octylphthalate | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | Fluoranthene | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | Fluorene | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | Hexachlorobenzene | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | Hexachloro-1,3-butadiene | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | Hexachlorocyclopentadiene | <20 | | ug/L | 08/20/2001 | 1255 | 2658 | <20 | dmg | SW 8270C |
| | Hexachloroethane | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | Indeno(1,2,3-cd)pyrene | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| | Isophorone | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |

ANALYTICAL REPORT

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08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|-------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 699313 | SBI002:FB-1:W080901:412 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 17:15 |
| Naphthalene | | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| Nitrobenzene | | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| N-Nitrosodi-n-propylamine | | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| Phenanthrene | | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| Pyrene | | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| 1,2,4-Trichlorobenzene | | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| Surrogate: d5-Nitrobenzene | | 64 | | % | 08/20/2001 | 1255 | 2658 | | dmg | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 70 | | % | 08/20/2001 | 1255 | 2658 | | dmg | SW 8270C |
| Surrogate: d14-Terphenyl | | 71 | | % | 08/20/2001 | 1255 | 2658 | | dmg | SW 8270C |
| ACID COMPOUNDS (AQ) 8270 | | | | | | | | | | |
| Benzoic acid | | <50 | | ug/L | 08/20/2001 | 1255 | 2658 | <50 | dmg | SW 8270C |
| 4-Chloro-3-methylphenol | | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| 2-Chlorophenol | | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| 2,4-Dichlorophenol | | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| 2,4-Dimethylphenol | | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| 2-Methylphenol | | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| meta & para-Methylphenol | | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| 2-Nitrophenol | | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| Pentachlorophenol | | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| Phenol | | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| 2,4,5-Trichlorophenol | | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| 2,4,6-Trichlorophenol | | <10 | | ug/L | 08/20/2001 | 1255 | 2658 | <10 | dmg | SW 8270C |
| Surrogate: d6-Phenol | | 58 | | % | 08/20/2001 | 1255 | 2658 | | dmg | SW 8270C |

ANALYTICAL REPORT

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08/27/2001

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| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|---------------------------|-------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 699313 | SBI002:FB-1:W080901:412 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 17:15 |
| Surrogate: 2-Fluorophenol | | 55 | | % | 08/20/2001 | 1255 | 2658 | | dmg | SW 8270C |
| Surrogate: Tribromophenol | | 52 | | % | 08/20/2001 | 1255 | 2658 | | dmg | SW 8270C |
| PCB's M 8082. Aqueous | | | | | | | | | | |
| Aroclor 1016 | | <0.20 | | ug/L | 08/16/2001 | 55 | 101 | <0.20 | mrh | SW 8082 |
| Aroclor 1221 | | <0.20 | | ug/L | 08/16/2001 | 55 | 101 | <0.20 | mrh | SW 8082 |
| Aroclor 1232 | | <0.20 | | ug/L | 08/16/2001 | 55 | 101 | <0.20 | mrh | SW 8082 |
| Aroclor 1242 | | <0.20 | | ug/L | 08/16/2001 | 55 | 101 | <0.20 | mrh | SW 8082 |
| Aroclor 1248 | | <0.20 | | ug/L | 08/16/2001 | 55 | 101 | <0.20 | mrh | SW 8082 |
| Aroclor 1254 | | <0.20 | | ug/L | 08/16/2001 | 55 | 101 | <0.20 | mrh | SW 8082 |
| Aroclor 1260 | | <0.20 | | ug/L | 08/16/2001 | 55 | 101 | <0.20 | mrh | SW 8082 |
| Surrogate:DCB/TCX | | 86/54 | | % | 08/16/2001 | 55 | 101 | | mrh | SW 8082 |
| TPH - GRO (Aqueous) | | <1 | | mg/L | 08/14/2001 | | 79 | <1 | meb | SW 8015M |
| TPH - Method 418.1 (AQ) | | <0.2 | | mg/L | 08/16/2001 | 593 | 712 | <0.2 | 110 | EPA 418.1 |

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Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|--------------------------------|-------------------------|----------|------|-------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 699314 | SBI002:TB-1:W080901:412 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 17:15 |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | | Complete | | | 08/15/2001 | | 3487 | Complete | bmh | |
| Acetone | | <20.0 | | ug/L | 08/15/2001 | | 3487 | <20.0 | bmh | SW 8260A |
| Benzene | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| tert-Butylbenzene | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| sec-Butylbenzene | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| n-Butylbenzene | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| Bromochloromethane | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| Bromodichloromethane | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| Bromoform | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| Bromobenzene | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| 2-Butanone (MEK) | | <12.5 | | ug/L | 08/15/2001 | | 3487 | <12.5 | bmh | SW 8260A |
| Carbon disulfide | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| Carbon tetrachloride | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| Chlorobenzene | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| Chloroethane | | <5.0 | | ug/L | 08/15/2001 | | 3487 | <5.0 | bmh | SW 8260A |
| 2-Chlorotoluene | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| 4-Chlorotoluene | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| Chloroform | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| Chloromethane | | <5.0 | | ug/L | 08/15/2001 | | 3487 | <5.0 | bmh | SW 8260A |
| Dibromochloromethane | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| Dibromomethane | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| Dichlorodifluoromethane | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| 1,2-Dibromo-3-chloropropane | | <5.0 | | ug/L | 08/15/2001 | | 3487 | <5.0 | bmh | SW 8260A |
| 1,2-Dichlorobenzene | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |

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| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|-------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 699314 | SBI002:TB-1:W080901:412 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 17:15 |
| 1,3-Dichlorobenzene | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| 1,4-Dichlorobenzene | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| 1,1-Dichloroethane | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| 1,2-Dichloroethane | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| 1,1-Dichloroethene | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| cis-1,2-Dichloroethene | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| trans-1,2-Dichloroethene | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| 1,2-Dichloropropane | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| 1,3-Dichloropropane | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| 2,2-Dichloropropane | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| 1,1-Dichloropropene | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| cis-1,3-Dichloropropene | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| trans-1,3-Dichloropropene | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| Ethylbenzene | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| Hexachlorobutadiene | | <5.0 | | ug/L | 08/15/2001 | | 3487 | <5.0 | bmh | SW 8260A |
| n-Hexane | | <5.0 | | ug/L | 08/15/2001 | | 3487 | <5.0 | bmh | SW 8260A |
| 2-Hexanone | | <12.5 | | ug/L | 08/15/2001 | | 3487 | <12.5 | bmh | SW 8260A |
| Isopropylbenzene (Cumene) | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| p-Isopropyltoluene | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| Bromomethane | | <5.0 | | ug/L | 08/15/2001 | | 3487 | <5.0 | bmh | SW 8260A |
| Methylene Chloride | | <5.0 | | ug/L | 08/15/2001 | | 3487 | <5.0 | bmh | SW 8260A |
| Methyl t-butyl ether (MTBE) | | <5.0 | | ug/L | 08/15/2001 | | 3487 | <5.0 | bmh | SW 8260A |
| 4-Methyl-2-pentanone (MIBK) | | <12.5 | | ug/L | 08/15/2001 | | 3487 | <12.5 | bmh | SW 8260A |
| n-Propylbenzene | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |
| Styrene | | <1.0 | | ug/L | 08/15/2001 | | 3487 | <1.0 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/27/2001

Job Number: 01.14452

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------|------------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 699314 | SBI002:TB-1:W080901:412 | | | | | | | | | DATE/TIME TAKEN 08/09/2001 17:15 |
| | naphthalene | <5.0 | | ug/L | 08/15/2001 | 3487 | 3487 | <5.0 | bmh | SW 8260A |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 08/15/2001 | 3487 | 3487 | <1.0 | bmh | SW 8260A |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 08/15/2001 | 3487 | 3487 | <1.0 | bmh | SW 8260A |
| | Tetrachloroethene | <1.0 | | ug/L | 08/15/2001 | 3487 | 3487 | <1.0 | bmh | SW 8260A |
| | Toluene | <1.0 | | ug/L | 08/15/2001 | 3487 | 3487 | <1.0 | bmh | SW 8260A |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 08/15/2001 | 3487 | 3487 | <5.0 | bmh | SW 8260A |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 08/15/2001 | 3487 | 3487 | <1.0 | bmh | SW 8260A |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 08/15/2001 | 3487 | 3487 | <1.0 | bmh | SW 8260A |
| | Trichloroethene | <1.0 | | ug/L | 08/15/2001 | 3487 | 3487 | <1.0 | bmh | SW 8260A |
| | Trichlorofluoromethane | <1.0 | | ug/L | 08/15/2001 | 3487 | 3487 | <1.0 | bmh | SW 8260A |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 08/15/2001 | 3487 | 3487 | <5.0 | bmh | SW 8260A |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 08/15/2001 | 3487 | 3487 | <1.0 | bmh | SW 8260A |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 08/15/2001 | 3487 | 3487 | <1.0 | bmh | SW 8260A |
| | Vinyl Acetate | <5.0 | | ug/L | 08/15/2001 | 3487 | 3487 | <5.0 | bmh | SW 8260A |
| | Vinyl Chloride | <1.0 | | ug/L | 08/15/2001 | 3487 | 3487 | <1.0 | bmh | SW 8260A |
| | Xylenes | <1.0 | | ug/L | 08/15/2001 | 3487 | 3487 | <1.0 | bmh | SW 8260A |
| | d4-1,2-Dichloroethane (surr) | 104 | | % | 08/15/2001 | 3487 | 3487 | | bmh | SW 8260A |
| | Dibromofluoromethane (surr) | 104 | | % | 08/15/2001 | 3487 | 3487 | | bmh | SW 8260A |
| | d8-Toluene (surr) | 95 | | % | 08/15/2001 | 3487 | 3487 | | bmh | SW 8260A |
| | Bromofluorobenzene (surr) | 103 | | % | 08/15/2001 | 3487 | 3487 | | bmh | SW 8260A |

QUALITY CONTROL FLAG DEFINITIONS

Job Number: 01.14452

(*) Indicates an out-of-control QC. The analytical data was reported based on other supporting quality control information.

(Note) Indicates to review the notes and comments section of the analytical report as there is additional information concerning this analytical result.

(MS) Indicates that the Matrix Spike (MS) was out of statistical advisory limits.

(MSD) Indicates that the Matrix Spike Duplicate (MSD) was out of statistical advisory limits.

(RPD) Indicates that the Relative Percent Difference (RPD) for the MS/MSD pair was outside of statistical advisory limits.

(SS) Indicates that the MS and MSD were out of statistical advisory limits.

(SSR) Indicates that the MS, MSD and RPD were out of statistical advisory limits.

(MSR) Indicates that the MS and RPD were out of statistical advisory limits.

(MSDR) Indicates that the MSD and RPD were out of statistical advisory limits.

(DL) Indicates that the MS and MSD were diluted out and the percent recoveries of the spikes could not be calculated.

(LS) Indicates that statistical accuracy and precision data is not available for spike concentrations which are $< 1/4$ of the sample amount. Care should be used in interpreting this data.

(J) Indicates estimated concentration due to internal standard areas or surrogate recoveries outside of control limits. A sample matrix effect is usually indicated.

(DW) Indicates Dry Weight.

Analytical Reporting Limits

The reporting limits listed for non-aqueous samples in the analytical report section are Practical Quantitation Limits (PQLs). These PQLs are based upon a typical standard weight used for a non-aqueous sample. The reporting limit for a sample may be different from the PQL listed depending upon the actual weight of sample used, the samples moisture content and any dilutions used during the analysis.

NOTES AND COMMENTS

TestAmerica Job Number: 01.14452

Sample Number: 699304 (10X dilution)

Analysis: 8270 BNA

Due to elevated levels of non-target compounds, the d12-perylene internal standard was below the recommended response level. The result for benzo(b)fluoranthene should be considered an estimate.

Recovery of acid surrogate, 2,5,6-tribromophenol was below the recommended range.

Sample Number: 699310 (10X dilution)

Analysis: 8270 BNA

After an initial, undiluted analysis yielded severe, multiple internal standard and surrogate failures, and mass-spectral interferences, a ten fold dilution was performed. Data is reported from this analysis, with reporting limits elevated accordingly. The d12-perylene internal standard was below the recommended response levels for this analysis, also. Results for the following should be considered estimates:

- benzo(b)fluoranthene
- benzo(k)fluoranthene
- benzo(a)pyrene
- indeno(1,2,3-c,d)pyrene

The surrogates, 2-fluorobiphenyl and d14-p-terphenyl, were above the recommended % recovery criteria. The acid-fraction surrogates were diluted below their reporting limits.

Sample Number: 699311 (10X dilution)

Analysis: 8270 BNA

Due to elevated levels of non-target compounds, the d12-perylene internal standard was below the recommended response level. The result for benzo(b)fluoranthene should be considered an estimate.

Sample Number: 699305, 699303

Analysis: 8270 soils

Due to the nature of the sample matrix, recovery of internal standard, d12-Perylene was below the recommended 50-200% range. The results for benzo(b)fluoranthene and benzo(a)pyrene should be considered an estimate.

NOTES AND COMMENTS

TestAmerica Job Number: 01.14452

Analysis: 8082 Soil PCBs

Sample Numbers: 699309, 699310, 699311

The MB for these samples was accidentally spiked with the LCS spike instead of the surrogate spike. No Arochlor hits, above the reporting limits, were seen in the samples.

Sample Number: 699297, 699299, 699300

Analysis: 8270 soils

Recovery of d12-Perylene was below the recommended 50-200% range. However, no target analytes were detected above the reporting limit.

Sample Number: 699301, 699302, 699307, 699309

Analysis: 8270 soils

Due to the nature of the sample matrix, recovery of d12-Perylene was below the recommended 50-200% range. Results for benzo(b)fluoranthene, benzo(k)fluoranthene and benzo(a)pyrene should be considered estimates.

Sample Number: 699312

Analysis: 8270 soils

Due to the nature of the sample matrix, recovery of d12-Perylene was below the recommended 50-200% range. Recovery of surrogate d14-p-Terphenyl exceeded the recommended range of 18-137, mostly likely as a result of the low internal standard recovery. No detections above the reporting limits were noted.

Sample Number: 699304, 699306

Analysis: 8270 soils

Due to the nature of the sample matrix, recovery of d12-Perylene was below the recommended 50-200% range. Recovery of d14-p-Terphenyl exceeded the recommended range of 18-137%, most likely as a result of the low internal standard recovery. Results reported for benzo(b)fluoranthene, benzo(k)fluoranthene and benzo(a)pyrene should be considered estimates. For sample 699304, recovery of acid surrogate 2,4,6-Tribromophenol was below the recommended range of 19-122%.

NOTES AND COMMENTS

TestAmerica Job Number: 01.14452

Sample Number: 699311

Analysis: 8270 soils

Due to the nature of the sample matrix, recovery of d12-Perylene was below the recommended 50-200% range. Recovery of d14-p-Terphenyl exceeded the recommended range of 18-137%, most likely as a result of the low internal standard recovery. Results reported for benzo(b)fluoranthene, benzo(k)fluoranthene and benzo(a)pyrene should be considered estimates.

Sample Number: 699313

Analysis: PCB's 8082

The matrix spike duplicate associated with this prep batch was not surrogated. However, acceptable extraction recovery is confirmed by the spike recoveries.

1,14452

CHAIN OF CUSTODY RECORD



Hull & Associates, Inc.
 6130 Wilcox Road
 Dublin, Ohio 43016
 Phone: (614)385-8777
 Fax: (614)385-9070

Toledo
 3401 Glendale Avenue
 SUITE 300
 Toledo, Ohio 43614
 Phone: (419)385-2018
 Fax: (419)385-5489

Warrensville Heights
 4949 Galaxy Parkway, Suite S
 Warrensville Heights, Ohio 44128
 Phone: (216)514-7100
 Fax: (216)514-7104

REPORT TO: Kevin W. Dman

Client: South Bend
 Site: AREA A
 Project#: SB1002 Phase: 01.TST
 Samplers: M. Confare

SAMPLE TYPES
 A - AIR
 C - ASBESTOS
 D - SEDIMENT
 G - GROUNDWATER
 P - PRODUCT
 W - WATER
 Z - OTHERS
 All samples are kept at 4°C.

PRESERVATIVES
 A - Cool only, <4°C
 B - HNO₃ pH<2
 C - H₂SO₄ pH<2
 D - NaOH pH>12
 E - Zinc acetate + NaOH, pH>8
 F - Na₂S₂O₃ (0.008%)
 G - HCl pH<2

METALS
 M - NOT FILTERED
 N - BOTH

| PROJECT NO. | SAMPLE LOCATION | SAMPLE TYPE | SAMPLER ID | NO. OF METALS CONT. | SAMPLING DATE/TIME | ANALYSES | COMMENTS |
|-------------|-----------------|-------------|------------|---------------------|--------------------|---|-------------|
| SB1002 | GB-14 | S015025 | 412 | 1 | 8-8-01 1520 | Metals - ZPPA VOCs - 8270 TPH G20 | |
| SB1002 | GB-5 | S015025 | 412 | 1 | 8-8-01 1545 | | |
| SB1002 | SB-5 | S000015 | 412 | 4 | 8-8-01 1145 | | |
| SB1002 | GB-8 | S000015 | 412 | 3 | 8-8-01 1055 | | |
| SB1002 | GB-13 | S010020 | 412 | 2 | 8-8-01 1030 | | MATEX SPIKE |
| SB1002 | GB-3 | S005020 | 412 | 17 | 8-8-01 955 | | |
| SB1002 | GB-3D | S005020 | 412 | 1 | 8-8-01 955 | | |
| SB1002 | GB-32 | S000015 | 412 | 1 | 8-8-01 915 | | |
| SB1002 | GB-19 | S000010 | 412 | 1 | 8-8-01 805 | | |
| SB1002 | GB-1 | S000010 | 412 | 1 | 8-9-01 805 | | |
| SB1002 | GB-1D | S000010 | 412 | 1 | 8-9-01 805 | | |
| SB1002 | GB-2 | S010015 | 412 | 1 | 8-9-01 845 | | |

RELINQUISHED BY: Michael Confare DATE: 9-9-01 TIME: 1130
 RECEIVED BY: FED CX DATE: 8-10-01 TIME: 9-30

RELINQUISHED BY: DATE: TIME:
 RECEIVED BY: DATE: TIME:

RELINQUISHED BY: DATE: TIME:
 RECEIVED FOR LAB BY: DATE: TIME:

COOLER TEMPERATURE AS RECEIVED °C: _____

DISTRIBUTION: _____
 WHITE - LAB USE (MUST BE RETURNED WITH REPORT)
 YELLOW - LAB USE
 PINK - RETAINED BY US

TURN AROUND TIME: STD DAYS

Deliver To: Samples RECEIVING
 Method of Delivery: FED EX
 Airbill Number: 926265968028

NOTES: _____

1.14452

CHAIN OF CUSTODY RECORD

NO. 5324

1.14452

Hull & Associates, Inc.

Dublin
6130 Wilcox Road
Dublin, Ohio 43016
Phone: (614)385-8777
FAX: (614)385-9070

Toledo
3401 Glendale Avenue
SUITE 300
Toledo, Ohio 43614
Phone: (419)385-2018
FAX: (419)385-5489

Warrensville Heights
4949 Galaxy Parkway, Suite S
Warrensville Heights, Ohio 44128
Phone: (216)514-7100
FAX: (216)514-7104

REPORT TO: Kevin W. Homan

Client: South Bend
Site: Area A
Project#: SB1002 Phase: DI-TST
Samplers: M. Coor-FARE

| PROJECT NO. | SAMPLE LOCATION | SAMPLE TYPE | SAMPLER ID | NO. OF METALS CONT. | SAMPLING DATE/TIME | PRESERVATIVES | | METALS | | COMMENTS |
|-------------|-----------------|-------------|------------|---------------------|--------------------|---------------|-------|----------|---------------|--------------|
| | | | | | | AIR | WATER | ANALYSES | PRESERVATIVES | |
| SB1002 | GB-9 | S000020 | 412 | 2 | 8-9-01 906 | ✓ | ✓ | ✓ | ✓ | Metals (202) |
| SB1002 | GB-10 | S000020 | 412 | 2 | 8-9-01 945 | ✓ | ✓ | ✓ | ✓ | Metals (202) |
| SB1002 | GB-12 | S000020 | 412 | 4 | 8-9-01 1010 | ✓ | ✓ | ✓ | ✓ | Metals (202) |
| SB1002 | Hmw265 | S045025 | 412 | 3 | 8-9-01 1140 | ✓ | ✓ | ✓ | ✓ | Metals (202) |
| SB1002 | FB-1 | W080901 | 412 | 2 | 8-9-01 1715 | ✓ | ✓ | ✓ | ✓ | Metals (202) |
| SB1002 | TB-1 | W070901 | 412 | 3 | 8-9-01 | ✓ | ✓ | ✓ | ✓ | Metals (202) |

| | | | | | |
|---------------------------------|---------------------|-------------------|----------------------------|---------------------|-------------------|
| RELINQUISHED BY: <u>Mohamud</u> | DATE: <u>8-9-01</u> | TIME: <u>1600</u> | RECEIVED BY: <u>FED EX</u> | DATE: <u>8-9-01</u> | TIME: <u>1830</u> |
| RELINQUISHED BY: | DATE: | TIME: | RECEIVED BY: | DATE: | TIME: |
| RELINQUISHED BY: | DATE: | TIME: | RECEIVED BY: | DATE: | TIME: |

COOLER TEMPERATURE AS RECEIVED: 4 °C

DISTRIBUTION: 4

WHITE - LAB USE (MUST BE RETURNED WITH REPORT)
YELLOW - LAB USE (RETAINED BY LAB)
PINK - RETAINED BY LAB

Deliver To: SAMPLE RECEIVING

Method of Delivery: FED EX

Airbill Number: 926265968026

NOTES:

TURN AROUND TIME: STD DAYS

)

)

)

SBS002

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/30/2001

Job Number: 01.14950


Enclosed is the analytical report for the following samples submitted to the Dayton Division of TestAmerica, Inc. for analysis:

| <u>Sample Number</u> | <u>Sample Description</u> | <u>Date Taken</u> | <u>Date Received</u> |
|----------------------|---------------------------|-------------------|----------------------|
| 700809 | SBI002:HMW13D:S005020:428 | 08/14/2001 | 08/17/2001 |
| 700810 | SBI002:HMW35S:S000020:428 | 08/16/2001 | 08/17/2001 |
| 700811 | SBI002:HMW35SD:S02020:428 | 08/16/2001 | 08/17/2001 |
| 700812 | SBI002:FB1:W081601:428 | 08/16/2001 | 08/17/2001 |
| 700813 | SBI002:TB1:W081601:428 | 08/16/2001 | 08/17/2001 |

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Reproduction of this analytical report is permitted only in its entirety.

Enclosure


Approved By

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/30/2001

Job Number: 01.14950

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Limit | Initials | Method Reference |
|--------------------------------|---------------------------|----------|------|-------|------------|-------|-------|-----------|---------|-------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | | Number | | | |
| 700809 | SBI002:HMW13D:S005020:428 | | | | | | | | | | | DATE/TIME TAKEN 08/14/2001 12:50 |
| Dry Weight | 89.3 | % | | | 08/23/2001 | | 1483 | | mhg | | | SM 2540 G. |
| ICP NONAQUEOUS | Complete | | | | 08/23/2001 | | 1245 | Complete | emd | | | SW 6010B |
| Arsenic, ICP | 5.21 | mg/kg dw | | | 08/23/2001 | 907 | 2975 | <3.7 | emd | | | SW 6010B |
| Barium, ICP | 156 | mg/kg dw | | | 08/23/2001 | 907 | 2906 | <0.74 | emd | | | SW 6010B |
| Cadmium, ICP | <1.1 | mg/kg dw | | | 08/23/2001 | 907 | 2888 | <1.1 | emd | | | SW 6010B |
| Chromium, ICP | 5.02 | mg/kg dw | | | 08/23/2001 | 907 | 2876 | <1.5 | emd | | | SW 6010B |
| Lead, ICP | 230 | mg/kg dw | | | 08/23/2001 | 907 | 2877 | <3.0 | emd | | | SW 6010B |
| Mercury, CVAA | 0.121 | mg/kg dw | | | 08/24/2001 | 613 | 631 | <0.009 | epk | | | SW 7471A |
| Selenium, ICP | <3.7 | mg/kg dw | | | 08/23/2001 | 907 | 2955 | <3.7 | emd | | | SW 6010B |
| Silver, ICP | <1.5 | mg/kg dw | | | 08/23/2001 | 907 | 2908 | <1.5 | emd | | | SW 6010B |
| ICP Digestion, Nonaqueous | Complete | | | | 08/22/2001 | 907 | | Complete | nrt | | | SW 3050B |
| Mercury Digestion, Non-Aq | Complete | | | | 08/24/2001 | 613 | | Complete | clm | | | SW 7471A |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | Complete | | | | 08/19/2001 | | 1473 | Complete | bmh | | | |
| Acetone | <112 | ug/kg dw | | | 08/19/2001 | | 1473 | <112 | bmh | | | SW 8260A |
| Benzene | <5.6 | ug/kg dw | | | 08/19/2001 | | 1473 | <5.6 | bmh | | | SW 8260A |
| tert-Butylbenzene | <5.6 | ug/kg dw | | | 08/19/2001 | | 1473 | <5.6 | bmh | | | SW 8260A |
| sec-Butylbenzene | <5.6 | ug/kg dw | | | 08/19/2001 | | 1473 | <5.6 | bmh | | | SW 8260A |
| n-Butylbenzene | <5.6 | ug/kg dw | | | 08/19/2001 | | 1473 | <5.6 | bmh | | | SW 8260A |
| Bromochloromethane | <5.6 | ug/kg dw | | | 08/19/2001 | | 1473 | <5.6 | bmh | | | SW 8260A |
| Bromodichloromethane | <5.6 | ug/kg dw | | | 08/19/2001 | | 1473 | <5.6 | bmh | | | SW 8260A |
| Bromoform | <5.6 | ug/kg dw | | | 08/19/2001 | | 1473 | <5.6 | bmh | | | SW 8260A |
| Bromobenzene | <5.6 | ug/kg dw | | | 08/19/2001 | | 1473 | <5.6 | bmh | | | SW 8260A |
| 2-Butanone (MEK) | <56 | ug/kg dw | | | 08/19/2001 | | 1473 | <56 | bmh | | | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/30/2001

Job Number: 01.14950

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------|-----------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 700809 | SBI002:HMW13D:S005020:428 | | | | | | | | | DATE/TIME TAKEN 08/14/2001 12:50 |
| | Carbon disulfide | <5.6 | | ug/kg dw | 08/19/2001 | 1473 | | <5.6 | bmh | SW 8260A |
| | Carbon tetrachloride | <5.6 | | ug/kg dw | 08/19/2001 | 1473 | | <5.6 | bmh | SW 8260A |
| | Chlorobenzene | <5.6 | | ug/kg dw | 08/19/2001 | 1473 | | <5.6 | bmh | SW 8260A |
| | Chloroethane | <11.2 | | ug/kg dw | 08/19/2001 | 1473 | | <11.2 | bmh | SW 8260A |
| | 2-Chlorotoluene | <5.6 | | ug/kg dw | 08/19/2001 | 1473 | | <5.6 | bmh | SW 8260A |
| | 4-Chlorotoluene | <5.6 | | ug/kg dw | 08/19/2001 | 1473 | | <5.6 | bmh | SW 8260A |
| | Chloroform | <5.6 | | ug/kg dw | 08/19/2001 | 1473 | | <5.6 | bmh | SW 8260A |
| | Chloromethane | <11.2 | | ug/kg dw | 08/19/2001 | 1473 | | <11.2 | bmh | SW 8260A |
| | Dibromochloromethane | <5.6 | | ug/kg dw | 08/19/2001 | 1473 | | <5.6 | bmh | SW 8260A |
| | Dibromomethane | <5.6 | | ug/kg dw | 08/19/2001 | 1473 | | <5.6 | bmh | SW 8260A |
| | Dichlorodifluoromethane | <5.6 | | ug/kg dw | 08/19/2001 | 1473 | | <5.6 | bmh | SW 8260A |
| | 1,2-Dibromo-3-chloropropane | <5.6 | | ug/kg dw | 08/19/2001 | 1473 | | <5.6 | bmh | SW 8260A |
| | 1,2-Dichlorobenzene | <5.6 | | ug/kg dw | 08/19/2001 | 1473 | | <5.6 | bmh | SW 8260A |
| | 1,3-Dichlorobenzene | <5.6 | | ug/kg dw | 08/19/2001 | 1473 | | <5.6 | bmh | SW 8260A |
| | 1,4-Dichlorobenzene | <5.6 | | ug/kg dw | 08/19/2001 | 1473 | | <5.6 | bmh | SW 8260A |
| | 1,1-Dichloroethane | <5.6 | | ug/kg dw | 08/19/2001 | 1473 | | <5.6 | bmh | SW 8260A |
| | 1,2-Dichloroethane | <5.6 | | ug/kg dw | 08/19/2001 | 1473 | | <5.6 | bmh | SW 8260A |
| | 1,1-Dichloroethene | <5.6 | | ug/kg dw | 08/19/2001 | 1473 | | <5.6 | bmh | SW 8260A |
| | cis-1,2-Dichloroethene | <5.6 | | ug/kg dw | 08/19/2001 | 1473 | | <5.6 | bmh | SW 8260A |
| | trans-1,2-Dichloroethene | <5.6 | | ug/kg dw | 08/19/2001 | 1473 | | <5.6 | bmh | SW 8260A |
| | 1,2-Dichloropropane | <5.6 | | ug/kg dw | 08/19/2001 | 1473 | | <5.6 | bmh | SW 8260A |
| | 1,3-Dichloropropane | <5.6 | | ug/kg dw | 08/19/2001 | 1473 | | <5.6 | bmh | SW 8260A |
| | 2,2-Dichloropropane | <5.6 | | ug/kg dw | 08/19/2001 | 1473 | | <5.6 | bmh | SW 8260A |
| | 1,1-Dichloropropene | <5.6 | | ug/kg dw | 08/19/2001 | 1473 | | <5.6 | bmh | SW 8260A |
| | cis-1,3-Dichloropropene | <5.6 | | ug/kg dw | 08/19/2001 | 1473 | | <5.6 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/30/2001

Job Number: 01.14950

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|----------|------------|-------|-------|-----------|---------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | | Limit | |
| 700809 | SBI002:HMW13D:S005020:428 | | | | | | | | | DATE/TIME TAKEN 08/14/2001 12:50 |
| | trans-1,3-Dichloropropene | <5.6 | | ug/kg dw | 08/19/2001 | | 1473 | <5.6 | bmh | SW 8260A |
| | Ethylbenzene | <5.6 | | ug/kg dw | 08/19/2001 | | 1473 | <5.6 | bmh | SW 8260A |
| | Hexachlorobutadiene | <5.6 | | ug/kg dw | 08/19/2001 | | 1473 | <5.6 | bmh | SW 8260A |
| | n-Hexane | <22.4 | | ug/kg dw | 08/19/2001 | | 1473 | <22.4 | bmh | SW 8260A |
| | 2-Hexanone | <56.0 | | ug/kg dw | 08/19/2001 | | 1473 | <56.0 | bmh | SW 8260A |
| | Isopropylbenzene (Cumene) | <5.6 | | ug/kg dw | 08/19/2001 | | 1473 | <5.6 | bmh | SW 8260A |
| | p-Isopropyltoluene | <5.6 | | ug/kg dw | 08/19/2001 | | 1473 | <5.6 | bmh | SW 8260A |
| | Bromomethane | <11.2 | | ug/kg dw | 08/19/2001 | | 1473 | <11.2 | bmh | SW 8260A |
| | Methylene Chloride | <11.2 | | ug/kg dw | 08/19/2001 | | 1473 | <11.2 | bmh | SW 8260A |
| | Methyl t-butyl ether (MTBE) | <5.6 | | ug/kg dw | 08/19/2001 | | 1473 | <5.6 | bmh | SW 8260A |
| | 4-Methyl-2-pentanone (MIBK) | <56.0 | | ug/kg dw | 08/19/2001 | | 1473 | <56.0 | bmh | SW 8260A |
| | n-Propylbenzene | <5.6 | | ug/kg dw | 08/19/2001 | | 1473 | <5.6 | bmh | SW 8260A |
| | Styrene | <5.6 | | ug/kg dw | 08/19/2001 | | 1473 | <5.6 | bmh | SW 8260A |
| | Naphthalene | <5.6 | | ug/kg dw | 08/19/2001 | | 1473 | <5.6 | bmh | SW 8260A |
| | 1,1,1,2-Tetrachloroethane | <5.6 | | ug/kg dw | 08/19/2001 | | 1473 | <5.6 | bmh | SW 8260A |
| | 1,1,2,2-Tetrachloroethane | <5.6 | | ug/kg dw | 08/19/2001 | | 1473 | <5.6 | bmh | SW 8260A |
| | Tetrachloroethene | 65.6 | | ug/kg dw | 08/19/2001 | | 1473 | <5.6 | bmh | SW 8260A |
| | Toluene | <5.6 | | ug/kg dw | 08/19/2001 | | 1473 | <5.6 | bmh | SW 8260A |
| | 1,2,4-Trichlorobenzene | <5.6 | | ug/kg dw | 08/19/2001 | | 1473 | <5.6 | bmh | SW 8260A |
| | 1,1,1-Trichloroethane | <5.6 | | ug/kg dw | 08/19/2001 | | 1473 | <5.6 | bmh | SW 8260A |
| | 1,1,2-Trichloroethane | <5.6 | | ug/kg dw | 08/19/2001 | | 1473 | <5.6 | bmh | SW 8260A |
| | Trichloroethene | <5.6 | | ug/kg dw | 08/19/2001 | | 1473 | <5.6 | bmh | SW 8260A |
| | Trichlorofluoromethane | <5.6 | | ug/kg dw | 08/19/2001 | | 1473 | <5.6 | bmh | SW 8260A |
| | 1,2,3-Trichloropropane | <5.6 | | ug/kg dw | 08/19/2001 | | 1473 | <5.6 | bmh | SW 8260A |
| | 1,2,4-Trimethylbenzene | <5.6 | | ug/kg dw | 08/19/2001 | | 1473 | <5.6 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/30/2001

Job Number: 01.14950

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|------------|------------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 700809 | SBI002:HMW13D:S005020:428 | | | | | | | | | | 08/14/2001 12:50 |
| | 1,3,5-Trimethylbenzene | <5.6 | | ug/kg dw | 08/19/2001 | | 1473 | <5.6 | bmh | SW 8260A | |
| | Vinyl Acetate | <5.6 | | ug/kg dw | 08/19/2001 | | 1473 | <5.6 | bmh | SW 8260A | |
| | Vinyl Chloride | <2.2 | | ug/kg dw | 08/19/2001 | | 1473 | <2.2 | bmh | SW 8260A | |
| | Xylenes, Total | 7.1 | | ug/kg dw | 08/19/2001 | | 1473 | <5.6 | bmh | SW 8260A | |
| | d4-1,2-Dichloroethane (surr) | 90 | | % | 08/19/2001 | | 1473 | | bmh | SW 8260A | |
| | Dibromofluoromethane (surr) | 67 | Note | % | 08/19/2001 | | 1473 | | bmh | SW 8260A | |
| | d8-Toluene (surr) | 113 | | % | 08/19/2001 | | 1473 | | bmh | SW 8260A | |
| | Bromofluorobenzene (surr) | 119 | | % | 08/19/2001 | | 1473 | | bmh | SW 8260A | |
| 700810 | SBI002:HMW35S:S000020:428 | | | | | | | | | | 08/16/2001 11:45 |

| | | | | | | | | | | |
|----------------|----------|--|----------|--|------------|-----|------|----------|-----|------------|
| Dry Weight | 93.3 | | % | | 08/23/2001 | | 1483 | | nhg | SM 2540 G. |
| ICP NONAQUEOUS | Complete | | | | 08/23/2001 | | 1245 | Complete | emd | SW 6010B |
| Arsenic, ICP | <7.0 | | mg/kg dw | | 08/23/2001 | 907 | 2975 | <0.11 | emd | SW 6010B |
| Barium, ICP | 56.8 | | mg/kg dw | | 08/23/2001 | 907 | 2906 | <0.70 | emd | SW 6010B |
| Cadmium, ICP | <1.1 | | mg/kg dw | | 08/23/2001 | 907 | 2888 | <1.1 | emd | SW 6010B |
| Chromium, ICP | 6.72 | | mg/kg dw | | 08/23/2001 | 907 | 2876 | <1.4 | emd | SW 6010B |
| Lead, ICP | 75.9 | | mg/kg dw | | 08/23/2001 | 907 | 2877 | <2.8 | emd | SW 6010B |
| Mercury, CVAA | 0.411 | | mg/kg dw | | 08/24/2001 | 613 | 631 | <0.009 | epk | SW 7471A |
| Selenium, ICP | <3.4 | | mg/kg dw | | 08/23/2001 | 907 | 2955 | <3.4 | emd | SW 6010B |
| Silver, ICP | <1.4 | | mg/kg dw | | 08/23/2001 | 907 | 2908 | <1.4 | emd | SW 6010B |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/30/2001

Job Number: 01.14950

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Limit | Initials | Method Reference |
|--------------------------------|---------------------------|--------|------|-------|------------|-------|-------|-----------|---------|-------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | | Number | | | |
| 700810 | SBI002:HMW35S:S000020:428 | | | | | | | | | | | DATE/TIME TAKEN 08/16/2001 11:45 |
| ICP Digestion, Nonaqueous | Complete | | | | 08/22/2001 | 907 | | Complete | mrt | | | SW 3050B |
| Mercury Digestion, Non-Aq | Complete | | | | 08/24/2001 | 613 | | Complete | clm | | | SW 7471A |
| Prep, BNA Non-Aq | Complete | | | | 08/21/2001 | 952 | | Complete | rec | | | EPA 625; SW 3540C; SW 3545 |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | Complete | | | | 08/19/2001 | 1473 | | Complete | bmh | | | |
| Acetone | <107 | ug/kg | dw | | 08/19/2001 | 1473 | | <107 | bmh | | | SW 8260A |
| Benzene | <5.4 | ug/kg | dw | | 08/19/2001 | 1473 | | <5.4 | bmh | | | SW 8260A |
| tert-Butylbenzene | <5.4 | ug/kg | dw | | 08/19/2001 | 1473 | | <5.4 | bmh | | | SW 8260A |
| sec-Butylbenzene | <5.4 | ug/kg | dw | | 08/19/2001 | 1473 | | <5.4 | bmh | | | SW 8260A |
| n-Butylbenzene | <5.4 | ug/kg | dw | | 08/19/2001 | 1473 | | <5.4 | bmh | | | SW 8260A |
| Bromochloromethane | <5.4 | ug/kg | dw | | 08/19/2001 | 1473 | | <5.4 | bmh | | | SW 8260A |
| Bromodichloromethane | <5.4 | ug/kg | dw | | 08/19/2001 | 1473 | | <5.4 | bmh | | | SW 8260A |
| Bromoform | <5.4 | ug/kg | dw | | 08/19/2001 | 1473 | | <5.4 | bmh | | | SW 8260A |
| Bromobenzene | <5.4 | ug/kg | dw | | 08/19/2001 | 1473 | | <5.4 | bmh | | | SW 8260A |
| 2-Butanone (MEK) | <5.4 | ug/kg | dw | | 08/19/2001 | 1473 | | <5.4 | bmh | | | SW 8260A |
| Carbon disulfide | <5.4 | ug/kg | dw | | 08/19/2001 | 1473 | | <5.4 | bmh | | | SW 8260A |
| Carbon tetrachloride | <5.4 | ug/kg | dw | | 08/19/2001 | 1473 | | <5.4 | bmh | | | SW 8260A |
| Chlorobenzene | <5.4 | ug/kg | dw | | 08/19/2001 | 1473 | | <5.4 | bmh | | | SW 8260A |
| Chloroethane | <10.7 | ug/kg | dw | | 08/19/2001 | 1473 | | <10.7 | bmh | | | SW 8260A |
| 2-Chlorotoluene | <5.4 | ug/kg | dw | | 08/19/2001 | 1473 | | <5.4 | bmh | | | SW 8260A |
| 4-Chlorotoluene | <5.4 | ug/kg | dw | | 08/19/2001 | 1473 | | <5.4 | bmh | | | SW 8260A |
| Chloroform | <5.4 | ug/kg | dw | | 08/19/2001 | 1473 | | <5.4 | bmh | | | SW 8260A |
| Chloromethane | <10.7 | ug/kg | dw | | 08/19/2001 | 1473 | | <10.7 | bmh | | | SW 8260A |
| Dibromochloromethane | <5.4 | ug/kg | dw | | 08/19/2001 | 1473 | | <5.4 | bmh | | | SW 8260A |

ANALYTICAL REPORT

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 6130 Wilcox Rd.
 Dublin, OH 43016

08/30/2001

Job Number: 01.14950

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------|-----------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 700810 | SBI002:HMW35S:S000020:428 | | | | | | | | | DATE/TIME TAKEN 08/16/2001 11:45 |
| | Bromomethane | <5.4 | | ug/kg dw | 08/19/2001 | 1473 | | <5.4 | bmh | SW 8260A |
| | Dichlorodifluoromethane | <5.4 | | ug/kg dw | 08/19/2001 | 1473 | | <5.4 | bmh | SW 8260A |
| | 1,2-Dibromo-3-chloropropane | <5.4 | | ug/kg dw | 08/19/2001 | 1473 | | <5.4 | bmh | SW 8260A |
| | 1,2-Dichlorobenzene | <5.4 | | ug/kg dw | 08/19/2001 | 1473 | | <5.4 | bmh | SW 8260A |
| | 1,3-Dichlorobenzene | <5.4 | | ug/kg dw | 08/19/2001 | 1473 | | <5.4 | bmh | SW 8260A |
| | 1,4-Dichlorobenzene | <5.4 | | ug/kg dw | 08/19/2001 | 1473 | | <5.4 | bmh | SW 8260A |
| | 1,1-Dichloroethane | <5.4 | | ug/kg dw | 08/19/2001 | 1473 | | <5.4 | bmh | SW 8260A |
| | 1,2-Dichloroethane | <5.4 | | ug/kg dw | 08/19/2001 | 1473 | | <5.4 | bmh | SW 8260A |
| | 1,1-Dichloroethene | <5.4 | | ug/kg dw | 08/19/2001 | 1473 | | <5.4 | bmh | SW 8260A |
| | cis-1,2-Dichloroethene | <5.4 | | ug/kg dw | 08/19/2001 | 1473 | | <5.4 | bmh | SW 8260A |
| | trans-1,2-Dichloroethene | <5.4 | | ug/kg dw | 08/19/2001 | 1473 | | <5.4 | bmh | SW 8260A |
| | 1,2-Dichloropropane | <5.4 | | ug/kg dw | 08/19/2001 | 1473 | | <5.4 | bmh | SW 8260A |
| | 1,3-Dichloropropane | <5.4 | | ug/kg dw | 08/19/2001 | 1473 | | <5.4 | bmh | SW 8260A |
| | 2,2-Dichloropropane | <5.4 | | ug/kg dw | 08/19/2001 | 1473 | | <5.4 | bmh | SW 8260A |
| | 1,1-Dichloropropene | <5.4 | | ug/kg dw | 08/19/2001 | 1473 | | <5.4 | bmh | SW 8260A |
| | cis-1,3-Dichloropropene | <5.4 | | ug/kg dw | 08/19/2001 | 1473 | | <5.4 | bmh | SW 8260A |
| | trans-1,3-Dichloropropene | <5.4 | | ug/kg dw | 08/19/2001 | 1473 | | <5.4 | bmh | SW 8260A |
| | Ethylbenzene | <5.4 | | ug/kg dw | 08/19/2001 | 1473 | | <5.4 | bmh | SW 8260A |
| | Hexachlorobutadiene | <5.4 | | ug/kg dw | 08/19/2001 | 1473 | | <5.4 | bmh | SW 8260A |
| | n-Hexane | <21.4 | | ug/kg dw | 08/19/2001 | 1473 | | <21.4 | bmh | SW 8260A |
| | 2-Hexanone | <53.6 | | ug/kg dw | 08/19/2001 | 1473 | | <53.6 | bmh | SW 8260A |
| | Isopropylbenzene (Cumene) | <5.4 | | ug/kg dw | 08/19/2001 | 1473 | | <5.4 | bmh | SW 8260A |
| | p-Isopropyltoluene | <5.4 | | ug/kg dw | 08/19/2001 | 1473 | | <5.4 | bmh | SW 8260A |
| | Bromomethane | <10.7 | | ug/kg dw | 08/19/2001 | 1473 | | <10.7 | bmh | SW 8260A |
| | Methylene Chloride | <10.7 | | ug/kg dw | 08/19/2001 | 1473 | | <10.7 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/30/2001

Job Number: 01.14950

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|------------------------------|---------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 700810 | SBI002:HMW35S:S000020:428 | | | | | | | | | | 08/16/2001 11:45 |
| Methyl t-butyl ether (MTBE) | | <5.4 | | ug/kg dw | 08/19/2001 | | 1473 | <5.4 | bmh | SW 8260A | |
| 4-Methyl-2-pentanone (MIBK) | | <53.6 | | ug/kg dw | 08/19/2001 | | 1473 | <53.6 | bmh | SW 8260A | |
| n-Propylbenzene | | <5.4 | | ug/kg dw | 08/19/2001 | | 1473 | <5.4 | bmh | SW 8260A | |
| Styrene | | <5.4 | | ug/kg dw | 08/19/2001 | | 1473 | <5.4 | bmh | SW 8260A | |
| Naphthalene | | <5.4 | | ug/kg dw | 08/19/2001 | | 1473 | <5.4 | bmh | SW 8260A | |
| 1,1,1,2-Tetrachloroethane | | <5.4 | | ug/kg dw | 08/19/2001 | | 1473 | <5.4 | bmh | SW 8260A | |
| 1,1,2,2-Tetrachloroethane | | <5.4 | | ug/kg dw | 08/19/2001 | | 1473 | <5.4 | bmh | SW 8260A | |
| Tetrachloroethene | | <5.4 | | ug/kg dw | 08/19/2001 | | 1473 | <5.4 | bmh | SW 8260A | |
| Toluene | | <5.4 | | ug/kg dw | 08/19/2001 | | 1473 | <5.4 | bmh | SW 8260A | |
| 1,2,4-Trichlorobenzene | | <5.4 | | ug/kg dw | 08/19/2001 | | 1473 | <5.4 | bmh | SW 8260A | |
| 1,1,1-Trichloroethane | | <5.4 | | ug/kg dw | 08/19/2001 | | 1473 | <5.4 | bmh | SW 8260A | |
| 1,1,2-Trichloroethane | | <5.4 | | ug/kg dw | 08/19/2001 | | 1473 | <5.4 | bmh | SW 8260A | |
| Trichloroethene | | <5.4 | | ug/kg dw | 08/19/2001 | | 1473 | <5.4 | bmh | SW 8260A | |
| Trichlorofluoromethane | | <5.4 | | ug/kg dw | 08/19/2001 | | 1473 | <5.4 | bmh | SW 8260A | |
| 1,2,3-Trichloropropane | | <5.4 | | ug/kg dw | 08/19/2001 | | 1473 | <5.4 | bmh | SW 8260A | |
| 1,2,4-Trimethylbenzene | | <5.4 | | ug/kg dw | 08/19/2001 | | 1473 | <5.4 | bmh | SW 8260A | |
| 1,3,5-Trimethylbenzene | | <5.4 | | ug/kg dw | 08/19/2001 | | 1473 | <5.4 | bmh | SW 8260A | |
| Vinyl Acetate | | <5.4 | | ug/kg dw | 08/19/2001 | | 1473 | <5.4 | bmh | SW 8260A | |
| Vinyl Chloride | | <2.1 | | ug/kg dw | 08/19/2001 | | 1473 | <2.1 | bmh | SW 8260A | |
| Xylenes, Total | | <5.4 | | ug/kg dw | 08/19/2001 | | 1473 | <5.4 | bmh | SW 8260A | |
| d4-1,2-Dichloroethane (surr) | | 85 | | % | 08/19/2001 | | 1473 | | bmh | SW 8260A | |
| Dibromofluoromethane (surr) | | 92 | | % | 08/19/2001 | | 1473 | | bmh | SW 8260A | |
| d8-Toluene (surr) | | 102 | | % | 08/19/2001 | | 1473 | | bmh | SW 8260A | |
| Bromofluorobenzene (surr) | | 97 | | % | 08/19/2001 | | 1473 | | bmh | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/30/2001

Job Number: 01.14950

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------------------------|---------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 700810 | SBI002:HMW35S:S000020:428 | | | | | | | | | |
| SE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| Acenaphthene | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrjw | SW 8270C |
| Acenaphthylene | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrjw | SW 8270C |
| Anthracene | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrjw | SW 8270C |
| Benzo(a)anthracene | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrjw | SW 8270C |
| Benzo(b)fluoranthene | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrjw | SW 8270C |
| Benzo(k)fluoranthene | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrjw | SW 8270C |
| Benzo(a)pyrene | | <177 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <177 | jrjw | SW 8270C |
| Benzyl alcohol | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrjw | SW 8270C |
| Benzyl butyl phthalate | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrjw | SW 8270C |
| Bis(2-chloroethyl)ether | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrjw | SW 8270C |
| Bis(2-chloroethoxy)methane | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrjw | SW 8270C |
| Bis(2-ethylhexyl)phthalate | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrjw | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrjw | SW 8270C |
| 4-Bromophenyl phenyl ether | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrjw | SW 8270C |
| 4-Chloroaniline | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrjw | SW 8270C |
| 2-Chloronaphthalene | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrjw | SW 8270C |
| Chrysene | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrjw | SW 8270C |
| Dibenzo(a,h)anthracene | | <177 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <177 | jrjw | SW 8270C |
| Dibenzofuran | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrjw | SW 8270C |
| 1,2-Dichlorobenzene | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrjw | SW 8270C |
| 1,3-Dichlorobenzene | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrjw | SW 8270C |
| 1,4-Dichlorobenzene | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrjw | SW 8270C |
| 3,3'-Dichlorobenzidine | | <707 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <707 | jrjw | SW 8270C |
| Diethyl phthalate | | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrjw | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/30/2001

Job Number: 01.14950

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------|----------------------------|----------|------|----------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 700810 | SBI002:HMW35S:S000020:428 | | | | | | | | | DATE/TIME TAKEN 08/16/2001 11:45 |
| | Chlorophenol | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| | 2,4-Dichlorophenol | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| | 2,4-Dimethylphenol | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| | 2-Methyl-4,6-dinitrophenol | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| | 2-Methylphenol | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| | meta & para-Methylphenol | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| | 2-Nitrophenol | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| | Pentachlorophenol | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| | Phenol | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| | 2,4,5-Trichlorophenol | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| | 2,4,6-Trichlorophenol | <354 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <354 | jrw | SW 8270C |
| | Surrogate: d6-Phenol | 73 | | % | 08/24/2001 | 952 | 1473 | | jrw | SW 8270C |
| | Surrogate: 2-Fluorophenol | 64 | | % | 08/24/2001 | 952 | 1473 | | jrw | SW 8270C |
| | Surrogate: Tribromophenol | 87 | | % | 08/24/2001 | 952 | 1473 | | jrw | SW 8270C |
| 700811 | SBI002:HMW35SD:S02020:428 | | | | | | | | | DATE/TIME TAKEN 08/16/2001 11:45 |
| | Dry Weight | 93.9 | | % | 08/23/2001 | | 1483 | | mhg | SM 2540 G. |
| | ICP NONAQUEOUS | Complete | | | 08/23/2001 | | 1245 | Complete | emd | SW 6010B |
| | Arsenic, ICP | 6.08 | | mg/kg dw | 08/23/2001 | 907 | 2975 | <3.5 | emd | SW 6010B |
| | Barium, ICP | 59.7 | | mg/kg dw | 08/23/2001 | 907 | 2906 | <0.70 | emd | SW 6010B |

ANALYTICAL REPORT

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6130 Wilcox Rd.
Dublin, OH 43016

08/30/2001

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Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Analyst | Limit | Initials | Method Reference |
|--------------------------------|---------------------------|----------|------|----------|---------------|--------------|--------------|-------------------|----------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 700811 | SBI002:HMW35SD:S02020:428 | | | | | | | | | | DATE/TIME TAKEN 08/16/2001 11:45 |
| Cadmium, ICP | | <1.0 | | mg/kg dw | 08/23/2001 | 907 | 2888 | | <1.0 | emd | SW 6010B |
| Chromium, ICP | | 7.72 | | mg/kg dw | 08/23/2001 | 907 | 2876 | | <1.4 | emd | SW 6010B |
| Lead, ICP | | 97.4 | | mg/kg dw | 08/23/2001 | 907 | 2877 | | <2.8 | emd | SW 6010B |
| Mercury, CVAA | | 0.394 | | mg/kg dw | 08/24/2001 | 613 | 631 | | <0.009 | epk | SW 7471A |
| Selenium, ICP | | <3.5 | | mg/kg dw | 08/23/2001 | 907 | 2955 | | <3.5 | emd | SW 6010B |
| Silver, ICP | | <1.4 | | mg/kg dw | 08/23/2001 | 907 | 2908 | | <1.4 | emd | SW 6010B |
| ICP Digestion, Nonaqueous | | Complete | | | 08/22/2001 | 907 | | | Complete | mrt | SW 3050B |
| Mercury Digestion, Non-Aq | | Complete | | | 08/24/2001 | 613 | | | Complete | clm | SW 7471A |
| Prep, BNA Non-Aq | | Complete | | | 08/21/2001 | 952 | | | Complete | rec | EPA 625; SW 3540C; SW 3545 |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | | Complete | | | 08/20/2001 | | 1473 | | Complete | bmh | |
| Acetone | | <106 | | ug/kg dw | 08/20/2001 | | 1473 | | <106 | bmh | SW 8260A |
| Benzene | | <5.3 | ss | ug/kg dw | 08/20/2001 | | 1473 | | <5.3 | bmh | SW 8260A |
| tert-Butylbenzene | | <5.3 | | ug/kg dw | 08/20/2001 | | 1473 | | <5.3 | bmh | SW 8260A |
| sec-Butylbenzene | | <5.3 | | ug/kg dw | 08/20/2001 | | 1473 | | <5.3 | bmh | SW 8260A |
| n-Butylbenzene | | <5.3 | | ug/kg dw | 08/20/2001 | | 1473 | | <5.3 | bmh | SW 8260A |
| Bromochloromethane | | <5.3 | | ug/kg dw | 08/20/2001 | | 1473 | | <5.3 | bmh | SW 8260A |
| Bromodichloromethane | | <5.3 | | ug/kg dw | 08/20/2001 | | 1473 | | <5.3 | bmh | SW 8260A |
| Bromoform | | <5.3 | | ug/kg dw | 08/20/2001 | | 1473 | | <5.3 | bmh | SW 8260A |
| Bromobenzene | | <5.3 | | ug/kg dw | 08/20/2001 | | 1473 | | <5.3 | bmh | SW 8260A |
| 2-Butanone (MEK) | | <53 | | ug/kg dw | 08/20/2001 | | 1473 | | <53 | bmh | SW 8260A |
| Carbon disulfide | | <5.3 | | ug/kg dw | 08/20/2001 | | 1473 | | <5.3 | bmh | SW 8260A |
| Carbon tetrachloride | | <5.3 | | ug/kg dw | 08/20/2001 | | 1473 | | <5.3 | bmh | SW 8260A |
| Chlorobenzene | | <5.3 | ss | ug/kg dw | 08/20/2001 | | 1473 | | <5.3 | bmh | SW 8260A |

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08/30/2001

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Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 700811 | SBI002:HMW35SD:S02020:428 | | | | | | | | | | 08/16/2001 11:45 |
| | Chloroethane | <10.6 | | ug/kg dw | 08/20/2001 | 1473 | 1473 | <10.6 | bmh | SW 8260A | |
| | 2-Chlorotoluene | <5.3 | | ug/kg dw | 08/20/2001 | 1473 | 1473 | <5.3 | bmh | SW 8260A | |
| | 4-Chlorotoluene | <5.3 | | ug/kg dw | 08/20/2001 | 1473 | 1473 | <5.3 | bmh | SW 8260A | |
| | Chloroform | <5.3 | | ug/kg dw | 08/20/2001 | 1473 | 1473 | <5.3 | bmh | SW 8260A | |
| | Chloromethane | <10.6 | | ug/kg dw | 08/20/2001 | 1473 | 1473 | <10.6 | bmh | SW 8260A | |
| | Dibromochloromethane | <5.3 | | ug/kg dw | 08/20/2001 | 1473 | 1473 | <5.3 | bmh | SW 8260A | |
| | Dibromomethane | <5.3 | | ug/kg dw | 08/20/2001 | 1473 | 1473 | <5.3 | bmh | SW 8260A | |
| | Dichlorodifluoromethane | <5.3 | | ug/kg dw | 08/20/2001 | 1473 | 1473 | <5.3 | bmh | SW 8260A | |
| | 1,2-Dibromo-3-chloropropane | <5.3 | | ug/kg dw | 08/20/2001 | 1473 | 1473 | <5.3 | bmh | SW 8260A | |
| | 1,2-Dichlorobenzene | <5.3 | | ug/kg dw | 08/20/2001 | 1473 | 1473 | <5.3 | bmh | SW 8260A | |
| | 1,3-Dichlorobenzene | <5.3 | | ug/kg dw | 08/20/2001 | 1473 | 1473 | <5.3 | bmh | SW 8260A | |
| | 1,4-Dichlorobenzene | <5.3 | | ug/kg dw | 08/20/2001 | 1473 | 1473 | <5.3 | bmh | SW 8260A | |
| | 1,1-Dichloroethane | <5.3 | | ug/kg dw | 08/20/2001 | 1473 | 1473 | <5.3 | bmh | SW 8260A | |
| | 1,2-Dichloroethane | <5.3 | | ug/kg dw | 08/20/2001 | 1473 | 1473 | <5.3 | bmh | SW 8260A | |
| | 1,1-Dichloroethene | <5.3 | | ug/kg dw | 08/20/2001 | 1473 | 1473 | <5.3 | bmh | SW 8260A | |
| | cis-1,2-Dichloroethene | <5.3 | | ug/kg dw | 08/20/2001 | 1473 | 1473 | <5.3 | bmh | SW 8260A | |
| | trans-1,2-Dichloroethene | <5.3 | | ug/kg dw | 08/20/2001 | 1473 | 1473 | <5.3 | bmh | SW 8260A | |
| | 1,2-Dichloropropane | <5.3 | | ug/kg dw | 08/20/2001 | 1473 | 1473 | <5.3 | bmh | SW 8260A | |
| | 1,3-Dichloropropane | <5.3 | | ug/kg dw | 08/20/2001 | 1473 | 1473 | <5.3 | bmh | SW 8260A | |
| | 2,2-Dichloropropane | <5.3 | | ug/kg dw | 08/20/2001 | 1473 | 1473 | <5.3 | bmh | SW 8260A | |
| | 1,1-Dichloropropene | <5.3 | | ug/kg dw | 08/20/2001 | 1473 | 1473 | <5.3 | bmh | SW 8260A | |
| | cis-1,3-Dichloropropene | <5.3 | | ug/kg dw | 08/20/2001 | 1473 | 1473 | <5.3 | bmh | SW 8260A | |
| | trans-1,3-Dichloropropene | <5.3 | | ug/kg dw | 08/20/2001 | 1473 | 1473 | <5.3 | bmh | SW 8260A | |
| | Ethylbenzene | <5.3 | ss | ug/kg dw | 08/20/2001 | 1473 | 1473 | <5.3 | bmh | SW 8260A | |
| | Hexachlorobutadiene | <5.3 | | ug/kg dw | 08/20/2001 | 1473 | 1473 | <5.3 | bmh | SW 8260A | |

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| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|-------------------------------|------------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 700811 | SBI002:HMW35SD:S02020:428 | | | | | | | | | |
| | enes, Total | <5.3 | | ug/kg dw | 08/20/2001 | 1473 | | <5.3 | bmh | SW 8260A |
| | d4-1,2-Dichloroethane (surr) | 87 | | % | 08/20/2001 | 1473 | | | bmh | SW 8260A |
| | Dibromofluoromethane (surr) | 89 | | % | 08/20/2001 | 1473 | | | bmh | SW 8260A |
| | d8-Toluene (surr) | 96 | | % | 08/20/2001 | 1473 | | | bmh | SW 8260A |
| | Bromofluorobenzene (surr) | 90 | | % | 08/20/2001 | 1473 | | | bmh | SW 8260A |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| | Acenaphthene | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrjw | SW 8270C |
| | Acenaphthylene | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrjw | SW 8270C |
| | Anthracene | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrjw | SW 8270C |
| | Benzo(a)anthracene | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrjw | SW 8270C |
| | Benzo(b)fluoranthene | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrjw | SW 8270C |
| | Benzo(k)fluoranthene | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrjw | SW 8270C |
| | Benzo(a)pyrene | <176 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <176 | jrjw | SW 8270C |
| | Benzyl alcohol | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrjw | SW 8270C |
| | Benzyl butyl phthalate | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrjw | SW 8270C |
| | Bis(2-chloroethyl)ether | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrjw | SW 8270C |
| | Bis(2-chloroethoxy)methane | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrjw | SW 8270C |
| | Bis(2-ethylhexyl)phthalate | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrjw | SW 8270C |
| | 2,2'-oxybis(1-Chloropropane) | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrjw | SW 8270C |
| | 4-Bromophenyl phenyl ether | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrjw | SW 8270C |
| | 4-Chloroaniline | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrjw | SW 8270C |
| | 2-Chloronaphthalene | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrjw | SW 8270C |
| | Chrysene | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrjw | SW 8270C |
| | Dibenzo(a,h)anthracene | <176 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <176 | jrjw | SW 8270C |

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| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|----------------------------|---------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 700811 | SBI002:HMW35SD:S02020:428 | | | | | | | | | DATE/TIME TAKEN 08/16/2001 11:45 |
| Dibenzofuran | | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrw | SW 8270C |
| 1,2-Dichlorobenzene | | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrw | SW 8270C |
| 1,3-Dichlorobenzene | | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrw | SW 8270C |
| 1,4-Dichlorobenzene | | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrw | SW 8270C |
| 3,3'-Dichlorobenzidine | | <703 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <703 | jrw | SW 8270C |
| Diethyl phthalate | | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrw | SW 8270C |
| Dimethyl phthalate | | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrw | SW 8270C |
| 2,4-Dinitrotoluene | | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrw | SW 8270C |
| 2,6-Dinitrotoluene | | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrw | SW 8270C |
| Di-n-octylphthalate | | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrw | SW 8270C |
| Fluoranthene | | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrw | SW 8270C |
| Fluorene | | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrw | SW 8270C |
| Hexachlorobenzene | | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrw | SW 8270C |
| Hexachloro-1,3-butadiene | | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrw | SW 8270C |
| Hexachlorocyclopentadiene | | <703 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <703 | jrw | SW 8270C |
| Hexachloroethane | | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrw | SW 8270C |
| Indeno(1,2,3-cd)pyrene | | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrw | SW 8270C |
| Isophorone | | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrw | SW 8270C |
| Naphthalene | | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrw | SW 8270C |
| Nitrobenzene | | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrw | SW 8270C |
| N-Nitrosodi-n-propylamine | | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrw | SW 8270C |
| Phenanthrene | | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrw | SW 8270C |
| Pyrene | | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrw | SW 8270C |
| 1,2,4-Trichlorobenzene | | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrw | SW 8270C |
| Surrogate: d5-Nitrobenzene | | 85 | | ‡ | 08/24/2001 | 952 | 1473 | | jrw | SW 8270C |

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| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting | Analyst | Method Reference |
|------------------------------|---------------------------|--------|------|----------|---------------|--------------|--------------|-----------|---------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Limit | |
| 700811 | SBI002:HMW35SD:S02020:428 | | | | | | | | | DATE/TIME TAKEN 08/16/2001 11:45 |
| Surrogate: 2-Fluorobiphenyl | | 96 | ‡ | | 08/24/2001 | 952 | 1473 | | jrw | SW 8270C |
| Surrogate: d14-Terphenyl | | 93 | ‡ | | 08/24/2001 | 952 | 1473 | | jrw | SW 8270C |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | |
| Benzoic Acid | | <1,760 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <1,760 | jrw | SW 8270C |
| 4-Chloro-3-methylphenol | | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrw | SW 8270C |
| 2-Chlorophenol | | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrw | SW 8270C |
| 2,4-Dichlorophenol | | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrw | SW 8270C |
| 2,4-Dimethylphenol | | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrw | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrw | SW 8270C |
| 2-Methylphenol | | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrw | SW 8270C |
| meta & para-Methylphenol | | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrw | SW 8270C |
| 2-Nitrophenol | | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrw | SW 8270C |
| Pentachlorophenol | | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrw | SW 8270C |
| Phenol | | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrw | SW 8270C |
| 2,4,5-Trichlorophenol | | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrw | SW 8270C |
| 2,4,6-Trichlorophenol | | <351 | | ug/kg dw | 08/24/2001 | 952 | 1473 | <351 | jrw | SW 8270C |
| Surrogate: d6-Phenol | | 78 | ‡ | | 08/24/2001 | 952 | 1473 | | jrw | SW 8270C |
| Surrogate: 2-Fluorophenol | | 68 | ‡ | | 08/24/2001 | 952 | 1473 | | jrw | SW 8270C |
| Surrogate: Tribromophenol | | 90 | ‡ | | 08/24/2001 | 952 | 1473 | | jrw | SW 8270C |

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08/30/2001

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| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|------------------------|--------|------|-------|------------|-------|-------|-----------|---------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | | Limit | |
| 700812 | SBI002:FB1:W081601:428 | | | | | | | | | DATE/TIME TAKEN 08/16/2001 16:00 |
| ICPMS TOTAL METALS | Complete | | | | 08/27/2001 | | 2475 | Complete | ekh | SW 6020 |
| Arsenic, ICPMS | <0.0050 | mg/L | | | 08/27/2001 | 1810 | 3582 | <0.0050 | ekh | SW 6020 |
| Barium, ICPMS | <0.0050 | mg/L | | | 08/27/2001 | 1810 | 3791 | <0.0050 | ekh | SW 6020 |
| Cadmium, ICPMS | <0.0010 | mg/L | | | 08/27/2001 | 1810 | 3461 | <0.0010 | ekh | SW 6020 |
| Chromium, ICPMS (0.005) | <0.0050 | mg/L | | | 08/27/2001 | 1810 | 3848 | <0.0050 | ekh | SW 6020 |
| Lead, ICPMS | <0.0010 | mg/L | | | 08/27/2001 | 1810 | 3539 | <0.0010 | ekh | SW 6020 |
| Mercury, CVAA | <0.0002 | mg/L | | | 08/23/2001 | 1375 | 1317 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | <0.0050 | mg/L | | | 08/20/2001 | 732 | 556 | <0.0050 | lnh | SW 7740 |
| Silver, ICPMS | <0.0005 | mg/L | | | 08/27/2001 | 1810 | 3793 | <0.0005 | ekh | SW 6020 |
| Metals Digestion, ICPMS | Complete | | | | 08/23/2001 | 1810 | | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | Complete | | | | 08/20/2001 | 732 | | Complete | clm | SW 3020A |
| Manual Mercury Digestion | Complete | | | | 08/23/2001 | 1375 | | Complete | clm | SW 7470A |
| Prep, Base Neutral | Complete | | | | 08/20/2001 | 1258 | | Complete | lmc | EPA 625 ; SW 3510C ; SW 352 |
| Prep, Acid Extractable | Complete | | | | 08/20/2001 | 1258 | | Complete | lmc | EPA 625 ; SW 3510C ; SW 352 |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | Complete | | | | 08/22/2001 | | 3513 | Complete | eap | |
| Acetone | <20.0 | ug/L | | | 08/22/2001 | | 3513 | <20.0 | eap | SW 8260A |
| Benzene | <1.0 | ug/L | | | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| tert-Butylbenzene | <1.0 | ug/L | | | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| sec-Butylbenzene | <1.0 | ug/L | | | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| n-Butylbenzene | <1.0 | ug/L | | | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| Bromochloromethane | <1.0 | ug/L | | | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| Bromodichloromethane | <1.0 | ug/L | | | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| Bromoform | <1.0 | ug/L | | | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/30/2001

Job Number: 01.14950

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Analyst | Initials | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-------------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 700812 | SBI002:FB1:W081601:428 | | | | | | | | | DATE/TIME TAKEN 08/16/2001 16:00 |
| | omobenzene | <1.0 | | ug/L | 08/22/2001 | 3513 | <1.0 | eap | | SW 8260A |
| | 2-Butanone (MEK) | <12.5 | | ug/L | 08/22/2001 | 3513 | <12.5 | eap | | SW 8260A |
| | Carbon disulfide | <1.0 | | ug/L | 08/22/2001 | 3513 | <1.0 | eap | | SW 8260A |
| | Carbon tetrachloride | <1.0 | | ug/L | 08/22/2001 | 3513 | <1.0 | eap | | SW 8260A |
| | Chlorobenzene | <1.0 | | ug/L | 08/22/2001 | 3513 | <1.0 | eap | | SW 8260A |
| | Chloroethane | <5.0 | | ug/L | 08/22/2001 | 3513 | <5.0 | eap | | SW 8260A |
| | 2-Chlorotoluene | <1.0 | | ug/L | 08/22/2001 | 3513 | <1.0 | eap | | SW 8260A |
| | 4-Chlorotoluene | <1.0 | | ug/L | 08/22/2001 | 3513 | <1.0 | eap | | SW 8260A |
| | Chloroform | <1.0 | | ug/L | 08/22/2001 | 3513 | <1.0 | eap | | SW 8260A |
| | Chloromethane | <5.0 | | ug/L | 08/22/2001 | 3513 | <5.0 | eap | | SW 8260A |
| | Dibromochloromethane | <1.0 | | ug/L | 08/22/2001 | 3513 | <1.0 | eap | | SW 8260A |
| | Dibromomethane | <1.0 | | ug/L | 08/22/2001 | 3513 | <1.0 | eap | | SW 8260A |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 08/22/2001 | 3513 | <1.0 | eap | | SW 8260A |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 08/22/2001 | 3513 | <5.0 | eap | | SW 8260A |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 08/22/2001 | 3513 | <1.0 | eap | | SW 8260A |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 08/22/2001 | 3513 | <1.0 | eap | | SW 8260A |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 08/22/2001 | 3513 | <1.0 | eap | | SW 8260A |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 08/22/2001 | 3513 | <1.0 | eap | | SW 8260A |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 08/22/2001 | 3513 | <1.0 | eap | | SW 8260A |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 08/22/2001 | 3513 | <1.0 | eap | | SW 8260A |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 08/22/2001 | 3513 | <1.0 | eap | | SW 8260A |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 08/22/2001 | 3513 | <1.0 | eap | | SW 8260A |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 08/22/2001 | 3513 | <1.0 | eap | | SW 8260A |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 08/22/2001 | 3513 | <1.0 | eap | | SW 8260A |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 08/22/2001 | 3513 | <1.0 | eap | | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/30/2001

Job Number: 01.14950

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | | Initials | |
| 700812 | SBI002:FB1:W081601:428 | | | | | | | | | DATE/TIME TAKEN 08/16/2001 16:00 |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| | Ethylbenzene | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| | Hexachlorobutadiene | <5.0 | | ug/L | 08/22/2001 | | 3513 | <5.0 | eap | SW 8260A |
| | n-Hexane | <5.0 | | ug/L | 08/22/2001 | | 3513 | <5.0 | eap | SW 8260A |
| | 2-Hexanone | <12.5 | | ug/L | 08/22/2001 | | 3513 | <12.5 | eap | SW 8260A |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| | p-Isopropyltoluene | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| | Bromomethane | <5.0 | | ug/L | 08/22/2001 | | 3513 | <5.0 | eap | SW 8260A |
| | Methylene Chloride | <5.0 | | ug/L | 08/22/2001 | | 3513 | <5.0 | eap | SW 8260A |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 08/22/2001 | | 3513 | <5.0 | eap | SW 8260A |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 08/22/2001 | | 3513 | <12.5 | eap | SW 8260A |
| | n-Propylbenzene | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| | Styrene | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| | Naphthalene | <5.0 | | ug/L | 08/22/2001 | | 3513 | <5.0 | eap | SW 8260A |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| | Tetrachloroethene | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| | Toluene | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 08/22/2001 | | 3513 | <5.0 | eap | SW 8260A |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| | Trichloroethene | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| | Trichlorofluoromethane | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/30/2001

Job Number: 01.14950

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------------------------|------------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 700812 | SBI002:FB1:W081601:428 | | | | | | | | | DATE/TIME TAKEN 08/16/2001 16:00 |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 08/22/2001 | 3513 | 3513 | <5.0 | eap | SW 8260A |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 08/22/2001 | 3513 | 3513 | <1.0 | eap | SW 8260A |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 08/22/2001 | 3513 | 3513 | <1.0 | eap | SW 8260A |
| | Vinyl Acetate | <5.0 | | ug/L | 08/22/2001 | 3513 | 3513 | <5.0 | eap | SW 8260A |
| | Vinyl Chloride | <1.0 | | ug/L | 08/22/2001 | 3513 | 3513 | <1.0 | eap | SW 8260A |
| | Xylenes | <1.0 | | ug/L | 08/22/2001 | 3513 | 3513 | <1.0 | eap | SW 8260A |
| | d4-1,2-Dichloroethane (surr) | 104 | | % | 08/22/2001 | 3513 | 3513 | | eap | SW 8260A |
| | Dibromofluoromethane (surr) | 105 | | % | 08/22/2001 | 3513 | 3513 | | eap | SW 8260A |
| | d8-Toluene (surr) | 94 | | % | 08/22/2001 | 3513 | 3513 | | eap | SW 8260A |
| | Bromofluorobenzene (surr) | 96 | | % | 08/22/2001 | 3513 | 3513 | | eap | SW 8260A |
| BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | | |
| | Acenaphthene | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | Acenaphthylene | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | Anthracene | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | Benzo(a)anthracene | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | Benzo(b)fluoranthene | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | Benzo(k)fluoranthene | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | Benzo(a)pyrene | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | Benzyl alcohol | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | Benzyl butyl phthalate | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | bis(2-Chloroethyl) ether | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | bis(2-Chloroethoxy)methane | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | bis(2-Ethylhexyl)phthalate | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | 2,2'-oxybis(1-Chloropropane) | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/30/2001

Job Number: 01.14950

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 700812 | SBI002:FB1:W081601:428 | | | | | | | | | | 08/16/2001 16:00 |
| | 4-Bromophenyl phenyl ether | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C | |
| | 4-Chloroaniline | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C | |
| | 2-Chloronaphthalene | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C | |
| | Chrysene | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C | |
| | Dibenzo(a,h)anthracene | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C | |
| | Dibenzofuran | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C | |
| | 1,2-Dichlorobenzene | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C | |
| | 1,3-Dichlorobenzene | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C | |
| | 1,4-Dichlorobenzene | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C | |
| | 3,3'-Dichlorobenzidine | <50 | | ug/L | 08/27/2001 | 1258 | 2666 | <50 | jcs | SW 8270C | |
| | Diethyl phthalate | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C | |
| | Dimethyl phthalate | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C | |
| | 2,4-Dinitrotoluene | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C | |
| | 2,6-Dinitrotoluene | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C | |
| | Di-n-octylphthalate | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C | |
| | Fluoranthene | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C | |
| | Fluorene | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C | |
| | Hexachlorobenzene | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C | |
| | Hexachloro-1,3-butadiene | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C | |
| | Hexachlorocyclopentadiene | <20 | | ug/L | 08/27/2001 | 1258 | 2666 | <20 | jcs | SW 8270C | |
| | Hexachloroethane | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C | |
| | Indeno(1,2,3-cd)pyrene | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C | |
| | Isophorone | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C | |
| | Naphthalene | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C | |
| | Nitrobenzene | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/30/2001

Job Number: 01.14950

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------|---------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 700812 | SBI002:FB1:W081601:428 | | | | | | | | | DATE/TIME TAKEN 08/16/2001 16:00 |
| | Nitrosodi-n-propylamine | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | Phenanthrene | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | Pyrene | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | 1,2,4-Trichlorobenzene | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | Surrogate: d5-Nitrobenzene | 96 | | % | 08/27/2001 | 1258 | 2666 | | jcs | SW 8270C |
| | Surrogate: 2-Fluorobiphenyl | 102 | | % | 08/27/2001 | 1258 | 2666 | | jcs | SW 8270C |
| | Surrogate: d14-Terphenyl | 109 | | % | 08/27/2001 | 1258 | 2666 | | jcs | SW 8270C |
| ACID COMPOUNDS (AQ) 8270 | | | | | | | | | | |
| | Benzoic acid | <50 | | ug/L | 08/27/2001 | 1258 | 2666 | <50 | jcs | SW 8270C |
| | 4-Chloro-3-methylphenol | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | 2-Chlorophenol | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | 2,4-Dichlorophenol | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | 2,4-Dimethylphenol | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | 2-Methyl-4,6-dinitrophenol | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | 2-Methylphenol | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | meta & para-Methylphenol | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | 2-Nitrophenol | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | Pentachlorophenol | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | Phenol | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | 2,4,5-Trichlorophenol | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | 2,4,6-Trichlorophenol | <10 | | ug/L | 08/27/2001 | 1258 | 2666 | <10 | jcs | SW 8270C |
| | Surrogate: d6-Phenol | 84 | | % | 08/27/2001 | 1258 | 2666 | | jcs | SW 8270C |
| | Surrogate: 2-Fluorophenol | 77 | | % | 08/27/2001 | 1258 | 2666 | | jcs | SW 8270C |
| | Surrogate: Tribromophenol | 100 | | % | 08/27/2001 | 1258 | 2666 | | jcs | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/30/2001

Job Number: 01.14950

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Analyst | Initials | Method Reference |
|--------------------------------|------------------------|----------|------|-------|---------------|--------------|--------------|-------------------|----------|-------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 700813 | SBI002:TB1:W081601:428 | | | | | | | | | DATE/TIME TAKEN 08/16/2001 |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | | Complete | | | 08/22/2001 | 3513 | Complete | eap | | |
| Acetone | | <20.0 | | ug/L | 08/22/2001 | 3513 | <20.0 | eap | | SW 8260A |
| Benzene | | <1.0 | | ug/L | 08/22/2001 | 3513 | <1.0 | eap | | SW 8260A |
| tert-Butylbenzene | | <1.0 | | ug/L | 08/22/2001 | 3513 | <1.0 | eap | | SW 8260A |
| sec-Butylbenzene | | <1.0 | | ug/L | 08/22/2001 | 3513 | <1.0 | eap | | SW 8260A |
| n-Butylbenzene | | <1.0 | | ug/L | 08/22/2001 | 3513 | <1.0 | eap | | SW 8260A |
| Bromochloromethane | | <1.0 | | ug/L | 08/22/2001 | 3513 | <1.0 | eap | | SW 8260A |
| Bromodichloromethane | | <1.0 | | ug/L | 08/22/2001 | 3513 | <1.0 | eap | | SW 8260A |
| Bromoform | | <1.0 | | ug/L | 08/22/2001 | 3513 | <1.0 | eap | | SW 8260A |
| Bromobenzene | | <1.0 | | ug/L | 08/22/2001 | 3513 | <1.0 | eap | | SW 8260A |
| 2-Butanone (MEK) | | <12.5 | | ug/L | 08/22/2001 | 3513 | <12.5 | eap | | SW 8260A |
| Carbon disulfide | | <1.0 | | ug/L | 08/22/2001 | 3513 | <1.0 | eap | | SW 8260A |
| Carbon tetrachloride | | <1.0 | | ug/L | 08/22/2001 | 3513 | <1.0 | eap | | SW 8260A |
| Chlorobenzene | | <1.0 | | ug/L | 08/22/2001 | 3513 | <1.0 | eap | | SW 8260A |
| Chloroethane | | <5.0 | | ug/L | 08/22/2001 | 3513 | <5.0 | eap | | SW 8260A |
| 2-Chlorotoluene | | <1.0 | | ug/L | 08/22/2001 | 3513 | <1.0 | eap | | SW 8260A |
| 4-Chlorotoluene | | <1.0 | | ug/L | 08/22/2001 | 3513 | <1.0 | eap | | SW 8260A |
| Chloroform | | <1.0 | | ug/L | 08/22/2001 | 3513 | <1.0 | eap | | SW 8260A |
| Chloromethane | | <5.0 | | ug/L | 08/22/2001 | 3513 | <5.0 | eap | | SW 8260A |
| Dibromochloromethane | | <1.0 | | ug/L | 08/22/2001 | 3513 | <1.0 | eap | | SW 8260A |
| Dibromomethane | | <1.0 | | ug/L | 08/22/2001 | 3513 | <1.0 | eap | | SW 8260A |
| Dichlorodifluoromethane | | <1.0 | | ug/L | 08/22/2001 | 3513 | <1.0 | eap | | SW 8260A |
| 1,2-Dibromo-3-chloropropane | | <5.0 | | ug/L | 08/22/2001 | 3513 | <5.0 | eap | | SW 8260A |
| 1,2-Dichlorobenzene | | <1.0 | | ug/L | 08/22/2001 | 3513 | <1.0 | eap | | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

08/30/2001

Job Number: 01.14950

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|------------------------|--------|------|-------|------------|-------|-------|-----------|---------|-------------------------------|
| | | | | | Analyzed | Batch | Batch | | Limit | |
| 700813 | SBI002:TB1:W081601:428 | | | | | | | | | DATE/TIME TAKEN 08/16/2001 |
| 1,3-Dichlorobenzene | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| 1,4-Dichlorobenzene | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| 1,1-Dichloroethane | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| 1,2-Dichloroethane | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| 1,1-Dichloroethene | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| cis-1,2-Dichloroethene | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| trans-1,2-Dichloroethene | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| 1,2-Dichloropropane | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| 1,3-Dichloropropane | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| 2,2-Dichloropropane | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| 1,1-Dichloropropene | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| cis-1,3-Dichloropropene | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| trans-1,3-Dichloropropene | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| Ethylbenzene | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| Hexachlorobutadiene | | <5.0 | | ug/L | 08/22/2001 | | 3513 | <5.0 | eap | SW 8260A |
| n-Hexane | | <5.0 | | ug/L | 08/22/2001 | | 3513 | <5.0 | eap | SW 8260A |
| 2-Hexanone | | <12.5 | | ug/L | 08/22/2001 | | 3513 | <12.5 | eap | SW 8260A |
| Isopropylbenzene (Cumene) | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| p-Isopropyltoluene | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| Bromomethane | | <5.0 | | ug/L | 08/22/2001 | | 3513 | <5.0 | eap | SW 8260A |
| Methylene Chloride | | <5.0 | | ug/L | 08/22/2001 | | 3513 | <5.0 | eap | SW 8260A |
| Methyl t-butyl ether (MTBE) | | <5.0 | | ug/L | 08/22/2001 | | 3513 | <5.0 | eap | SW 8260A |
| 4-Methyl-2-pentanone (MIBK) | | <12.5 | | ug/L | 08/22/2001 | | 3513 | <12.5 | eap | SW 8260A |
| n-Propylbenzene | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| Styrene | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

08/30/2001

Job Number: 01.14950

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------------------------|------------------------|--------|------|------------|---------------|-------------------|------------------|-----------------|------------------|------------------|-----------------|
| 700813 | SBI002:TB1:W081601:428 | | | | | | | | | | 08/16/2001 |
| Naphthalene | <5.0 | ug/L | | 08/22/2001 | 3513 | <5.0 | eap | SW 8260A | | | |
| 1,1,1,2-Tetrachloroethane | <1.0 | ug/L | | 08/22/2001 | 3513 | <1.0 | eap | SW 8260A | | | |
| 1,1,2,2-Tetrachloroethane | <1.0 | ug/L | | 08/22/2001 | 3513 | <1.0 | eap | SW 8260A | | | |
| Tetrachloroethene | <1.0 | ug/L | | 08/22/2001 | 3513 | <1.0 | eap | SW 8260A | | | |
| Toluene | <1.0 | ug/L | | 08/22/2001 | 3513 | <1.0 | eap | SW 8260A | | | |
| 1,2,4-Trichlorobenzene | <5.0 | ug/L | | 08/22/2001 | 3513 | <5.0 | eap | SW 8260A | | | |
| 1,1,1-Trichloroethane | <1.0 | ug/L | | 08/22/2001 | 3513 | <1.0 | eap | SW 8260A | | | |
| 1,1,2-Trichloroethane | <1.0 | ug/L | | 08/22/2001 | 3513 | <1.0 | eap | SW 8260A | | | |
| Trichloroethene | <1.0 | ug/L | | 08/22/2001 | 3513 | <1.0 | eap | SW 8260A | | | |
| Trichlorofluoromethane | <1.0 | ug/L | | 08/22/2001 | 3513 | <1.0 | eap | SW 8260A | | | |
| 1,2,3-Trichloropropane | <5.0 | ug/L | | 08/22/2001 | 3513 | <5.0 | eap | SW 8260A | | | |
| 1,2,4-Trimethylbenzene | <1.0 | ug/L | | 08/22/2001 | 3513 | <1.0 | eap | SW 8260A | | | |
| 1,3,5-Trimethylbenzene | <1.0 | ug/L | | 08/22/2001 | 3513 | <1.0 | eap | SW 8260A | | | |
| Vinyl Acetate | <5.0 | ug/L | | 08/22/2001 | 3513 | <5.0 | eap | SW 8260A | | | |
| Vinyl Chloride | <1.0 | ug/L | | 08/22/2001 | 3513 | <1.0 | eap | SW 8260A | | | |
| Xylenes | <1.0 | ug/L | | 08/22/2001 | 3513 | <1.0 | eap | SW 8260A | | | |
| d4-1,2-Dichloroethane (surr) | 105 | % | | 08/22/2001 | 3513 | | eap | SW 8260A | | | |
| Dibromofluoromethane (surr) | 105 | % | | 08/22/2001 | 3513 | | eap | SW 8260A | | | |
| d8-Toluene (surr) | 93 | % | | 08/22/2001 | 3513 | | eap | SW 8260A | | | |
| Bromofluorobenzene (surr) | 96 | % | | 08/22/2001 | 3513 | | eap | SW 8260A | | | |

QUALITY CONTROL FLAG DEFINITIONS

Job Number: 01.14950

(*) Indicates an out-of-control QC. The analytical data was reported based on other supporting quality control information.

(Note) Indicates to review the notes and comments section of the analytical report as there is additional information concerning this analytical result.

(MS) Indicates that the Matrix Spike (MS) was out of statistical advisory limits.

(MSD) Indicates that the Matrix Spike Duplicate (MSD) was out of statistical advisory limits.

(RPD) Indicates that the Relative Percent Difference (RPD) for the MS/MSD pair was outside of statistical advisory limits.

(SS) Indicates that the MS and MSD were out of statistical advisory limits.

(SSR) Indicates that the MS, MSD and RPD were out of statistical advisory limits.

(MSR) Indicates that the MS and RPD were out of statistical advisory limits.

(MSDR) Indicates that the MSD and RPD were out of statistical advisory limits.

(DL) Indicates that the MS and MSD were diluted out and the percent recoveries of the spikes could not be calculated.

(LS) Indicates that statistical accuracy and precision data is not available for spike concentrations which are $< 1/4$ of the sample amount. Care should be used in interpreting this data.

(J) Indicates estimated concentration due to internal standard areas or surrogate recoveries outside of control limits. A sample matrix effect is usually indicated.

(DW) Indicates Dry Weight.

Analytical Reporting Limits

The reporting limits listed for non-aqueous samples in the analytical report section are Practical Quantitation Limits (PQLs). These PQLs are based upon a typical standard weight used for a non-aqueous sample. The reporting limit for a sample may be different from the PQL listed depending upon the actual weight of sample used, the samples moisture content and any dilutions used during the analysis.

NOTES AND COMMENTS

TestAmerica Job Number: 1.14950

Sample Number: 700809

Analysis: 8260 - Volatiles

Surrogate recovery of dibromofluoromethane was below recovery limits of 80-120%. Results were confirmed by repeat analysis.

1.14950

CHAIN OF CUSTODY RECORD

Hull & Associates, Inc.
 Dublin
 6130 Wicox Road
 Dublin, Ohio 43016
 Phone: (614)385-8777
 FAX: (614)385-9070

Toledo
 3401 Glendale Avenue
 SUITE 300
 Toledo, Ohio 43614
 Phone: (419)385-2018
 FAX: (419)385-5489

Mason
 4700 Duke Drive, Suite 172
 Mason, Ohio 45040
 Phone: (513)459-9877
 FAX: (513)459-9869

Warrensville Heights
 4949 Galaxy Parkway, Suite S
 Warrensville Heights, Ohio 44128
 Phone: (216)514-7100
 FAX: (216)514-7104

REPORT TO: KEVIN WILDMAN

Client: SEAH BEUD
 Site: Area A
 Project#: SB1002 Phase: 0175 F
 Samplers: 674

ANALYSES
 PRESERVATIVES
SAVE METALS

SAMPLE TYPES: AIR, ASBESTOS, SEDIMENT, GROUNDWATER, PRODUCT, SOIL, WATER, OTHERS
 PRESERVATIVES: A - Cool only, < 4°C, B - HNO₃, pH<2, C - H₂SO₄, pH<2, D - NaOH, pH>12, E - Zn acetate + NaOH, pH>9, F - Na₂S₂O₅ (0.008%), G - HCl, pH<2
 METALS: A - Cool only, < 4°C, F - FILTERED, H - NOT FILTERED, B - BOTH

| PROJECT NO. | SAMPLE LOCATION | SAMPLE TYPE | SAMPLER ID | NO. OF METALS CONT. | SAMPLING DATE/TIME | COMMENTS |
|-------------|------------------|-------------|------------|---------------------|--------------------|----------|
| SB1002 | HM0130 : S05020 | | :428 | 2 | 8-17-01 12:50 | X |
| SB1002 | HM0335 : S05020 | | :428 | 3 | 8-16-01 11:45 | X X X |
| SB1002 | HM0355B : S05020 | | :428 | 3 | 8-16-01 11:45 | X X X |
| SB1002 | FB1 : W081601 | | :428 | 5 | 8-16-01 16:00 | X X X |
| SB1002 | TB1 : W081601 | | :428 | 3 | 8-16-01 16:00 | X X X |

RELINQUISHED BY: SAJ DATE: 8-16-01 TIME: 17:00 - 18:00

RECEIVED BY: FR DATE: 8-16-01 TIME: 17:00 - 18:00

RELINQUISHED BY: DATE: TIME:

RECEIVED BY: DATE: TIME:

RELINQUISHED BY: DATE: TIME:

RECEIVED BY: DATE: TIME:

RECEIVED FOR LAB USE: Mildred Brown DATE: 8-17-01 TIME: 9-30-01

DISTRIBUTION: Mildred Brown

COOLER TEMPERATURE AS RECEIVED °C: 3.0

DELIVER TO: TEST AMERICA

METHOD OF DELIVERY: FED EX

AIRBILL NUMBER: 826265967960

NOTES: CHECK TEMP FROM TRIP
BLIND

TURN AROUND TIME: 5 DAYS

Fedex

REMAINED BY HW

LAB USE (MUST BE RETURNED WITH REPORT)

WHITE

YELLOW

PINK



S1002

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

09/04/2001

Job Number: 01.14991

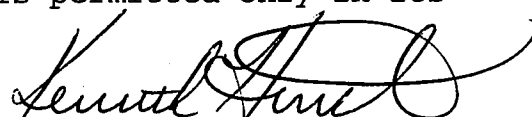
Enclosed is the analytical report for the following samples submitted to the Dayton Division of TestAmerica, Inc. for analysis:

| <u>Sample Number</u> | <u>Sample Description</u> | <u>Date Taken</u> | <u>Date Received</u> |
|----------------------|---------------------------|-------------------|----------------------|
| 700968 | SBI002:TB1:W081701 | 08/17/2001 | 08/18/2001 |
| 700969 | SBI002:HMW23D:S000020:428 | 08/17/2001 | 08/18/2001 |

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Reproduction of this analytical report is permitted only in its entirety.

Enclosure


Approved By

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/04/2001

Job Number: 01.14991

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|--------------------|----------|------|-------|------------|-------|-------|-----------|---------|------------------|
| | | | | | Analyzed | Batch | Batch | | | |
| 700968 | SBI002:TB1:W081701 | | | | | | | | | |
| DATE/TIME TAKEN | | | | | | | | | | |
| 08/17/2001 | | | | | | | | | | |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | | Complete | | | 08/22/2001 | | 3513 | Complete | eap | |
| Acetone | | <20.0 | | ug/L | 08/22/2001 | | 3513 | <20.0 | eap | SW 8260A |
| Benzene | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| tert-Butylbenzene | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| sec-Butylbenzene | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| n-Butylbenzene | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| Bromochloromethane | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| Bromodichloromethane | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| Bromoform | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| Bromobenzene | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| 2-Butanone (MEK) | | <12.5 | | ug/L | 08/22/2001 | | 3513 | <12.5 | eap | SW 8260A |
| Carbon disulfide | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| Carbon tetrachloride | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| Chlorobenzene | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| Chloroethane | | <5.0 | | ug/L | 08/22/2001 | | 3513 | <5.0 | eap | SW 8260A |
| 2-Chlorotoluene | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| 4-Chlorotoluene | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| Chloroform | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| Chloromethane | | <5.0 | | ug/L | 08/22/2001 | | 3513 | <5.0 | eap | SW 8260A |
| Dibromochloromethane | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| Dibromomethane | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| Dichlorodifluoromethane | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| 1,2-Dibromo-3-chloropropane | | <5.0 | | ug/L | 08/22/2001 | | 3513 | <5.0 | eap | SW 8260A |
| 1,2-Dichlorobenzene | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/04/2001

Job Number: 01.14991

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|-------|------------|-------|-------|-----------|----------|------------------|-----------------|
| | | | | | Analyzed | Batch | Batch | | Initials | | |
| 700968 | SBI002:TB1:W081701 | | | | | | | | | | 08/17/2001 |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A | |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A | |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A | |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A | |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A | |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A | |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A | |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A | |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A | |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A | |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A | |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A | |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A | |
| | Ethylbenzene | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A | |
| | Hexachlorobutadiene | <5.0 | | ug/L | 08/22/2001 | | 3513 | <5.0 | eap | SW 8260A | |
| | n-Hexane | <5.0 | | ug/L | 08/22/2001 | | 3513 | <5.0 | eap | SW 8260A | |
| | 2-Hexanone | <12.5 | | ug/L | 08/22/2001 | | 3513 | <12.5 | eap | SW 8260A | |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A | |
| | p-Isopropyltoluene | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A | |
| | Bromomethane | <5.0 | | ug/L | 08/22/2001 | | 3513 | <5.0 | eap | SW 8260A | |
| | Methylene Chloride | <5.0 | | ug/L | 08/22/2001 | | 3513 | <5.0 | eap | SW 8260A | |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 08/22/2001 | | 3513 | <5.0 | eap | SW 8260A | |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 08/22/2001 | | 3513 | <12.5 | eap | SW 8260A | |
| | n-Propylbenzene | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A | |
| | Styrene | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/04/2001

Job Number: 01.14991

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------------------------|--------------------|--------|------|-------|------------|-------|-------|-----------|----------|------------------|
| | | | | | Analyzed | Batch | Batch | | Initials | |
| 700968 | SBI002:TB1:W081701 | | | | | | | Limit | | DATE/TIME TAKEN |
| | | | | | | | | | | 08/17/2001 |
| Naphthalene | | <5.0 | | ug/L | 08/22/2001 | | 3513 | <5.0 | eap | SW 8260A |
| 1,1,1,2-Tetrachloroethane | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| 1,1,2,2-Tetrachloroethane | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| Tetrachloroethene | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| Toluene | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| 1,2,4-Trichlorobenzene | | <5.0 | | ug/L | 08/22/2001 | | 3513 | <5.0 | eap | SW 8260A |
| 1,1,1-Trichloroethane | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| 1,1,2-Trichloroethane | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| Trichloroethene | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| Trichlorofluoromethane | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| 1,2,3-Trichloropropane | | <5.0 | | ug/L | 08/22/2001 | | 3513 | <5.0 | eap | SW 8260A |
| 1,2,4-Trimethylbenzene | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| Vinyl Acetate | | <5.0 | | ug/L | 08/22/2001 | | 3513 | <5.0 | eap | SW 8260A |
| Vinyl Chloride | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| Xylenes | | <1.0 | | ug/L | 08/22/2001 | | 3513 | <1.0 | eap | SW 8260A |
| d4-1,2-Dichloroethane (surr) | | 103 | | % | 08/22/2001 | | 3513 | | eap | SW 8260A |
| Dibromofluoromethane (surr) | | 106 | | % | 08/22/2001 | | 3513 | | eap | SW 8260A |
| d8-Toluene (surr) | | 93 | | % | 08/22/2001 | | 3513 | | eap | SW 8260A |
| Bromofluorobenzene (surr) | | 97 | | % | 08/22/2001 | | 3513 | | eap | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

09/04/2001

Job Number: 01.14991

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|-----------------------------|---------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 700969 | SBI002:HMW23D:S000020:428 | | | | | | | | | | 08/17/2001 09:00 |
| Bromobenzene | | <5.8 | | ug/kg dw | 08/20/2001 | | 1473 | <5.8 | bmh | SW 8260A | |
| 2-Butanone (MEK) | | <5.8 | | ug/kg dw | 08/20/2001 | | 1473 | <5.8 | bmh | SW 8260A | |
| Carbon disulfide | | <5.8 | | ug/kg dw | 08/20/2001 | | 1473 | <5.8 | bmh | SW 8260A | |
| Carbon tetrachloride | | <5.8 | | ug/kg dw | 08/20/2001 | | 1473 | <5.8 | bmh | SW 8260A | |
| Chlorobenzene | | <5.8 | | ug/kg dw | 08/20/2001 | | 1473 | <5.8 | bmh | SW 8260A | |
| Chloroethane | | <11.7 | | ug/kg dw | 08/20/2001 | | 1473 | <11.7 | bmh | SW 8260A | |
| 2-Chlorotoluene | | <5.8 | | ug/kg dw | 08/20/2001 | | 1473 | <5.8 | bmh | SW 8260A | |
| 4-Chlorotoluene | | <5.8 | | ug/kg dw | 08/20/2001 | | 1473 | <5.8 | bmh | SW 8260A | |
| Chloroform | | <5.8 | | ug/kg dw | 08/20/2001 | | 1473 | <5.8 | bmh | SW 8260A | |
| Chloromethane | | <11.7 | | ug/kg dw | 08/20/2001 | | 1473 | <11.7 | bmh | SW 8260A | |
| Dibromochloromethane | | <5.8 | | ug/kg dw | 08/20/2001 | | 1473 | <5.8 | bmh | SW 8260A | |
| Dibromomethane | | <5.8 | | ug/kg dw | 08/20/2001 | | 1473 | <5.8 | bmh | SW 8260A | |
| Dichlorodifluoromethane | | <5.8 | | ug/kg dw | 08/20/2001 | | 1473 | <5.8 | bmh | SW 8260A | |
| 1,2-Dibromo-3-chloropropane | | <5.8 | | ug/kg dw | 08/20/2001 | | 1473 | <5.8 | bmh | SW 8260A | |
| 1,2-Dichlorobenzene | | <5.8 | | ug/kg dw | 08/20/2001 | | 1473 | <5.8 | bmh | SW 8260A | |
| 1,3-Dichlorobenzene | | <5.8 | | ug/kg dw | 08/20/2001 | | 1473 | <5.8 | bmh | SW 8260A | |
| 1,4-Dichlorobenzene | | <5.8 | | ug/kg dw | 08/20/2001 | | 1473 | <5.8 | bmh | SW 8260A | |
| 1,1-Dichloroethane | | <5.8 | | ug/kg dw | 08/20/2001 | | 1473 | <5.8 | bmh | SW 8260A | |
| 1,2-Dichloroethane | | <5.8 | | ug/kg dw | 08/20/2001 | | 1473 | <5.8 | bmh | SW 8260A | |
| 1,1-Dichloroethene | | <5.8 | | ug/kg dw | 08/20/2001 | | 1473 | <5.8 | bmh | SW 8260A | |
| cis-1,2-Dichloroethene | | <5.8 | | ug/kg dw | 08/20/2001 | | 1473 | <5.8 | bmh | SW 8260A | |
| trans-1,2-Dichloroethene | | <5.8 | | ug/kg dw | 08/20/2001 | | 1473 | <5.8 | bmh | SW 8260A | |
| 1,2-Dichloropropane | | <5.8 | | ug/kg dw | 08/20/2001 | | 1473 | <5.8 | bmh | SW 8260A | |
| 1,3-Dichloropropane | | <5.8 | | ug/kg dw | 08/20/2001 | | 1473 | <5.8 | bmh | SW 8260A | |
| 2,2-Dichloropropane | | <5.8 | | ug/kg dw | 08/20/2001 | | 1473 | <5.8 | bmh | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/04/2001

Job Number: 01.14991

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------|-----------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 700969 | SBI002:HMW23D:S000020:428 | | | | | | | | | DATE/TIME TAKEN 08/17/2001 09:00 |
| | 1-Dichloropropene | <5.8 | | ug/kg dw | 08/20/2001 | 1473 | | <5.8 | bmh | SW 8260A |
| | cis-1,3-Dichloropropene | <5.8 | | ug/kg dw | 08/20/2001 | 1473 | | <5.8 | bmh | SW 8260A |
| | trans-1,3-Dichloropropene | <5.8 | | ug/kg dw | 08/20/2001 | 1473 | | <5.8 | bmh | SW 8260A |
| | Ethylbenzene | <5.8 | | ug/kg dw | 08/20/2001 | 1473 | | <5.8 | bmh | SW 8260A |
| | Hexachlorobutadiene | <5.8 | | ug/kg dw | 08/20/2001 | 1473 | | <5.8 | bmh | SW 8260A |
| | n-Hexane | <23.3 | | ug/kg dw | 08/20/2001 | 1473 | | <23.3 | bmh | SW 8260A |
| | 2-Hexanone | <58.3 | | ug/kg dw | 08/20/2001 | 1473 | | <58.3 | bmh | SW 8260A |
| | Isopropylbenzene (Cumene) | <5.8 | | ug/kg dw | 08/20/2001 | 1473 | | <5.8 | bmh | SW 8260A |
| | p-Isopropyltoluene | <5.8 | | ug/kg dw | 08/20/2001 | 1473 | | <5.8 | bmh | SW 8260A |
| | Bromomethane | <11.7 | | ug/kg dw | 08/20/2001 | 1473 | | <11.7 | bmh | SW 8260A |
| | Methylene Chloride | <11.7 | | ug/kg dw | 08/20/2001 | 1473 | | <11.7 | bmh | SW 8260A |
| | Methyl t-butyl ether (MTBE) | <5.8 | | ug/kg dw | 08/20/2001 | 1473 | | <5.8 | bmh | SW 8260A |
| | 4-Methyl-2-pentanone (MIBK) | <58.3 | | ug/kg dw | 08/20/2001 | 1473 | | <58.3 | bmh | SW 8260A |
| | n-Propylbenzene | <5.8 | | ug/kg dw | 08/20/2001 | 1473 | | <5.8 | bmh | SW 8260A |
| | Styrene | <5.8 | | ug/kg dw | 08/20/2001 | 1473 | | <5.8 | bmh | SW 8260A |
| | Naphthalene | <5.8 | | ug/kg dw | 08/20/2001 | 1473 | | <5.8 | bmh | SW 8260A |
| | 1,1,1,2-Tetrachloroethane | <5.8 | | ug/kg dw | 08/20/2001 | 1473 | | <5.8 | bmh | SW 8260A |
| | 1,1,2,2-Tetrachloroethane | <5.8 | | ug/kg dw | 08/20/2001 | 1473 | | <5.8 | bmh | SW 8260A |
| | Tetrachloroethene | <5.8 | | ug/kg dw | 08/20/2001 | 1473 | | <5.8 | bmh | SW 8260A |
| | Toluene | <5.8 | | ug/kg dw | 08/20/2001 | 1473 | | <5.8 | bmh | SW 8260A |
| | 1,2,4-Trichlorobenzene | <5.8 | | ug/kg dw | 08/20/2001 | 1473 | | <5.8 | bmh | SW 8260A |
| | 1,1,1-Trichloroethane | <5.8 | | ug/kg dw | 08/20/2001 | 1473 | | <5.8 | bmh | SW 8260A |
| | 1,1,2-Trichloroethane | <5.8 | | ug/kg dw | 08/20/2001 | 1473 | | <5.8 | bmh | SW 8260A |
| | Trichloroethene | <5.8 | | ug/kg dw | 08/20/2001 | 1473 | | <5.8 | bmh | SW 8260A |
| | Trichlorofluoromethane | <5.8 | | ug/kg dw | 08/20/2001 | 1473 | | <5.8 | bmh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/04/2001

Job Number: 01.14991

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-------------------------------|---------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 700969 | SBI002:HMW23D:S000020:428 | | | | | | | | | DATE/TIME TAKEN 08/17/2001 09:00 |
| 1,2,3-Trichloropropane | | <5.8 | | ug/kg dw | 08/20/2001 | | 1473 | <5.8 | bmh | SW 8260A |
| 1,2,4-Trimethylbenzene | | <5.8 | | ug/kg dw | 08/20/2001 | | 1473 | <5.8 | bmh | SW 8260A |
| 1,3,5-Trimethylbenzene | | <5.8 | | ug/kg dw | 08/20/2001 | | 1473 | <5.8 | bmh | SW 8260A |
| Vinyl Acetate | | <5.8 | | ug/kg dw | 08/20/2001 | | 1473 | <5.8 | bmh | SW 8260A |
| Vinyl Chloride | | <2.3 | | ug/kg dw | 08/20/2001 | | 1473 | <2.3 | bmh | SW 8260A |
| Xylenes, Total | | <5.8 | | ug/kg dw | 08/20/2001 | | 1473 | <5.8 | bmh | SW 8260A |
| d4-1,2-Dichloroethane (surr) | | 86 | | % | 08/20/2001 | | 1473 | | bmh | SW 8260A |
| Dibromofluoromethane (surr) | | 86 | | % | 08/20/2001 | | 1473 | | bmh | SW 8260A |
| d8-Toluene (surr) | | 94 | | % | 08/20/2001 | | 1473 | | bmh | SW 8260A |
| Bromofluorobenzene (surr) | | 93 | | % | 08/20/2001 | | 1473 | | bmh | SW 8260A |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| Acenaphthene | | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C |
| Acenaphthylene | | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C |
| Anthracene | | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C |
| Benzo(a)anthracene | | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C |
| Benzo(b)fluoranthene | | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C |
| Benzo(k)fluoranthene | | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C |
| Benzo(a)pyrene | | <193 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <193 | jrw | SW 8270C |
| Benzyl alcohol | | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C |
| Benzyl butyl phthalate | | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C |
| Bis(2-chloroethyl)ether | | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C |
| Bis(2-chloroethoxy)methane | | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C |
| Bis(2-ethylhexyl)phthalate | | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/04/2001

Job Number: 01.14991

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|----------------------------|---------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 700969 | SBI002:HMW23D:S000020:428 | | | | | | | | | | 08/17/2001 09:00 |
| 4-Bromophenyl phenyl ether | | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C | |
| 4-Chloroaniline | | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C | |
| 2-Chloronaphthalene | | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C | |
| Chrysene | | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C | |
| Dibenzo(a,h)anthracene | | <193 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <193 | jrw | SW 8270C | |
| Dibenzofuran | | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C | |
| 1,2-Dichlorobenzene | | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C | |
| 1,3-Dichlorobenzene | | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C | |
| 1,4-Dichlorobenzene | | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C | |
| 3,3'-Dichlorobenzidine | | <770 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <770 | jrw | SW 8270C | |
| Diethyl phthalate | | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C | |
| Dimethyl phthalate | | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C | |
| 2,4-Dinitrotoluene | | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C | |
| 2,6-Dinitrotoluene | | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C | |
| Di-n-octylphthalate | | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C | |
| Fluoranthene | | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C | |
| Fluorene | | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C | |
| Hexachlorobenzene | | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C | |
| Hexachloro-1,3-butadiene | | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C | |
| Hexachlorocyclopentadiene | | <770 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <770 | jrw | SW 8270C | |
| Hexachloroethane | | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C | |
| Indeno(1,2,3-cd)pyrene | | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C | |
| Isophorone | | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C | |
| Naphthalene | | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C | |
| Nitrobenzene | | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/04/2001

Job Number: 01.14991

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------|------------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 700969 | SBI002:HMW23D:S000020:428 | | | | | | | | | DATE/TIME TAKEN 08/17/2001 09:00 |
| | N-Nitrosodi-n-propylamine | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C |
| | Phenanthrene | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C |
| | Pyrene | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C |
| | 1,2,4-Trichlorobenzene | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C |
| | Surrogate: d5-Nitrobenzene | 51 | | % | 08/30/2001 | 952 | 1480 | | jrw | SW 8270C |
| | Surrogate: 2-Fluorobiphenyl | 86 | | % | 08/30/2001 | 952 | 1480 | | jrw | SW 8270C |
| | Surrogate: d14-Terphenyl | 126 | | % | 08/30/2001 | 952 | 1480 | | jrw | SW 8270C |
| | ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | |
| | Benzoic Acid | <1,930 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <1,930 | jrw | SW 8270C |
| | 4-Chloro-3-methylphenol | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C |
| | 2-Chlorophenol | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C |
| | 2,4-Dichlorophenol | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C |
| | 2,4-Dimethylphenol | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C |
| | 2-Methyl-4,6-dinitrophenol | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C |
| | 2-Methylphenol | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C |
| | meta & para-Methylphenol | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C |
| | 2-Nitrophenol | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C |
| | Pentachlorophenol | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C |
| | Phenol | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C |
| | 2,4,5-Trichlorophenol | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C |
| | 2,4,6-Trichlorophenol | <385 | | ug/kg dw | 08/30/2001 | 952 | 1480 | <385 | jrw | SW 8270C |
| | Surrogate: d6-Phenol | 87 | | % | 08/30/2001 | 952 | 1480 | | jrw | SW 8270C |
| | Surrogate: 2-Fluorophenol | 83 | | % | 08/30/2001 | 952 | 1480 | | jrw | SW 8270C |
| | Surrogate: Tribromophenol | 57 | | % | 08/30/2001 | 952 | 1480 | | jrw | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

09/04/2001

Job Number: 01.14991

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting | Analyst | Method Reference |
|-------------------------|---------------------------|--------|------|----------|---------------|-------|-------|-----------|---------|--|
| | | | | | | Batch | Batch | | | |
| 700969 | SBI002:HMW23D:S000020:428 | | | | | | | | | |
| | | | | | | | | | | DATE/TIME TAKEN 08/17/2001 09:00 |
| TPH - DRO Non-Aqueous | | 95.8 | | mg/kg dw | 08/22/2001 | 199 | 286 | <12 | rrs | SW 8015M |
| TPH - GRO (Non-Aqueous) | | <6 | | mg/kg dw | 08/23/2001 | | 248 | <6 | mcb | SW 8015M |

QUALITY CONTROL FLAG DEFINITIONS

PAGE 12 of 12

Job Number: 01.14991

(*) Indicates an out-of-control QC. The analytical data was reported based on other supporting quality control information.

(Note) Indicates to review the notes and comments section of the analytical report as there is additional information concerning this analytical result.

(MS) Indicates that the Matrix Spike (MS) was out of statistical advisory limits.

(MSD) Indicates that the Matrix Spike Duplicate (MSD) was out of statistical advisory limits.

(RPD) Indicates that the Relative Percent Difference (RPD) for the MS/MSD pair was outside of statistical advisory limits.

(SS) Indicates that the MS and MSD were out of statistical advisory limits.

(SSR) Indicates that the MS, MSD and RPD were out of statistical advisory limits.

(MSR) Indicates that the MS and RPD were out of statistical advisory limits.

(MSDR) Indicates that the MSD and RPD were out of statistical advisory limits.

(DL) Indicates that the MS and MSD were diluted out and the percent recoveries of the spikes could not be calculated.

(LS) Indicates that statistical accuracy and precision data is not available for spike concentrations which are $< 1/4$ of the sample amount. Care should be used in interpreting this data.

(J) Indicates estimated concentration due to internal standard areas or surrogate recoveries outside of control limits. A sample matrix effect is usually indicated.

(DW) Indicates Dry Weight.

Analytical Reporting Limits

The reporting limits listed for non-aqueous samples in the analytical report section are Practical Quantitation Limits (PQLs). These PQLs are based upon a typical standard weight used for a non-aqueous sample. The reporting limit for a sample may be different from the PQL listed depending upon the actual weight of sample used, the samples moisture content and any dilutions used during the analysis.



CHAIN OF CUSTODY RECORD

Dublin
6130 Wilcox Road
Dublin, Ohio 43016
Phone: (614) 385-8777
FAX: (614) 385-9070

Dublin
3401 Glendale Avenue
SUITE 300
Toledo, Ohio 43614
Phone: (419) 385-2018
FAX: (419) 385-5489

Mason
4700 Duke Drive, Suite 172
Mason, Ohio 45040
Phone: (513) 459-8677
FAX: (513) 459-9889

Warrensville Heights
4949 Celery Parkway, Suite S
Warrensville Heights, Ohio 44128
Phone: (216) 514-7100
FAX: (216) 514-7104

REPORT TO: KEVIN WICKSTADT

Client: SURSA BEIRD
Site: AREA A
Project#: SB1002 Phase: OIL TST
Samplers: RTM

- SAMPLE TYPES: A - Cool only, <4° C, B - HNO₃, pH<2, C - H₂SO₄, pH<2, D - SEWAGE, E - NaOH, pH>12, F - Zn acetate + NaOH, pH>9, G - HCl, pH<2
 - METALS: F - NOT FILTERED, N - BOTH
- All samples are kept at 4°C.

| PROJECT NO. | SAMPLE LOCATION | SAMPLE TYPE | SAMPLER ID | NO. OF METALS CONT. | SAMPLING DATE/TIME | ANALYSES | COMMENTS |
|-------------|-----------------|-------------|------------|---------------------|--------------------|-------------------------------|----------|
| SB1002 | HMOE23D:Source | | 428 | 4 | 8-17-01 5:00 | TRH GRS TRH DRB TRH MRS | VOI |
| SB1002 | TBI : WOE1701 | | | 3 | 8-17-01 5:00 | | |
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RELINQUISHED BY: RTM
RECEIVED BY: Steve King
DATE: 8-17-01 TIME: 5:00

RELINQUISHED BY: Steve King
RECEIVED BY: Steve King
DATE: 8-17-01 TIME: 5:00

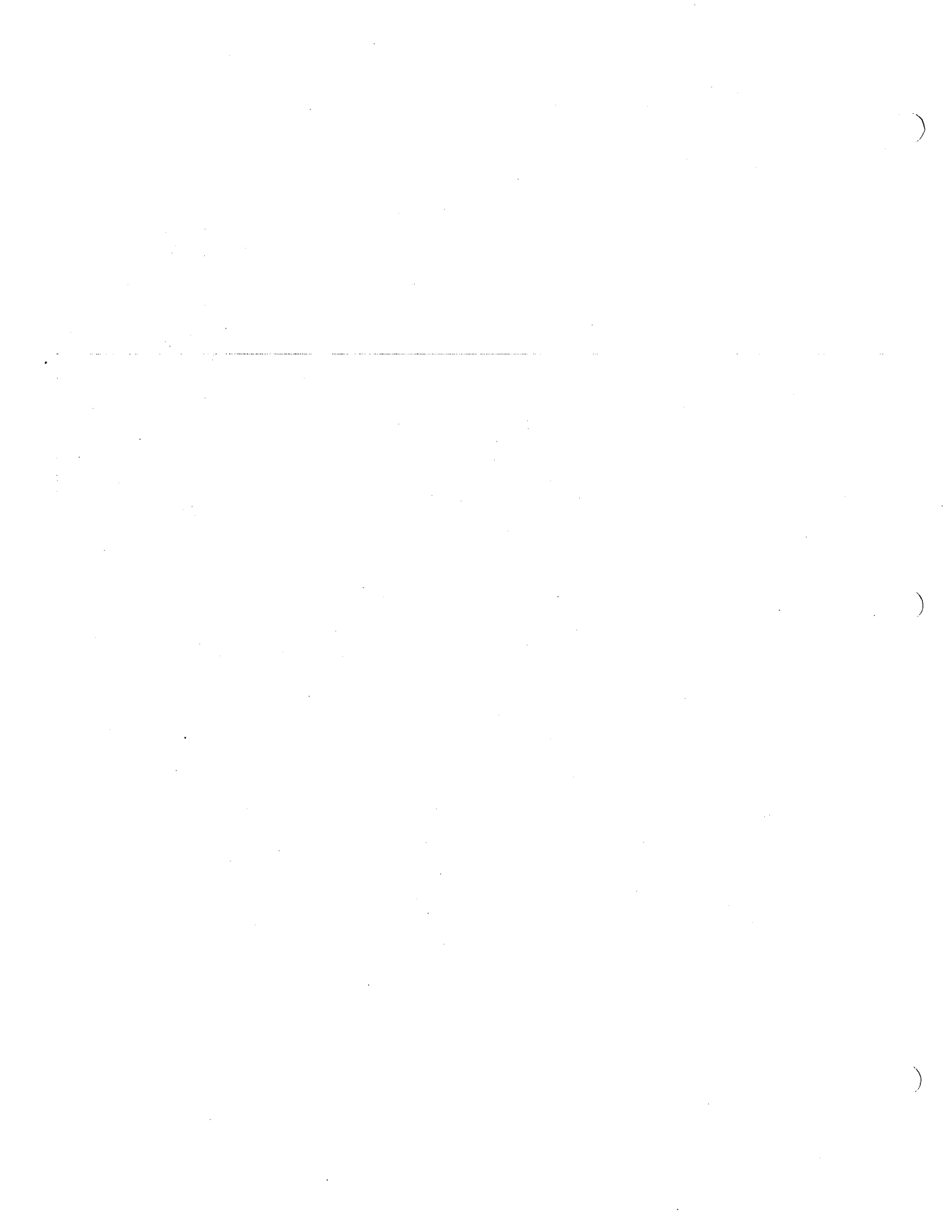
RELINQUISHED BY: Steve King
RECEIVED BY: Steve King
DATE: 8-17-01 TIME: 5:00

COOLER TEMPERATURE AS RECEIVED °C: 5

PAGE 1 OF 1
NO. 5333

TURN AROUND TIME: 5 DAYS

DELIVER TO: TEST AMERICA
METHOD OF DELIVERY: FED EX
AIRBILL NUMBER: 820265508337
NOTES: REQUESTING STEAK TRIP
BLANK PLEASE



SBI002

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

09/05/2001

Job Number: 01.15425

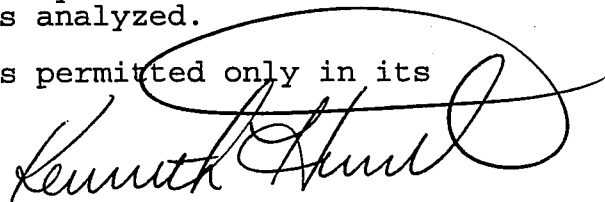
Enclosed is the analytical report for the following samples submitted to the Dayton Division of TestAmerica, Inc. for analysis:

| <u>Sample Number</u> | <u>Sample Description</u> | <u>Date Taken</u> | <u>Date Received</u> |
|----------------------|---------------------------|-------------------|----------------------|
| 702159 | SBI002:HMW15S:S080090:428 | 08/23/2001 | 08/24/2001 |
| 702160 | SBI002:HMW15S:S040050:428 | 08/23/2001 | 08/24/2001 |
| 702161 | SBI002:TB1:W082301:428 | 08/23/2001 | 08/24/2001 |
| 702162 | SBI002:SB26A:S020040:505 | 08/23/2001 | 08/24/2001 |
| 702163 | SBI002:SB27A:S020040:505 | 08/23/2001 | 08/24/2001 |

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Reproduction of this analytical report is permitted only in its entirety.

Enclosure


Approved By

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

09/05/2001

Job Number: 01.15425

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|---------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 702159 | SBI002:HMW15S:S080090:428 | | | | | | | | | DATE/TIME TAKEN 08/23/2001 08:00 |
| Dibromomethane | | <6.0 | | ug/kg dw | 08/28/2001 | | 1487 | <6.0 | jxc | SW 8260A |
| Dichlorodifluoromethane | | <6.0 | | ug/kg dw | 08/28/2001 | | 1487 | <6.0 | jxc | SW 8260A |
| 1,2-Dibromo-3-chloropropane | | <6.0 | | ug/kg dw | 08/28/2001 | | 1487 | <6.0 | jxc | SW 8260A |
| 1,2-Dichlorobenzene | | <6.0 | | ug/kg dw | 08/28/2001 | | 1487 | <6.0 | jxc | SW 8260A |
| 1,3-Dichlorobenzene | | <6.0 | | ug/kg dw | 08/28/2001 | | 1487 | <6.0 | jxc | SW 8260A |
| 1,4-Dichlorobenzene | | <6.0 | | ug/kg dw | 08/28/2001 | | 1487 | <6.0 | jxc | SW 8260A |
| 1,1-Dichloroethane | | <6.0 | | ug/kg dw | 08/28/2001 | | 1487 | <6.0 | jxc | SW 8260A |
| 1,2-Dichloroethane | | <6.0 | | ug/kg dw | 08/28/2001 | | 1487 | <6.0 | jxc | SW 8260A |
| 1,1-Dichloroethene | | <6.0 | | ug/kg dw | 08/28/2001 | | 1487 | <6.0 | jxc | SW 8260A |
| cis-1,2-Dichloroethene | | <6.0 | | ug/kg dw | 08/28/2001 | | 1487 | <6.0 | jxc | SW 8260A |
| trans-1,2-Dichloroethene | | <6.0 | | ug/kg dw | 08/28/2001 | | 1487 | <6.0 | jxc | SW 8260A |
| 1,2-Dichloropropane | | <6.0 | | ug/kg dw | 08/28/2001 | | 1487 | <6.0 | jxc | SW 8260A |
| 1,3-Dichloropropane | | <6.0 | | ug/kg dw | 08/28/2001 | | 1487 | <6.0 | jxc | SW 8260A |
| 2,2-Dichloropropane | | <6.0 | | ug/kg dw | 08/28/2001 | | 1487 | <6.0 | jxc | SW 8260A |
| 1,1-Dichloropropene | | <6.0 | | ug/kg dw | 08/28/2001 | | 1487 | <6.0 | jxc | SW 8260A |
| cis-1,3-Dichloropropene | | <6.0 | | ug/kg dw | 08/28/2001 | | 1487 | <6.0 | jxc | SW 8260A |
| trans-1,3-Dichloropropene | | <6.0 | | ug/kg dw | 08/28/2001 | | 1487 | <6.0 | jxc | SW 8260A |
| Ethylbenzene | | <6.0 | | ug/kg dw | 08/28/2001 | | 1487 | <6.0 | jxc | SW 8260A |
| Hexachlorobutadiene | | <6.0 | | ug/kg dw | 08/28/2001 | | 1487 | <6.0 | jxc | SW 8260A |
| n-Hexane | | <24.0 | | ug/kg dw | 08/28/2001 | | 1487 | <24.0 | jxc | SW 8260A |
| 2-Hexanone | | <60.0 | | ug/kg dw | 08/28/2001 | | 1487 | <60.0 | jxc | SW 8260A |
| Isopropylbenzene (Cumene) | | <6.0 | | ug/kg dw | 08/28/2001 | | 1487 | <6.0 | jxc | SW 8260A |
| p-Isopropyltoluene | | <6.0 | | ug/kg dw | 08/28/2001 | | 1487 | <6.0 | jxc | SW 8260A |
| Bromomethane | | <12.0 | | ug/kg dw | 08/28/2001 | | 1487 | <12.0 | jxc | SW 8260A |
| Methylene Chloride | | <12.0 | | ug/kg dw | 08/28/2001 | | 1487 | <12.0 | jxc | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

09/05/2001

Job Number: 01.15425

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------------------------|---------------------------|----------|------------|-------|---------------|--------------|--------------|-----------------|----------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 702159 | SBI002:HMW15S:S080090:428 | | | | | | | | | |
| | | | | | | | | | | DATE/TIME TAKEN |
| | | | | | | | | | | 08/23/2001 08:00 |
| Methyl t-butyl ether (MTBE) | <6.0 | ug/kg dw | 08/28/2001 | 1487 | <6.0 | jxc | SW 8260A | | | |
| 4-Methyl-2-pentanone (MIBK) | <60.0 | ug/kg dw | 08/28/2001 | 1487 | <60.0 | jxc | SW 8260A | | | |
| n-Propylbenzene | <6.0 | ug/kg dw | 08/28/2001 | 1487 | <6.0 | jxc | SW 8260A | | | |
| Styrene | <6.0 | ug/kg dw | 08/28/2001 | 1487 | <6.0 | jxc | SW 8260A | | | |
| Naphthalene | <6.0 | ug/kg dw | 08/28/2001 | 1487 | <6.0 | jxc | SW 8260A | | | |
| 1,1,1,2-Tetrachloroethane | <6.0 | ug/kg dw | 08/28/2001 | 1487 | <6.0 | jxc | SW 8260A | | | |
| 1,1,2,2-Tetrachloroethane | <6.0 | ug/kg dw | 08/28/2001 | 1487 | <6.0 | jxc | SW 8260A | | | |
| Tetrachloroethene | <6.0 | ug/kg dw | 08/28/2001 | 1487 | <6.0 | jxc | SW 8260A | | | |
| Toluene | <6.0 | ug/kg dw | 08/28/2001 | 1487 | <6.0 | jxc | SW 8260A | | | |
| 1,2,4-Trichlorobenzene | <6.0 | ug/kg dw | 08/28/2001 | 1487 | <6.0 | jxc | SW 8260A | | | |
| 1,1,1-Trichloroethane | <6.0 | ug/kg dw | 08/28/2001 | 1487 | <6.0 | jxc | SW 8260A | | | |
| 1,1,2-Trichloroethane | <6.0 | ug/kg dw | 08/28/2001 | 1487 | <6.0 | jxc | SW 8260A | | | |
| Trichloroethene | <6.0 | ug/kg dw | 08/28/2001 | 1487 | <6.0 | jxc | SW 8260A | | | |
| Trichlorofluoromethane | <6.0 | ug/kg dw | 08/28/2001 | 1487 | <6.0 | jxc | SW 8260A | | | |
| 1,2,3-Trichloropropane | <6.0 | ug/kg dw | 08/28/2001 | 1487 | <6.0 | jxc | SW 8260A | | | |
| 1,2,4-Trimethylbenzene | <6.0 | ug/kg dw | 08/28/2001 | 1487 | <6.0 | jxc | SW 8260A | | | |
| 1,3,5-Trimethylbenzene | <6.0 | ug/kg dw | 08/28/2001 | 1487 | <6.0 | jxc | SW 8260A | | | |
| Vinyl Acetate | <6.0 | ug/kg dw | 08/28/2001 | 1487 | <6.0 | jxc | SW 8260A | | | |
| Vinyl Chloride | <2.4 | ug/kg dw | 08/28/2001 | 1487 | <2.4 | jxc | SW 8260A | | | |
| Xylenes, Total | <6.0 | ug/kg dw | 08/28/2001 | 1487 | <6.0 | jxc | SW 8260A | | | |
| d4-1,2-Dichloroethane (surr) | 93 | % | 08/28/2001 | 1487 | | jxc | SW 8260A | | | |
| Dibromofluoromethane (surr) | 97 | % | 08/28/2001 | 1487 | | jxc | SW 8260A | | | |
| d8-Toluene (surr) | 94 | % | 08/28/2001 | 1487 | | jxc | SW 8260A | | | |
| Bromofluorobenzene (surr) | 92 | % | 08/28/2001 | 1487 | | jxc | SW 8260A | | | |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
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09/05/2001

Job Number: 01.15425

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|-------------------------------|------------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 702159 | SBI002:HMW15S:S080090:428 | | | | | | | | | |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| | Acenaphthene | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | dmg | SW 8270C |
| | Acenaphthylene | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | dmg | SW 8270C |
| | Anthracene | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | dmg | SW 8270C |
| | Benzo(a)anthracene | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | dmg | SW 8270C |
| | Benzo(b)fluoranthene | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | dmg | SW 8270C |
| | Benzo(k)fluoranthene | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | dmg | SW 8270C |
| | Benzo(a)pyrene | <198 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <198 | dmg | SW 8270C |
| | Benzyl alcohol | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | dmg | SW 8270C |
| | Benzyl butyl phthalate | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | dmg | SW 8270C |
| | Bis(2-chloroethyl)ether | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | dmg | SW 8270C |
| | Bis(2-chloroethoxy)methane | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | dmg | SW 8270C |
| | Bis(2-ethylhexyl)phthalate | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | dmg | SW 8270C |
| | 2,2'-oxybis(1-Chloropropane) | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | dmg | SW 8270C |
| | 4-Bromophenyl phenyl ether | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | dmg | SW 8270C |
| | 4-Chloroaniline | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | dmg | SW 8270C |
| | 2-Chloronaphthalene | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | dmg | SW 8270C |
| | Chrysene | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | dmg | SW 8270C |
| | Dibenzo(a,h)anthracene | <198 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <198 | dmg | SW 8270C |
| | Dibenzofuran | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | dmg | SW 8270C |
| | 1,2-Dichlorobenzene | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | dmg | SW 8270C |
| | 1,3-Dichlorobenzene | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | dmg | SW 8270C |
| | 1,4-Dichlorobenzene | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | dmg | SW 8270C |
| | 3,3'-Dichlorobenzidine | <792 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <792 | dmg | SW 8270C |
| | Diethyl phthalate | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | dmg | SW 8270C |

ANALYTICAL REPORT

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 6130 Wilcox Rd.
 Dublin, OH 43016

09/05/2001

Job Number: 01.15425

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|------------------------------|--------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 702159 | SBI002:HMW15S:S080090:428 | | | | | | | | | DATE/TIME TAKEN 08/23/2001 08:00 |
| | Dimethyl phthalate | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | dmg | SW 8270C |
| | 2,4-Dinitrotoluene | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | dmg | SW 8270C |
| | 2,6-Dinitrotoluene | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | dmg | SW 8270C |
| | Di-n-octylphthalate | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | dmg | SW 8270C |
| | Fluoranthene | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | dmg | SW 8270C |
| | Fluorene | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | dmg | SW 8270C |
| | Hexachlorobenzene | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | dmg | SW 8270C |
| | Hexachloro-1,3-butadiene | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | dmg | SW 8270C |
| | Hexachlorocyclopentadiene | <792 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <792 | dmg | SW 8270C |
| | Hexachloroethane | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | dmg | SW 8270C |
| | Indeno(1,2,3-cd)pyrene | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | dmg | SW 8270C |
| | Isophorone | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | dmg | SW 8270C |
| | Naphthalene | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | dmg | SW 8270C |
| | Nitrobenzene | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | dmg | SW 8270C |
| | N-Nitrosodi-n-propylamine | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | dmg | SW 8270C |
| | Phenanthrene | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | dmg | SW 8270C |
| | Pyrene | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | dmg | SW 8270C |
| | 1,2,4-Trichlorobenzene | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | dmg | SW 8270C |
| | Surrogate: d5-Nitrobenzene | 86 | | % | 08/30/2001 | 956 | 1478 | | dmg | SW 8270C |
| | Surrogate: 2-Fluorobiphenyl | 81 | | % | 08/30/2001 | 956 | 1478 | | dmg | SW 8270C |
| | Surrogate: d14-Terphenyl | 86 | | % | 08/30/2001 | 956 | 1478 | | dmg | SW 8270C |
| | ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | |
| | Benzoic Acid | <1,980 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <1,980 | dmg | SW 8270C |
| | 4-Chloro-3-methylphenol | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | dmg | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/05/2001

Job Number: 01.15425

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|----------------------------|---------------------------|----------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|----------------------------|
| | | | | | | | | | | | |
| 702159 | SBI002:HMW15S:S080090:428 | | | | | | | | | | 08/23/2001 08:00 |
| 2-Chlorophenol | | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | | dmg | SW 8270C |
| 2,4-Dichlorophenol | | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | | dmg | SW 8270C |
| 2,4-Dimethylphenol | | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | | dmg | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | | dmg | SW 8270C |
| 2-Methylphenol | | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | | dmg | SW 8270C |
| meta & para-Methylphenol | | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | | dmg | SW 8270C |
| 2-Nitrophenol | | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | | dmg | SW 8270C |
| Pentachlorophenol | | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | | dmg | SW 8270C |
| Phenol | | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | | dmg | SW 8270C |
| 2,4,5-Trichlorophenol | | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | | dmg | SW 8270C |
| 2,4,6-Trichlorophenol | | <396 | | ug/kg dw | 08/30/2001 | 956 | 1478 | <396 | | dmg | SW 8270C |
| Surrogate: d6-Phenol | | 81 | | % | 08/30/2001 | 956 | 1478 | | | dmg | SW 8270C |
| Surrogate: 2-Fluorophenol | | 82 | | % | 08/30/2001 | 956 | 1478 | | | dmg | SW 8270C |
| Surrogate: Tribromophenol | | 86 | | % | 08/30/2001 | 956 | 1478 | | | dmg | SW 8270C |
| TPH - FTIR Non-aq | | <60 | | mg/kg dw | 08/28/2001 | 597 | 629 | <12 | | 260 | 418.1 |
| 702160 | SBI002:HMW15S:S040050:428 | | | | | | | | | | 08/23/2001 07:50 |
| Dry Weight | | 91.7 | | % | 08/29/2001 | | 1487 | | | mhg | SM 2540 G. |
| Prep, BNA Non-Aq | | Complete | | | 08/27/2001 | 956 | | Complete | | mlr | EPA 625; SW 3540C; SW 3545 |
| Prep, TPH 418.1 Nonaq | | COMPLETE | | | 08/28/2001 | 597 | | Complete | | 260 | SW 9071 |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

09/05/2001

Job Number: 01.15425

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|--------------------------------|---------------------------|----------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 702160 | SBI002:HMW15S:S040050:428 | | | | | | | | | | 08/23/2001 07:50 |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | | Complete | | | 08/28/2001 | | 1487 | Complete | jxc | | |
| Acetone | | <109 | | ug/kg dw | 08/28/2001 | | 1487 | <109 | jxc | SW 8260A | |
| Benzene | | <5.5 | | ug/kg dw | 08/28/2001 | | 1487 | <5.5 | jxc | SW 8260A | |
| tert-Butylbenzene | | <5.5 | | ug/kg dw | 08/28/2001 | | 1487 | <5.5 | jxc | SW 8260A | |
| sec-Butylbenzene | | <5.5 | | ug/kg dw | 08/28/2001 | | 1487 | <5.5 | jxc | SW 8260A | |
| n-Butylbenzene | | <5.5 | | ug/kg dw | 08/28/2001 | | 1487 | <5.5 | jxc | SW 8260A | |
| Bromochloromethane | | <5.5 | | ug/kg dw | 08/28/2001 | | 1487 | <5.5 | jxc | SW 8260A | |
| Bromodichloromethane | | <5.5 | | ug/kg dw | 08/28/2001 | | 1487 | <5.5 | jxc | SW 8260A | |
| Bromoform | | <5.5 | | ug/kg dw | 08/28/2001 | | 1487 | <5.5 | jxc | SW 8260A | |
| Bromobenzene | | <5.5 | | ug/kg dw | 08/28/2001 | | 1487 | <5.5 | jxc | SW 8260A | |
| 2-Butanone (MEK) | | <55 | | ug/kg dw | 08/28/2001 | | 1487 | <55 | jxc | SW 8260A | |
| Carbon disulfide | | <5.5 | | ug/kg dw | 08/28/2001 | | 1487 | <5.5 | jxc | SW 8260A | |
| Carbon tetrachloride | | <5.5 | | ug/kg dw | 08/28/2001 | | 1487 | <5.5 | jxc | SW 8260A | |
| Chlorobenzene | | <5.5 | | ug/kg dw | 08/28/2001 | | 1487 | <5.5 | jxc | SW 8260A | |
| Chloroethane | | <10.9 | | ug/kg dw | 08/28/2001 | | 1487 | <10.9 | jxc | SW 8260A | |
| 2-Chlorotoluene | | <5.5 | | ug/kg dw | 08/28/2001 | | 1487 | <5.5 | jxc | SW 8260A | |
| 4-Chlorotoluene | | <5.5 | | ug/kg dw | 08/28/2001 | | 1487 | <5.5 | jxc | SW 8260A | |
| Chloroform | | <5.5 | | ug/kg dw | 08/28/2001 | | 1487 | <5.5 | jxc | SW 8260A | |
| Chloromethane | | <10.9 | | ug/kg dw | 08/28/2001 | | 1487 | <10.9 | jxc | SW 8260A | |
| Dibromochloromethane | | <5.5 | | ug/kg dw | 08/28/2001 | | 1487 | <5.5 | jxc | SW 8260A | |
| Dibromomethane | | <5.5 | | ug/kg dw | 08/28/2001 | | 1487 | <5.5 | jxc | SW 8260A | |
| Dichlorodifluoromethane | | <5.5 | | ug/kg dw | 08/28/2001 | | 1487 | <5.5 | jxc | SW 8260A | |
| 1,2-Dibromo-3-chloropropane | | <5.5 | | ug/kg dw | 08/28/2001 | | 1487 | <5.5 | jxc | SW 8260A | |
| 1,2-Dichlorobenzene | | <5.5 | | ug/kg dw | 08/28/2001 | | 1487 | <5.5 | jxc | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

09/05/2001

Job Number: 01.15425

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|-----------------------------|---------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 702160 | SBI002:HMW15S:S040050:428 | | | | | | | | | | 08/23/2001 07:50 |
| 1,3-Dichlorobenzene | | <5.5 | | ug/kg dw | 08/28/2001 | 1487 | 1487 | <5.5 | jxc | SW 8260A | |
| 1,4-Dichlorobenzene | | <5.5 | | ug/kg dw | 08/28/2001 | 1487 | 1487 | <5.5 | jxc | SW 8260A | |
| 1,1-Dichloroethane | | <5.5 | | ug/kg dw | 08/28/2001 | 1487 | 1487 | <5.5 | jxc | SW 8260A | |
| 1,2-Dichloroethane | | <5.5 | | ug/kg dw | 08/28/2001 | 1487 | 1487 | <5.5 | jxc | SW 8260A | |
| 1,1-Dichloroethene | | <5.5 | | ug/kg dw | 08/28/2001 | 1487 | 1487 | <5.5 | jxc | SW 8260A | |
| cis-1,2-Dichloroethene | | <5.5 | | ug/kg dw | 08/28/2001 | 1487 | 1487 | <5.5 | jxc | SW 8260A | |
| trans-1,2-Dichloroethene | | <5.5 | | ug/kg dw | 08/28/2001 | 1487 | 1487 | <5.5 | jxc | SW 8260A | |
| 1,2-Dichloropropane | | <5.5 | | ug/kg dw | 08/28/2001 | 1487 | 1487 | <5.5 | jxc | SW 8260A | |
| 1,3-Dichloropropane | | <5.5 | | ug/kg dw | 08/28/2001 | 1487 | 1487 | <5.5 | jxc | SW 8260A | |
| 2,2-Dichloropropane | | <5.5 | | ug/kg dw | 08/28/2001 | 1487 | 1487 | <5.5 | jxc | SW 8260A | |
| 1,1-Dichloropropene | | <5.5 | | ug/kg dw | 08/28/2001 | 1487 | 1487 | <5.5 | jxc | SW 8260A | |
| cis-1,3-Dichloropropene | | <5.5 | | ug/kg dw | 08/28/2001 | 1487 | 1487 | <5.5 | jxc | SW 8260A | |
| trans-1,3-Dichloropropene | | <5.5 | | ug/kg dw | 08/28/2001 | 1487 | 1487 | <5.5 | jxc | SW 8260A | |
| Ethylbenzene | | <5.5 | | ug/kg dw | 08/28/2001 | 1487 | 1487 | <5.5 | jxc | SW 8260A | |
| Hexachlorobutadiene | | <5.5 | | ug/kg dw | 08/28/2001 | 1487 | 1487 | <5.5 | jxc | SW 8260A | |
| n-Hexane | | <21.8 | | ug/kg dw | 08/28/2001 | 1487 | 1487 | <21.8 | jxc | SW 8260A | |
| 2-Hexanone | | <54.5 | | ug/kg dw | 08/28/2001 | 1487 | 1487 | <54.5 | jxc | SW 8260A | |
| Isopropylbenzene (Cumene) | | <5.5 | | ug/kg dw | 08/28/2001 | 1487 | 1487 | <5.5 | jxc | SW 8260A | |
| p-Isopropyltoluene | | <5.5 | | ug/kg dw | 08/28/2001 | 1487 | 1487 | <5.5 | jxc | SW 8260A | |
| Bromomethane | | <10.9 | | ug/kg dw | 08/28/2001 | 1487 | 1487 | <10.9 | jxc | SW 8260A | |
| Methylene Chloride | | <10.9 | | ug/kg dw | 08/28/2001 | 1487 | 1487 | <10.9 | jxc | SW 8260A | |
| Methyl t-butyl ether (MTBE) | | <5.5 | | ug/kg dw | 08/28/2001 | 1487 | 1487 | <5.5 | jxc | SW 8260A | |
| 4-Methyl-2-pentanone (MIBK) | | <54.5 | | ug/kg dw | 08/28/2001 | 1487 | 1487 | <54.5 | jxc | SW 8260A | |
| n-Propylbenzene | | <5.5 | | ug/kg dw | 08/28/2001 | 1487 | 1487 | <5.5 | jxc | SW 8260A | |
| Styrene | | <5.5 | | ug/kg dw | 08/28/2001 | 1487 | 1487 | <5.5 | jxc | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

09/05/2001

Job Number: 01.15425

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|-------------------------------|---------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 702160 | SBI002:HMW15S:S040050:428 | | | | | | | | | | 08/23/2001 07:50 |
| Naphthalene | | <5.5 | | ug/kg dw | 08/28/2001 | | 1487 | <5.5 | jxc | SW 8260A | |
| 1,1,1,2-Tetrachloroethane | | <5.5 | | ug/kg dw | 08/28/2001 | | 1487 | <5.5 | jxc | SW 8260A | |
| 1,1,2,2-Tetrachloroethane | | <5.5 | | ug/kg dw | 08/28/2001 | | 1487 | <5.5 | jxc | SW 8260A | |
| Tetrachloroethene | | <5.5 | | ug/kg dw | 08/28/2001 | | 1487 | <5.5 | jxc | SW 8260A | |
| Toluene | | <5.5 | | ug/kg dw | 08/28/2001 | | 1487 | <5.5 | jxc | SW 8260A | |
| 1,2,4-Trichlorobenzene | | <5.5 | | ug/kg dw | 08/28/2001 | | 1487 | <5.5 | jxc | SW 8260A | |
| 1,1,1-Trichloroethane | | <5.5 | | ug/kg dw | 08/28/2001 | | 1487 | <5.5 | jxc | SW 8260A | |
| 1,1,2-Trichloroethane | | <5.5 | | ug/kg dw | 08/28/2001 | | 1487 | <5.5 | jxc | SW 8260A | |
| Trichloroethene | | <5.5 | | ug/kg dw | 08/28/2001 | | 1487 | <5.5 | jxc | SW 8260A | |
| Trichlorofluoromethane | | <5.5 | | ug/kg dw | 08/28/2001 | | 1487 | <5.5 | jxc | SW 8260A | |
| 1,2,3-Trichloropropane | | <5.5 | | ug/kg dw | 08/28/2001 | | 1487 | <5.5 | jxc | SW 8260A | |
| 1,2,4-Trimethylbenzene | | <5.5 | | ug/kg dw | 08/28/2001 | | 1487 | <5.5 | jxc | SW 8260A | |
| 1,3,5-Trimethylbenzene | | <5.5 | | ug/kg dw | 08/28/2001 | | 1487 | <5.5 | jxc | SW 8260A | |
| Vinyl Acetate | | <5.5 | | ug/kg dw | 08/28/2001 | | 1487 | <5.5 | jxc | SW 8260A | |
| Vinyl Chloride | | <2.2 | | ug/kg dw | 08/28/2001 | | 1487 | <2.2 | jxc | SW 8260A | |
| Xylenes, Total | | <5.5 | | ug/kg dw | 08/28/2001 | | 1487 | <5.5 | jxc | SW 8260A | |
| d4-1,2-Dichloroethane (surr) | 93 | | | % | 08/28/2001 | | 1487 | | jxc | SW 8260A | |
| Dibromofluoromethane (surr) | 100 | | | % | 08/28/2001 | | 1487 | | jxc | SW 8260A | |
| d8-Toluene (surr) | 92 | | | % | 08/28/2001 | | 1487 | | jxc | SW 8260A | |
| Bromofluorobenzene (surr) | 101 | | | % | 08/28/2001 | | 1487 | | jxc | SW 8260A | |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | | |
| Acenaphthene | | <360 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <360 | jrw | SW 8270C | |
| Acenaphthylene | | 418 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <360 | jrw | SW 8270C | |
| Anthracene | | 2,660 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <360 | jrw | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
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09/05/2001

Job Number: 01.15425

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method | Reference |
|------------|------------------------------|--------|------|----------|------------|-------|-------|-----------|----------|--------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | | |
| 702160 | SBI002:HMW15S:S040050:428 | | | | | | | | | | DATE/TIME TAKEN 08/23/2001 07:50 |
| | Benzo(a)anthracene | 7,880 | | ug/kg dw | 08/31/2001 | 956 | 1479 | <3,600 | jcs | SW | 8270C |
| | Benzo(b)fluoranthene | 10,800 | | ug/kg dw | 08/31/2001 | 956 | 1479 | <3,600 | jcs | SW | 8270C |
| | Benzo(k)fluoranthene | 2,990 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <360 | jrjw | SW | 8270C |
| | Benzo(a)pyrene | 7,610 | | ug/kg dw | 08/31/2001 | 956 | 1479 | <1,740 | jcs | SW | 8270C |
| | Benzyl alcohol | <360 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <360 | jrjw | SW | 8270C |
| | Benzyl butyl phthalate | <360 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <360 | jrjw | SW | 8270C |
| | Bis(2-chloroethyl)ether | <360 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <360 | jrjw | SW | 8270C |
| | Bis(2-chloroethoxy)methane | <360 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <360 | jrjw | SW | 8270C |
| | Bis(2-ethylhexyl)phthalate | <360 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <360 | jrjw | SW | 8270C |
| | 2,2'-oxybis(1-Chloropropane) | <360 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <360 | jrjw | SW | 8270C |
| | 4-Bromophenyl phenyl ether | <360 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <360 | jrjw | SW | 8270C |
| | 4-Chloroaniline | <360 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <360 | jrjw | SW | 8270C |
| | 2-Chloronaphthalene | <360 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <360 | jrjw | SW | 8270C |
| | Chrysene | 7,670 | | ug/kg dw | 08/31/2001 | 956 | 1479 | <3,600 | jcs | SW | 8270C |
| | Dibenzo(a,h)anthracene | 410 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <180 | jrjw | SW | 8270C |
| | Dibenzofuran | 450 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <360 | jrjw | SW | 8270C |
| | 1,2-Dichlorobenzene | <360 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <360 | jrjw | SW | 8270C |
| | 1,3-Dichlorobenzene | <360 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <360 | jrjw | SW | 8270C |
| | 1,4-Dichlorobenzene | <360 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <360 | jrjw | SW | 8270C |
| | 3,3'-Dichlorobenzidine | <720 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <720 | jrjw | SW | 8270C |
| | Diethyl phthalate | <360 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <360 | jrjw | SW | 8270C |
| | Dimethyl phthalate | <360 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <360 | jrjw | SW | 8270C |
| | 2,4-Dinitrotoluene | <360 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <360 | jrjw | SW | 8270C |
| | 2,6-Dinitrotoluene | <360 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <360 | jrjw | SW | 8270C |
| | Di-n-octylphthalate | <360 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <360 | jrjw | SW | 8270C |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/05/2001

Job Number: 01.15425

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Analyst | Method Reference |
|------------------------------|---------------------------|----------|------|------------|---------------|--------------|--------------|-------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | |
| 702160 | SBI002:HMW15S:S040050:428 | | | | | | | | DATE/TIME TAKEN 08/23/2001 07:50 |
| Fluoranthene | 13,500 | ug/kg dw | | 08/31/2001 | 956 | 1479 | <3,600 | jcs | SW 8270C |
| Fluorene | 636 | ug/kg dw | | 08/29/2001 | 956 | 1480 | <360 | jrjw | SW 8270C |
| Hexachlorobenzene | <360 | ug/kg dw | | 08/29/2001 | 956 | 1480 | <360 | jrjw | SW 8270C |
| Hexachloro-1,3-butadiene | <360 | ug/kg dw | | 08/29/2001 | 956 | 1480 | <360 | jrjw | SW 8270C |
| Hexachlorocyclopentadiene | <720 | ug/kg dw | | 08/29/2001 | 956 | 1480 | <720 | jrjw | SW 8270C |
| Hexachloroethane | <360 | ug/kg dw | | 08/29/2001 | 956 | 1480 | <360 | jrjw | SW 8270C |
| Indeno(1,2,3-cd)pyrene | 1,180 | ug/kg dw | | 08/29/2001 | 956 | 1480 | <360 | jrjw | SW 8270C |
| Isophorone | <360 | ug/kg dw | | 08/29/2001 | 956 | 1480 | <360 | jrjw | SW 8270C |
| Naphthalene | <360 | ug/kg dw | | 08/29/2001 | 956 | 1480 | <360 | jrjw | SW 8270C |
| Nitrobenzene | <360 | ug/kg dw | | 08/29/2001 | 956 | 1480 | <360 | jrjw | SW 8270C |
| N-Nitrosodi-n-propylamine | <360 | ug/kg dw | | 08/29/2001 | 956 | 1480 | <360 | jrjw | SW 8270C |
| Phenanthrene | 6,660 | ug/kg dw | | 08/31/2001 | 956 | 1479 | <3,600 | jcs | SW 8270C |
| Pyrene | 15,500 | ug/kg dw | | 08/31/2001 | 956 | 1479 | <3,600 | jcs | SW 8270C |
| 1,2,4-Trichlorobenzene | <360 | ug/kg dw | | 08/29/2001 | 956 | 1480 | <360 | jrjw | SW 8270C |
| Surrogate: d5-Nitrobenzene | 80 | % | | 08/29/2001 | 956 | 1480 | | jrjw | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | 104 | % | | 08/29/2001 | 956 | 1480 | | jrjw | SW 8270C |
| Surrogate: d14-Terphenyl | 65 | % | | 08/29/2001 | 956 | 1480 | | jrjw | SW 8270C |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | |
| Benzoic Acid | <1,800 | ug/kg dw | | 08/29/2001 | 956 | 1480 | <1,800 | jrjw | SW 8270C |
| 4-Chloro-3-methylphenol | <360 | ug/kg dw | | 08/29/2001 | 956 | 1480 | <360 | jrjw | SW 8270C |
| 2-Chlorophenol | <360 | ug/kg dw | | 08/29/2001 | 956 | 1480 | <360 | jrjw | SW 8270C |
| 2,4-Dichlorophenol | <360 | ug/kg dw | | 08/29/2001 | 956 | 1480 | <360 | jrjw | SW 8270C |
| 2,4-Dimethylphenol | <360 | ug/kg dw | | 08/29/2001 | 956 | 1480 | <360 | jrjw | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | <360 | ug/kg dw | | 08/29/2001 | 956 | 1480 | <360 | jrjw | SW 8270C |

ANALYTICAL REPORT

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 6130 Wilcox Rd.
 Dublin, OH 43016

09/05/2001

Job Number: 01.15425

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|---------------------------|---------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 702160 | SBI002:HMW15S:S040050:428 | | | | | | | | | |
| | | | | | | | | | | DATE/TIME TAKEN |
| | | | | | | | | | | 08/23/2001 07:50 |
| 2-Methylphenol | | <360 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <360 | jrw | SW 8270C |
| meta & para-Methylphenol | | <360 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <360 | jrw | SW 8270C |
| 2-Nitrophenol | | <360 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <360 | jrw | SW 8270C |
| Pentachlorophenol | | <360 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <360 | jrw | SW 8270C |
| Phenol | | <360 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <360 | jrw | SW 8270C |
| 2,4,5-Trichlorophenol | | <360 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <360 | jrw | SW 8270C |
| 2,4,6-Trichlorophenol | | <360 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <360 | jrw | SW 8270C |
| Surrogate: d6-Phenol | | 87 | | % | 08/29/2001 | 956 | 1480 | | jrw | SW 8270C |
| Surrogate: 2-Fluorophenol | | 83 | | % | 08/29/2001 | 956 | 1480 | | jrw | SW 8270C |
| Surrogate: Tribromophenol | | 61 | | % | 08/29/2001 | 956 | 1480 | | jrw | SW 8270C |
| TPH - FTIR Non-aq | | 534 | | mg/kg dw | 08/28/2001 | 597 | 629 | <11 | 260 | 418.1 |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/05/2001

Job Number: 01.15425

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|--------------------------------|------------------------|----------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 702161 | SBI002:TB1:W082301:428 | | | | | | | | | |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | | Complete | | | 08/27/2001 | | 3525 | Complete | mrh | |
| Acetone | | <20.0 | | ug/L | 08/27/2001 | | 3525 | <20.0 | mrh | SW 8260A |
| Benzene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A |
| tert-Butylbenzene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A |
| sec-Butylbenzene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A |
| n-Butylbenzene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A |
| Bromochloromethane | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A |
| Bromodichloromethane | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A |
| Bromoform | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A |
| Bromobenzene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A |
| 2-Butanone (MEK) | | <12.5 | | ug/L | 08/27/2001 | | 3525 | <12.5 | mrh | SW 8260A |
| Carbon disulfide | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A |
| Carbon tetrachloride | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A |
| Chlorobenzene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A |
| Chloroethane | | <5.0 | | ug/L | 08/27/2001 | | 3525 | <5.0 | mrh | SW 8260A |
| 2-Chlorotoluene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A |
| 4-Chlorotoluene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A |
| Chloroform | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A |
| Chloromethane | | <5.0 | | ug/L | 08/27/2001 | | 3525 | <5.0 | mrh | SW 8260A |
| Dibromochloromethane | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A |
| Dibromomethane | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A |
| Dichlorodifluoromethane | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A |
| 1,2-Dibromo-3-chloropropane | | <5.0 | | ug/L | 08/27/2001 | | 3525 | <5.0 | mrh | SW 8260A |
| 1,2-Dichlorobenzene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/05/2001

Job Number: 01.15425

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Limit | Method | Reference |
|-----------------------------|------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------|----------|-------------------------------|
| | | | | | Analyzed | Batch | Batch | | Initials | | | |
| 702161 | SBI002:TB1:W082301:428 | | | | | | | | | | | DATE/TIME TAKEN 08/23/2001 |
| 1,3-Dichlorobenzene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | | SW 8260A | |
| 1,4-Dichlorobenzene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | | SW 8260A | |
| 1,1-Dichloroethane | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | | SW 8260A | |
| 1,2-Dichloroethane | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | | SW 8260A | |
| 1,1-Dichloroethene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | | SW 8260A | |
| cis-1,2-Dichloroethene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | | SW 8260A | |
| trans-1,2-Dichloroethene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | | SW 8260A | |
| 1,2-Dichloropropane | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | | SW 8260A | |
| 1,3-Dichloropropane | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | | SW 8260A | |
| 2,2-Dichloropropane | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | | SW 8260A | |
| 1,1-Dichloropropene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | | SW 8260A | |
| cis-1,3-Dichloropropene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | | SW 8260A | |
| trans-1,3-Dichloropropene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | | SW 8260A | |
| Ethylbenzene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | | SW 8260A | |
| Hexachlorobutadiene | | <5.0 | | ug/L | 08/27/2001 | | 3525 | <5.0 | mrh | | SW 8260A | |
| n-Hexane | | <5.0 | | ug/L | 08/27/2001 | | 3525 | <5.0 | mrh | | SW 8260A | |
| 2-Hexanone | | <12.5 | | ug/L | 08/27/2001 | | 3525 | <12.5 | mrh | | SW 8260A | |
| Isopropylbenzene (Cumene) | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | | SW 8260A | |
| p-Isopropyltoluene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | | SW 8260A | |
| Bromomethane | | <5.0 | | ug/L | 08/27/2001 | | 3525 | <5.0 | mrh | | SW 8260A | |
| Methylene Chloride | | <5.0 | | ug/L | 08/27/2001 | | 3525 | <5.0 | mrh | | SW 8260A | |
| Methyl t-butyl ether (MTBE) | | <5.0 | | ug/L | 08/27/2001 | | 3525 | <5.0 | mrh | | SW 8260A | |
| 4-Methyl-2-pentanone (MIBK) | | <12.5 | | ug/L | 08/27/2001 | | 3525 | <12.5 | mrh | | SW 8260A | |
| n-Propylbenzene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | | SW 8260A | |
| Styrene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/05/2001

Job Number: 01.15425

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------------------------|------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|-----------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 702161 | SBI002:TB1:W082301:428 | | | | | | | | | | 08/23/2001 |
| Naphthalene | | <5.0 | | ug/L | 08/27/2001 | | 3525 | <5.0 | mrh | SW 8260A | |
| 1,1,1,2-Tetrachloroethane | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| 1,1,2,2-Tetrachloroethane | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| Tetrachloroethene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| Toluene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| 1,2,4-Trichlorobenzene | | <5.0 | | ug/L | 08/27/2001 | | 3525 | <5.0 | mrh | SW 8260A | |
| 1,1,1-Trichloroethane | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| 1,1,2-Trichloroethane | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| Trichloroethene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| Trichlorofluoromethane | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| 1,2,3-Trichloropropane | | <5.0 | | ug/L | 08/27/2001 | | 3525 | <5.0 | mrh | SW 8260A | |
| 1,2,4-Trimethylbenzene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| Vinyl Acetate | | <5.0 | | ug/L | 08/27/2001 | | 3525 | <5.0 | mrh | SW 8260A | |
| Vinyl Chloride | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| Xylenes | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| d4-1,2-Dichloroethane (surr) | | 98 | | % | 08/27/2001 | | 3525 | | mrh | SW 8260A | |
| Dibromofluoromethane (surr) | | 100 | | % | 08/27/2001 | | 3525 | | mrh | SW 8260A | |
| d8-Toluene (surr) | | 101 | | % | 08/27/2001 | | 3525 | | mrh | SW 8260A | |
| Bromofluorobenzene (surr) | | 102 | | % | 08/27/2001 | | 3525 | | mrh | SW 8260A | |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

09/05/2001

Job Number: 01.15425

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|-------------------------------|--------------------------|----------|------|-------|---------------|--------------|--------------|-----------------|----------|----------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 702162 | SBI002:SB26A:S020040:505 | | | | | | | | | |
| | | 93.3 | | % | 08/29/2001 | | 1487 | | mhg | SM 2540 G. |
| | | Complete | | | 08/27/2001 | 956 | | Complete | mlr | EPA 625; SW 3540C; SW 3545 |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| Acenaphthene | <354 | ug/kg dw | | | 08/29/2001 | 956 | 1478 | <354 | dmg | SW 8270C |
| Acenaphthylene | <354 | ug/kg dw | | | 08/29/2001 | 956 | 1478 | <354 | dmg | SW 8270C |
| Anthracene | <354 | ug/kg dw | | | 08/29/2001 | 956 | 1478 | <354 | dmg | SW 8270C |
| Benzo(a)anthracene | <354 | ug/kg dw | | | 08/29/2001 | 956 | 1478 | <354 | dmg | SW 8270C |
| Benzo(b)fluoranthene | <354 | ug/kg dw | | | 08/29/2001 | 956 | 1478 | <354 | dmg | SW 8270C |
| Benzo(k)fluoranthene | <354 | ug/kg dw | | | 08/29/2001 | 956 | 1478 | <354 | dmg | SW 8270C |
| Benzo(a)pyrene | <177 | ug/kg dw | | | 08/29/2001 | 956 | 1478 | <177 | dmg | SW 8270C |
| Benzyl alcohol | <354 | ug/kg dw | | | 08/29/2001 | 956 | 1478 | <354 | dmg | SW 8270C |
| Benzyl butyl phthalate | <354 | ug/kg dw | | | 08/29/2001 | 956 | 1478 | <354 | dmg | SW 8270C |
| Bis(2-chloroethyl)ether | <354 | ug/kg dw | | | 08/29/2001 | 956 | 1478 | <354 | dmg | SW 8270C |
| Bis(2-chloroethoxy)methane | <354 | ug/kg dw | | | 08/29/2001 | 956 | 1478 | <354 | dmg | SW 8270C |
| Bis(2-ethylhexyl)phthalate | <354 | ug/kg dw | | | 08/29/2001 | 956 | 1478 | <354 | dmg | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | <354 | ug/kg dw | | | 08/29/2001 | 956 | 1478 | <354 | dmg | SW 8270C |
| 4-Bromophenyl phenyl ether | <354 | ug/kg dw | | | 08/29/2001 | 956 | 1478 | <354 | dmg | SW 8270C |
| 4-Chloroaniline | <354 | ug/kg dw | | | 08/29/2001 | 956 | 1478 | <354 | dmg | SW 8270C |
| 2-Chloronaphthalene | <354 | ug/kg dw | | | 08/29/2001 | 956 | 1478 | <354 | dmg | SW 8270C |
| Chrysene | <354 | ug/kg dw | | | 08/29/2001 | 956 | 1478 | <354 | dmg | SW 8270C |
| Dibenzo(a,h)anthracene | <177 | ug/kg dw | | | 08/29/2001 | 956 | 1478 | <177 | dmg | SW 8270C |
| Dibenzofuran | <354 | ug/kg dw | | | 08/29/2001 | 956 | 1478 | <354 | dmg | SW 8270C |
| 1,2-Dichlorobenzene | <354 | ug/kg dw | | | 08/29/2001 | 956 | 1478 | <354 | dmg | SW 8270C |
| 1,3-Dichlorobenzene | <354 | ug/kg dw | | | 08/29/2001 | 956 | 1478 | <354 | dmg | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
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09/05/2001

Job Number: 01.15425

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Prep | | Reporting | Analyst | Method Reference |
|-----------------------------|--------------------------|--------|------|----------|---------------|--------------|-----------|---------|------------------|
| | | | | | Date Analyzed | Batch Number | | | |
| 702162 | SBI002:SB26A:S020040:505 | | | | | | | | 08/23/2001 16:10 |
| 1,4-Dichlorobenzene | | <354 | | ug/kg dw | 08/29/2001 | 956 | 1478 | <354 | dmg SW 8270C |
| 3,3'-Dichlorobenzidine | | <707 | | ug/kg dw | 08/29/2001 | 956 | 1478 | <707 | dmg SW 8270C |
| Diethyl phthalate | | <354 | | ug/kg dw | 08/29/2001 | 956 | 1478 | <354 | dmg SW 8270C |
| Dimethyl phthalate | | <354 | | ug/kg dw | 08/29/2001 | 956 | 1478 | <354 | dmg SW 8270C |
| 2,4-Dinitrotoluene | | <354 | | ug/kg dw | 08/29/2001 | 956 | 1478 | <354 | dmg SW 8270C |
| 2,6-Dinitrotoluene | | <354 | | ug/kg dw | 08/29/2001 | 956 | 1478 | <354 | dmg SW 8270C |
| Di-n-octylphthalate | | <354 | | ug/kg dw | 08/29/2001 | 956 | 1478 | <354 | dmg SW 8270C |
| Fluoranthene | | <354 | | ug/kg dw | 08/29/2001 | 956 | 1478 | <354 | dmg SW 8270C |
| Fluorene | | <354 | | ug/kg dw | 08/29/2001 | 956 | 1478 | <354 | dmg SW 8270C |
| Hexachlorobenzene | | <354 | | ug/kg dw | 08/29/2001 | 956 | 1478 | <354 | dmg SW 8270C |
| Hexachloro-1,3-butadiene | | <354 | | ug/kg dw | 08/29/2001 | 956 | 1478 | <354 | dmg SW 8270C |
| Hexachlorocyclopentadiene | | <707 | | ug/kg dw | 08/29/2001 | 956 | 1478 | <707 | dmg SW 8270C |
| Hexachloroethane | | <354 | | ug/kg dw | 08/29/2001 | 956 | 1478 | <354 | dmg SW 8270C |
| Indeno(1,2,3-cd)pyrene | | <354 | | ug/kg dw | 08/29/2001 | 956 | 1478 | <354 | dmg SW 8270C |
| Isophorone | | <354 | | ug/kg dw | 08/29/2001 | 956 | 1478 | <354 | dmg SW 8270C |
| Naphthalene | | <354 | | ug/kg dw | 08/29/2001 | 956 | 1478 | <354 | dmg SW 8270C |
| Nitrobenzene | | <354 | | ug/kg dw | 08/29/2001 | 956 | 1478 | <354 | dmg SW 8270C |
| N-Nitrosodi-n-propylamine | | <354 | | ug/kg dw | 08/29/2001 | 956 | 1478 | <354 | dmg SW 8270C |
| Phenanthrene | | <354 | | ug/kg dw | 08/29/2001 | 956 | 1478 | <354 | dmg SW 8270C |
| Pyrene | | <354 | | ug/kg dw | 08/29/2001 | 956 | 1478 | <354 | dmg SW 8270C |
| 1,2,4-Trichlorobenzene | | <354 | | ug/kg dw | 08/29/2001 | 956 | 1478 | <354 | dmg SW 8270C |
| Surrogate: d5-Nitrobenzene | | 72 | | % | 08/29/2001 | 956 | 1478 | | dmg SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 79 | | % | 08/29/2001 | 956 | 1478 | | dmg SW 8270C |
| Surrogate: d14-Terphenyl | | 83 | | % | 08/29/2001 | 956 | 1478 | | dmg SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/05/2001

Job Number: 01.15425

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------------------------|----------------------------|--------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | |
| 702162 | SBI002:SB26A:S020040:505 | | | | | | | | | | 08/23/2001 16:10 |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | | |
| | Benzoic Acid | <1,770 | | ug/kg dw | 08/29/2001 | 956 | 1478 | <1,770 | dmg | SW 8270C | |
| | 4-Chloro-3-methylphenol | <354 | | ug/kg dw | 08/29/2001 | 956 | 1478 | <354 | dmg | SW 8270C | |
| | 2-Chlorophenol | <354 | | ug/kg dw | 08/29/2001 | 956 | 1478 | <354 | dmg | SW 8270C | |
| | 2,4-Dichlorophenol | <354 | | ug/kg dw | 08/29/2001 | 956 | 1478 | <354 | dmg | SW 8270C | |
| | 2,4-Dimethylphenol | <354 | | ug/kg dw | 08/29/2001 | 956 | 1478 | <354 | dmg | SW 8270C | |
| | 2-Methyl-4,6-dinitrophenol | <354 | | ug/kg dw | 08/29/2001 | 956 | 1478 | <354 | dmg | SW 8270C | |
| | 2-Methylphenol | <354 | | ug/kg dw | 08/29/2001 | 956 | 1478 | <354 | dmg | SW 8270C | |
| | meta & para-Methylphenol | <354 | | ug/kg dw | 08/29/2001 | 956 | 1478 | <354 | dmg | SW 8270C | |
| | 2-Nitrophenol | <354 | | ug/kg dw | 08/29/2001 | 956 | 1478 | <354 | dmg | SW 8270C | |
| | Pentachlorophenol | <354 | | ug/kg dw | 08/29/2001 | 956 | 1478 | <354 | dmg | SW 8270C | |
| | Phenol | <354 | | ug/kg dw | 08/29/2001 | 956 | 1478 | <354 | dmg | SW 8270C | |
| | 2,4,5-Trichlorophenol | <354 | | ug/kg dw | 08/29/2001 | 956 | 1478 | <354 | dmg | SW 8270C | |
| | 2,4,6-Trichlorophenol | <354 | | ug/kg dw | 08/29/2001 | 956 | 1478 | <354 | dmg | SW 8270C | |
| | Surrogate: d6-Phenol | 67 | | % | 08/29/2001 | 956 | 1478 | | dmg | SW 8270C | |
| | Surrogate: 2-Fluorophenol | 63 | | % | 08/29/2001 | 956 | 1478 | | dmg | SW 8270C | |
| | Surrogate: Tribromophenol | 55 | | % | 08/29/2001 | 956 | 1478 | | dmg | SW 8270C | |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/05/2001

Job Number: 01.15425

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-------------------------------|--------------------------|----------|------|----------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 702163 | SBI002:SB27A:S020040:505 | | | | | | | | | DATE/TIME TAKEN 08/23/2001 16:20 |
| Dry Weight | | 88.6 | | % | 08/30/2001 | | 1488 | | mhg | SM 2540 G. |
| Prep, BNA Non-Aq | | Complete | | | 08/27/2001 | 956 | | Complete | mlr | EPA 625; SW 3540C; SW 3545 |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| Acenaphthene | | <372 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrjw | SW 8270C |
| Acenaphthylene | | <372 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrjw | SW 8270C |
| Anthracene | | <372 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrjw | SW 8270C |
| Benzo(a)anthracene | | 753 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrjw | SW 8270C |
| Benzo(b)fluoranthene | | 1,170 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrjw | SW 8270C |
| Benzo(k)fluoranthene | | 506 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrjw | SW 8270C |
| Benzo(a)pyrene | | 815 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <186 | jrjw | SW 8270C |
| Benzyl alcohol | | <372 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrjw | SW 8270C |
| Benzyl butyl phthalate | | <372 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrjw | SW 8270C |
| Bis(2-chloroethyl)ether | | <372 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrjw | SW 8270C |
| Bis(2-chloroethoxy)methane | | <372 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrjw | SW 8270C |
| Bis(2-ethylhexyl)phthalate | | <372 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrjw | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <372 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrjw | SW 8270C |
| 4-Bromophenyl phenyl ether | | <372 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrjw | SW 8270C |
| 4-Chloroaniline | | <372 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrjw | SW 8270C |
| 2-Chloronaphthalene | | <372 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrjw | SW 8270C |
| Chrysene | | 960 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrjw | SW 8270C |
| Dibenzo(a,h)anthracene | | <186 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <186 | jrjw | SW 8270C |
| Dibenzofuran | | <372 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrjw | SW 8270C |
| 1,2-Dichlorobenzene | | <372 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrjw | SW 8270C |
| 1,3-Dichlorobenzene | | <372 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrjw | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/05/2001

Job Number: 01.15425

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|--------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 702163 | SBI002:SB27A:S020040:505 | | | | | | | | | DATE/TIME TAKEN 08/23/2001 16:20 |
| 1,4-Dichlorobenzene | | <372 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrjw | SW 8270C |
| 3,3'-Dichlorobenzidine | | <745 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <745 | jrjw | SW 8270C |
| Diethyl phthalate | | <372 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrjw | SW 8270C |
| Dimethyl phthalate | | <372 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrjw | SW 8270C |
| 2,4-Dinitrotoluene | | <372 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrjw | SW 8270C |
| 2,6-Dinitrotoluene | | <372 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrjw | SW 8270C |
| Di-n-octylphthalate | | <372 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrjw | SW 8270C |
| Fluoranthene | 2,130 | | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrjw | SW 8270C |
| Fluorene | | <372 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrjw | SW 8270C |
| Hexachlorobenzene | | <372 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrjw | SW 8270C |
| Hexachloro-1,3-butadiene | | <372 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrjw | SW 8270C |
| Hexachlorocyclopentadiene | | <745 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <745 | jrjw | SW 8270C |
| Hexachloroethane | | <372 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrjw | SW 8270C |
| Indeno(1,2,3-cd)pyrene | | <372 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrjw | SW 8270C |
| Isophorone | | <372 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrjw | SW 8270C |
| Naphthalene | | <372 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrjw | SW 8270C |
| Nitrobenzene | | <372 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrjw | SW 8270C |
| N-Nitrosodi-n-propylamine | | <372 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrjw | SW 8270C |
| Phenanthrene | 1,170 | | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrjw | SW 8270C |
| Pyrene | 1,790 | | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrjw | SW 8270C |
| 1,2,4-Trichlorobenzene | | <372 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrjw | SW 8270C |
| Surrogate: d5-Nitrobenzene | 82 | | | % | 08/29/2001 | 956 | 1480 | | jrjw | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | 92 | | | % | 08/29/2001 | 956 | 1480 | | jrjw | SW 8270C |
| Surrogate: d14-Terphenyl | 95 | | | % | 08/29/2001 | 956 | 1480 | | jrjw | SW 8270C |

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/05/2001

Job Number: 01.15425

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------------------------|----------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 702163 | SBI002:SB27A:S020040:505 | | | | | | | | | |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | | |
| | Benzoic Acid | <1,860 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <1,860 | jrw | SW 8270C |
| | 4-Chloro-3-methylphenol | <372 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrw | SW 8270C |
| | 2-Chlorophenol | <372 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrw | SW 8270C |
| | 2,4-Dichlorophenol | <372 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrw | SW 8270C |
| | 2,4-Dimethylphenol | <372 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrw | SW 8270C |
| | 2-Methyl-4,6-dinitrophenol | <372 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrw | SW 8270C |
| | 2-Methylphenol | <372 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrw | SW 8270C |
| | meta & para-Methylphenol | <372 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrw | SW 8270C |
| | 2-Nitrophenol | <372 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrw | SW 8270C |
| | Pentachlorophenol | <372 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrw | SW 8270C |
| | Phenol | <372 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrw | SW 8270C |
| | 2,4,5-Trichlorophenol | <372 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrw | SW 8270C |
| | 2,4,6-Trichlorophenol | <372 | | ug/kg dw | 08/29/2001 | 956 | 1480 | <372 | jrw | SW 8270C |
| | Surrogate: d6-Phenol | 78 | | % | 08/29/2001 | 956 | 1480 | | jrw | SW 8270C |
| | Surrogate: 2-Fluorophenol | 75 | | % | 08/29/2001 | 956 | 1480 | | jrw | SW 8270C |
| | Surrogate: Tribromophenol | 76 | | % | 08/29/2001 | 956 | 1480 | | jrw | SW 8270C |

DATE/TIME TAKEN
 08/23/2001 16:20

QUALITY CONTROL FLAG DEFINITIONS

Job Number: 01.15425

(*) Indicates an out-of-control QC. The analytical data was reported based on other supporting quality control information.

(Note) Indicates to review the notes and comments section of the analytical report as there is additional information concerning this analytical result.

(MS) Indicates that the Matrix Spike (MS) was out of statistical advisory limits.

(MSD) Indicates that the Matrix Spike Duplicate (MSD) was out of statistical advisory limits.

(RPD) Indicates that the Relative Percent Difference (RPD) for the MS/MSD pair was outside of statistical advisory limits.

(SS) Indicates that the MS and MSD were out of statistical advisory limits.

(SSR) Indicates that the MS, MSD and RPD were out of statistical advisory limits.

(MSR) Indicates that the MS and RPD were out of statistical advisory limits.

(MSDR) Indicates that the MSD and RPD were out of statistical advisory limits.

(DL) Indicates that the MS and MSD were diluted out and the percent recoveries of the spikes could not be calculated.

(LS) Indicates that statistical accuracy and precision data is not available for spike concentrations which are $< 1/4$ of the sample amount. Care should be used in interpreting this data.

(J) Indicates estimated concentration due to internal standard areas or surrogate recoveries outside of control limits. A sample matrix effect is usually indicated.

(DW) Indicates Dry Weight.

Analytical Reporting Limits

The reporting limits listed for non-aqueous samples in the analytical report section are Practical Quantitation Limits (PQLs). These PQLs are based upon a typical standard weight used for a non-aqueous sample. The reporting limit for a sample may be different from the PQL listed depending upon the actual weight of sample used, the samples moisture content and any dilutions used during the analysis.

1.15490

CHAIN OF CUSTODY RECORD

Hull & Associates, Inc.

NO. 5353

Warrensville Heights
 4949 Galaxy Parkway, Suite S
 Warrensville Heights, Ohio 44128
 Phone: (216)514-7100
 FAX: (216)514-7104

Mason
 4700 Duke Drive, Suite 172
 Mason, Ohio 43040
 Phone: (513)459-9877
 FAX: (513)459-9889

Toledo
 3401 Glendale Avenue
 Suite 300
 Toledo, Ohio 43614
 Phone: (419)385-2018
 FAX: (419)385-5489

REPORT TO: KEVIN WILDRAN

Client: SOUTH BEND

Site: AREA A

Project#: SBT002 Phase: 01.TST

Samplers: RAY MINARONIS

ANALYSES
 PRESERVATIVES
 METALS

- SAMPLE TYPES**
- A - AIR
 - B - Coal only <4"
 - C - F - FILTERED
 - D - N - NOT FILTERED
 - E - B - BOTH
 - F - ASBESTOS
 - G - HNO₃ pH<2
 - H - SEDIMENT
 - I - H₂SO₄ pH<2
 - J - GROUNDWATER
 - K - NaOH, pH>12
 - L - PRODUCT
 - M - Soil
 - N - Zn acetate + NaOH, pH>9
 - O - W WATER
 - P - H₂S<0.00865
 - Q - Z OTHERS
 - R - HCl, pH <2
- All samples are kept at 4°C.

| PROJECT NO. | SAMPLE LOCATION | SAMPLE TYPE | SAMPLER ID | NO. OF CONT. | METALS | SAMPLING DATE/TIME | COMMENTS |
|-------------------------------------|-----------------|-------------|------------|--------------------------|---------------|--------------------|---|
| | | | | | | | |
| SBT002 | HFW155 | S080490 | 478 | 3 | | 8/18/01 08:00 | 0360 - VCS 0270 - SCS 0270 - SCS 018.1 - TPI |
| SBT002 | HFW155 | S040450 | 478 | 3 | | 8/18/01 07:50 | |
| SBT002 | TB1 | S082301 | 478 | 3 | | 8/18/01 | |
| : | : | : | : | : | | | |
| : | : | : | : | : | | | |
| : | : | : | : | : | | | |
| : | : | : | : | : | | | |
| : | : | : | : | : | | | |
| : | : | : | : | : | | | |
| : | : | : | : | : | | | |
| : | : | : | : | : | | | |
| : | : | : | : | : | | | |
| | | | | RECEIVED BY: Matt Young | DATE: 8-23-01 | TIME: 8-05- | Deliver To: TESTAMERICA INC. |
| | | | | RECEIVED BY: Ted Ford | DATE: 8-23-01 | TIME: 8-30- | Method of Delivery: PRO EX 59 |
| | | | | RECEIVED FOR LAB BY: KWH | DATE: 8-24-01 | TIME: 9-30- | Airbill Number: 8262659683868 |
| | | | | DISTRIBUTION: | | | NOTES: CHECK TEMP OF TBI |
| | | | | WHITE | | | TURN AROUND TIME: STANDARD DAYS |
| | | | | YELLOW | | | |
| | | | | PINK | | | |
| COOLER TEMPERATURE AS RECEIVED °C : | | | | 5 | | | |



Hull & Associates, Inc.

Dublin
6730 Wilcox Road
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4949 Galaxy Parkway, Suite S
Warrensville Heights, Ohio 44128
Phone: (216)514-7100
FAX: (216)514-7104

PAGE 1 OF 1

NO. 5352

CHAIN OF CUSTODY RECORD

REPORT TO: Kevin Wilkman

Client: South Bend

Site: Area A

Project#: SBI002 Phase: D.I.T.I

Samplers: Math Young

PRESERVATIVES

5VOC's

| SAMPLE TYPES | PRESERVATIVES | METALS |
|-----------------|--|------------------|
| A - AIR | A - Cool only, <4° C | F - FILTERED |
| C - ASBESTOS | B - HNO ₃ , pH<2 | N - NOT FILTERED |
| D - SEDIMENT | C - H ₂ SO ₄ , pH<2 | B - BOTH |
| G - GROUNDWATER | D - NaOH, pH>12 | |
| P - PRODUCT | E - Zinc nitrate | |
| S - SOIL | F - Na ₂ S ₂ O ₅ (0.008%) | |
| W - WATER | G - RCL pH <2 | |
| Z - OTHERS | | |

All samples are kept at 4°C.

| PROJECT NO. | SAMPLE LOCATION | SAMPLE TYPE | SAMPLER ID | NO. OF METALS CONT. | SAMPLING DATE/TIME | COMMENTS |
|-------------|-----------------|-------------|------------|---------------------|--------------------|----------|
| SBI002 | S B 26A | S020090 | 505 | 1 | 8/25/01 16:10 | X |
| SBI002 | S B 27A | S020090 | 505 | 1 | 8/23/01 16:20 | X |
| SBI000 | : | : | : | : | : | |
| : | : | : | : | : | : | |
| : | : | : | : | : | : | |
| : | : | : | : | : | : | |
| : | : | : | : | : | : | |
| : | : | : | : | : | : | |
| : | : | : | : | : | : | |
| : | : | : | : | : | : | |
| : | : | : | : | : | : | |
| : | : | : | : | : | : | |

RELINQUISHED BY: Math Young
 DATE: 8-25-01
 TIME: 16:30

RECEIVED BY: FedEx
 DATE: 8-25-01
 TIME: 16:30

RELINQUISHED BY: _____
 DATE: _____
 TIME: _____

RECEIVED BY: _____
 DATE: 8-24-01
 TIME: 16:30

RELINQUISHED BY: _____
 DATE: _____
 TIME: _____

RECEIVED FOR LAB BY: _____
 DATE: _____
 TIME: _____

DISTRIBUTION:
 WHITE -- LAB USE (MUST BE RETURNED WITH REPORT)
 YELLOW -- RETAINED BY IAH
 PINK -- RETAINED BY IAH

COOLER TEMPERATURE AS RECEIVED °C: 5

Deliver To: Rec. Test America

Method of Delivery: Fed Ex

Airbill Number: 820265718357

NOTES: Flange Check Temp
From TB1

TURN AROUND TIME: 5 DAYS



TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

09/10/2001
Job Number: 01.15261

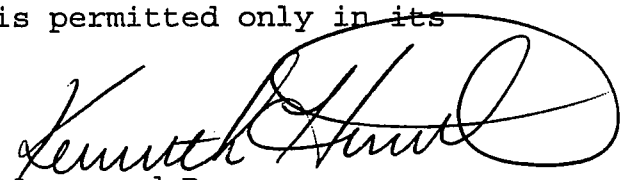
Enclosed is the analytical report for the following samples submitted to the Dayton Division of TestAmerica, Inc. for analysis:

| <u>Sample Number</u> | <u>Sample Description</u> | <u>Date Taken</u> | <u>Date Received</u> |
|----------------------|----------------------------|-------------------|----------------------|
| 701756 | SBI002:HMW24D:S005020:428 | 08/21/2001 | 08/22/2001 |
| 701757 | SBI002:HMW24DD:S005020:428 | 08/21/2001 | 08/22/2001 |
| 701758 | SBI002:FB1:W082101:428 | 08/21/2001 | 08/22/2001 |
| 701759 | SBI002:TB1:W082101:428 | 08/21/2001 | 08/22/2001 |

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Reproduction of this analytical report is permitted only in its entirety.

Enclosure



Approved By

TestAmerica, Incorporated

PAGE 2 of 16

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/10/2001

Job Number: 01.15261

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|--------------------------------|---------------------------|----------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 701756 | SBI002:HMW24D:S005020:428 | | | | | | | | | DATE/TIME TAKEN 08/21/2001 07:00 |
| Dry Weight | | 85.2 | | % | 08/28/2001 | | 1486 | | emd | SM 2540 G. |
| ICP NONAQUEOUS | | Complete | | | 09/04/2001 | | 1254 | Complete | emd | SW 6010B |
| Arsenic, ICP | | 9.2 | | mg/kg dw | 09/04/2001 | 909 | 2989 | <7.6 | emd | SW 6010B |
| Barium, ICP | | 833 | | mg/kg dw | 09/04/2001 | 909 | 2920 | <1.5 | emd | SW 6010B |
| Cadmium, ICP | | <2.2 | | mg/kg dw | 09/04/2001 | 909 | 2902 | <2.2 | emd | SW 6010B |
| Chromium, ICP | | 26 | | mg/kg dw | 09/04/2001 | 909 | 2890 | <3.1 | emd | SW 6010B |
| Lead, ICP | | 5,970 | | mg/kg dw | 09/04/2001 | 909 | 2891 | <6.1 | emd | SW 6010B |
| Mercury, CVAA | | 0.558 | | mg/kg dw | 08/24/2001 | 614 | 632 | <0.018 | epk | SW 7471A |
| Selenium, ICP | | <7.6 | | mg/kg dw | 09/04/2001 | 909 | 2969 | <7.6 | emd | SW 6010B |
| Silver, ICP | | <3.1 | | mg/kg dw | 09/04/2001 | 909 | 2922 | <3.1 | emd | SW 6010B |
| ICP Digestion, Nonaqueous | | Complete | | | 08/23/2001 | 909 | | Complete | mrt | SW 3050B |
| Mercury Digestion, Non-Aq | | Complete | | | 08/24/2001 | 614 | | Complete | clm | SW 7471A |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | | Complete | | | 08/23/2001 | | 1481 | Complete | bmh | |
| Acetone | | <117 | | ug/kg dw | 08/23/2001 | | 1481 | <117 | bmh | SW 8260A |
| Benzene | | <5.9 | | ug/kg dw | 08/23/2001 | | 1481 | <5.9 | bmh | SW 8260A |
| tert-Butylbenzene | | <5.9 | | ug/kg dw | 08/23/2001 | | 1481 | <5.9 | bmh | SW 8260A |
| sec-Butylbenzene | | <5.9 | | ug/kg dw | 08/23/2001 | | 1481 | <5.9 | bmh | SW 8260A |
| n-Butylbenzene | | <5.9 | | ug/kg dw | 08/23/2001 | | 1481 | <5.9 | bmh | SW 8260A |
| Bromochloromethane | | <5.9 | | ug/kg dw | 08/23/2001 | | 1481 | <5.9 | bmh | SW 8260A |
| Bromodichloromethane | | <5.9 | | ug/kg dw | 08/23/2001 | | 1481 | <5.9 | bmh | SW 8260A |
| Bromoform | | <5.9 | | ug/kg dw | 08/23/2001 | | 1481 | <5.9 | bmh | SW 8260A |
| Bromobenzene | | <5.9 | | ug/kg dw | 08/23/2001 | | 1481 | <5.9 | bmh | SW 8260A |
| 2-Butanone (MEK) | | <59 | | ug/kg dw | 08/23/2001 | | 1481 | <59 | bmh | SW 8260A |
| Carbon disulfide | | <5.9 | | ug/kg dw | 08/23/2001 | | 1481 | <5.9 | bmh | SW 8260A |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/10/2001

Job Number: 01.15261

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|-----------------------------|---------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 701756 | SBI002:HMW24D:S005020:428 | | | | | | | | | | 08/21/2001 07:00 |
| Carbon tetrachloride | | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |
| Chlorobenzene | | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |
| Chloroethane | | <11.7 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <11.7 | bmh | SW 8260A | |
| 2-Chlorotoluene | | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |
| 4-Chlorotoluene | | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |
| Chloroform | | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |
| Chloromethane | | <11.7 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <11.7 | bmh | SW 8260A | |
| Dibromochloromethane | | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |
| Dibromomethane | | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |
| Dichlorodifluoromethane | | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |
| 1,2-Dibromo-3-chloropropane | | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |
| 1,2-Dichlorobenzene | | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |
| 1,3-Dichlorobenzene | | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |
| 1,4-Dichlorobenzene | | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |
| 1,1-Dichloroethane | | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |
| 1,2-Dichloroethane | | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |
| 1,1-Dichloroethene | | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |
| cis-1,2-Dichloroethene | | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |
| trans-1,2-Dichloroethene | | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |
| 1,2-Dichloropropane | | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |
| 1,3-Dichloropropane | | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |
| 2,2-Dichloropropane | | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |
| 1,1-Dichloropropene | | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |
| cis-1,3-Dichloropropene | | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |
| trans-1,3-Dichloropropene | | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |
| Ethylbenzene | | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

09/10/2001

Job Number: 01.15261

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Analyst | Method Reference |
|-----------------------------|---------------------------|--------|------|------------|---------------|--------------|--------------|-------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | |
| 701756 | SBI002:HMW24D:S005020:428 | | | | | | | | |
| | | | | | | | | | DATE/TIME TAKEN 08/21/2001 07:00 |
| Hexachlorobutadiene | <5.9 | ug/kg | dw | 08/23/2001 | 1481 | <5.9 | bmh | SW 8260A | |
| n-Hexane | <23.5 | ug/kg | dw | 08/23/2001 | 1481 | <23.5 | bmh | SW 8260A | |
| 2-Hexanone | <58.7 | ug/kg | dw | 08/23/2001 | 1481 | <58.7 | bmh | SW 8260A | |
| Isopropylbenzene (Cumene) | <5.9 | ug/kg | dw | 08/23/2001 | 1481 | <5.9 | bmh | SW 8260A | |
| p-Isopropyltoluene | <5.9 | ug/kg | dw | 08/23/2001 | 1481 | <5.9 | bmh | SW 8260A | |
| Bromomethane | <11.7 | ug/kg | dw | 08/23/2001 | 1481 | <11.7 | bmh | SW 8260A | |
| Methylene Chloride | <11.7 | ug/kg | dw | 08/23/2001 | 1481 | <11.7 | bmh | SW 8260A | |
| Methyl t-butyl ether (MTBE) | <5.9 | ug/kg | dw | 08/23/2001 | 1481 | <5.9 | bmh | SW 8260A | |
| 4-Methyl-2-pentanone (MIBK) | <58.7 | ug/kg | dw | 08/23/2001 | 1481 | <58.7 | bmh | SW 8260A | |
| n-Propylbenzene | <5.9 | ug/kg | dw | 08/23/2001 | 1481 | <5.9 | bmh | SW 8260A | |
| Styrene | <5.9 | ug/kg | dw | 08/23/2001 | 1481 | <5.9 | bmh | SW 8260A | |
| Naphthalene | <5.9 | ug/kg | dw | 08/23/2001 | 1481 | <5.9 | bmh | SW 8260A | |
| 1,1,1,2-Tetrachloroethane | <5.9 | ug/kg | dw | 08/23/2001 | 1481 | <5.9 | bmh | SW 8260A | |
| 1,1,2,2-Tetrachloroethane | <5.9 | ug/kg | dw | 08/23/2001 | 1481 | <5.9 | bmh | SW 8260A | |
| Tetrachloroethene | <5.9 | ug/kg | dw | 08/23/2001 | 1481 | <5.9 | bmh | SW 8260A | |
| Toluene | <5.9 | ug/kg | dw | 08/23/2001 | 1481 | <5.9 | bmh | SW 8260A | |
| 1,2,4-Trichlorobenzene | <5.9 | ug/kg | dw | 08/23/2001 | 1481 | <5.9 | bmh | SW 8260A | |
| 1,1,1-Trichloroethane | <5.9 | ug/kg | dw | 08/23/2001 | 1481 | <5.9 | bmh | SW 8260A | |
| 1,1,2-Trichloroethane | <5.9 | ug/kg | dw | 08/23/2001 | 1481 | <5.9 | bmh | SW 8260A | |
| Trichloroethene | <5.9 | ug/kg | dw | 08/23/2001 | 1481 | <5.9 | bmh | SW 8260A | |
| Trichlorofluoromethane | <5.9 | ug/kg | dw | 08/23/2001 | 1481 | <5.9 | bmh | SW 8260A | |
| 1,2,3-Trichloropropane | <5.9 | ug/kg | dw | 08/23/2001 | 1481 | <5.9 | bmh | SW 8260A | |
| 1,2,4-Trimethylbenzene | <5.9 | ug/kg | dw | 08/23/2001 | 1481 | <5.9 | bmh | SW 8260A | |
| 1,3,5-Trimethylbenzene | <5.9 | ug/kg | dw | 08/23/2001 | 1481 | <5.9 | bmh | SW 8260A | |
| Vinyl Acetate | <5.9 | ug/kg | dw | 08/23/2001 | 1481 | <5.9 | bmh | SW 8260A | |
| Vinyl Chloride | <2.3 | ug/kg | dw | 08/23/2001 | 1481 | <2.3 | bmh | SW 8260A | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/10/2001

Job Number: 01.15261

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|------------|------------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 701756 | SBI002:HMW24D:S005020:428 | | | | | | | | | | 08/21/2001 07:00 |
| | Xylenes, Total | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | | <5.9 | bmh | SW 8260A | |
| | d4-1,2-Dichloroethane (surr) | 97 | | % | 08/23/2001 | 1481 | | | bmh | SW 8260A | |
| | Dibromofluoromethane (surr) | 94 | | % | 08/23/2001 | 1481 | | | bmh | SW 8260A | |
| | d8-Toluene (surr) | 95 | | % | 08/23/2001 | 1481 | | | bmh | SW 8260A | |
| | Bromofluorobenzene (surr) | 94 | | % | 08/23/2001 | 1481 | | | bmh | SW 8260A | |

SAMPLE NO. 701757 **SAMPLE DESCRIPTION SBI002:HMW24DD:S005020:428** **DATE/TIME TAKEN 08/21/2001 07:00**

| | | | | | | | | | | |
|---------------------------|----------|---|----------|--|------------|------|----------|----------|-----|------------|
| Dry Weight | 85.0 | % | | | 08/28/2001 | 1486 | | | mhg | SM 2540 G. |
| ICP NONAQUEOUS | Complete | | | | 09/04/2001 | 1254 | Complete | | emd | SW 6010B |
| Arsenic, ICP | <12 | | mg/kg dw | | 09/04/2001 | 909 | 2989 | <12 | emd | SW 6010B |
| Barium, ICP | 1,260 | | mg/kg dw | | 09/04/2001 | 909 | 2920 | <1.5 | emd | SW 6010B |
| Cadmium, ICP | <2.4 | | mg/kg dw | | 09/04/2001 | 909 | 2902 | <2.4 | emd | SW 6010B |
| Chromium, ICP | 30.0 | | mg/kg dw | | 09/04/2001 | 909 | 2890 | <3.2 | emd | SW 6010B |
| Lead, ICP | 13,600 | | mg/kg dw | | 09/04/2001 | 909 | 2891 | <6.2 | emd | SW 6010B |
| Mercury, CVAA | 0.821 | | mg/kg dw | | 08/24/2001 | 614 | 632 | <0.019 | epk | SW 7471A |
| Selenium, ICP | <7.8 | | mg/kg dw | | 09/04/2001 | 909 | 2969 | <7.8 | emd | SW 6010B |
| Silver, ICP | <3.2 | | mg/kg dw | | 09/04/2001 | 909 | 2922 | <3.2 | emd | SW 6010B |
| ICP Digestion, Nonaqueous | Complete | | | | 08/23/2001 | 909 | | Complete | mrt | SW 3050B |
| Mercury Digestion, Non-Aq | Complete | | | | 08/24/2001 | 614 | | Complete | clm | SW 7471A |

VOLATILE COMPOUNDS-8260 Non-Aq

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/10/2001

Job Number: 01.15261

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Analyst | Initials | Method Reference |
|-----------------------------|----------------------------|--------|------|----------|---------------|--------------|--------------|-------------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 701757 | SBI002:HMW24DD:S005020:428 | | | | | | | | | DATE/TIME TAKEN 08/21/2001 07:00 |
| 8260 - SW846 (Non-aq) | Complete | | | | 08/23/2001 | 1481 | Complete | | | bmh |
| Acetone | <118 | | | ug/kg dw | 08/23/2001 | 1481 | <118 | | | bmh SW 8260A |
| Benzene | <5.9 | | | ug/kg dw | 08/23/2001 | 1481 | <5.9 | | | bmh SW 8260A |
| tert-Butylbenzene | <5.9 | | | ug/kg dw | 08/23/2001 | 1481 | <5.9 | | | bmh SW 8260A |
| sec-Butylbenzene | <5.9 | | | ug/kg dw | 08/23/2001 | 1481 | <5.9 | | | bmh SW 8260A |
| n-Butylbenzene | <5.9 | | | ug/kg dw | 08/23/2001 | 1481 | <5.9 | | | bmh SW 8260A |
| Bromochloromethane | <5.9 | | | ug/kg dw | 08/23/2001 | 1481 | <5.9 | | | bmh SW 8260A |
| Bromodichloromethane | <5.9 | | | ug/kg dw | 08/23/2001 | 1481 | <5.9 | | | bmh SW 8260A |
| Bromoform | <5.9 | | | ug/kg dw | 08/23/2001 | 1481 | <5.9 | | | bmh SW 8260A |
| Bromobenzene | <5.9 | | | ug/kg dw | 08/23/2001 | 1481 | <5.9 | | | bmh SW 8260A |
| 2-Butanone (MEK) | <59 | | | ug/kg dw | 08/23/2001 | 1481 | <59 | | | bmh SW 8260A |
| Carbon disulfide | <5.9 | | | ug/kg dw | 08/23/2001 | 1481 | <5.9 | | | bmh SW 8260A |
| Carbon tetrachloride | <5.9 | | | ug/kg dw | 08/23/2001 | 1481 | <5.9 | | | bmh SW 8260A |
| Chlorobenzene | <5.9 | | | ug/kg dw | 08/23/2001 | 1481 | <5.9 | | | bmh SW 8260A |
| Chloroethane | <11.8 | | | ug/kg dw | 08/23/2001 | 1481 | <11.8 | | | bmh SW 8260A |
| 2-Chlorotoluene | <5.9 | | | ug/kg dw | 08/23/2001 | 1481 | <5.9 | | | bmh SW 8260A |
| 4-Chlorotoluene | <5.9 | | | ug/kg dw | 08/23/2001 | 1481 | <5.9 | | | bmh SW 8260A |
| Chloroform | <5.9 | | | ug/kg dw | 08/23/2001 | 1481 | <5.9 | | | bmh SW 8260A |
| Chloromethane | <11.8 | | | ug/kg dw | 08/23/2001 | 1481 | <11.8 | | | bmh SW 8260A |
| Dibromochloromethane | <5.9 | | | ug/kg dw | 08/23/2001 | 1481 | <5.9 | | | bmh SW 8260A |
| Dibromomethane | <5.9 | | | ug/kg dw | 08/23/2001 | 1481 | <5.9 | | | bmh SW 8260A |
| Dichlorodifluoromethane | <5.9 | | | ug/kg dw | 08/23/2001 | 1481 | <5.9 | | | bmh SW 8260A |
| 1,2-Dibromo-3-chloropropane | <5.9 | | | ug/kg dw | 08/23/2001 | 1481 | <5.9 | | | bmh SW 8260A |
| 1,2-Dichlorobenzene | <5.9 | | | ug/kg dw | 08/23/2001 | 1481 | <5.9 | | | bmh SW 8260A |
| 1,3-Dichlorobenzene | <5.9 | | | ug/kg dw | 08/23/2001 | 1481 | <5.9 | | | bmh SW 8260A |
| 1,4-Dichlorobenzene | <5.9 | | | ug/kg dw | 08/23/2001 | 1481 | <5.9 | | | bmh SW 8260A |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/10/2001

Job Number: 01.15261

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 701757 | SBI002:HMW24DD:S005020:428 | | | | | | | | | | 08/21/2001 07:00 |
| | 1,1-Dichloroethane | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |
| | 1,2-Dichloroethane | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |
| | 1,1-Dichloroethene | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |
| | cis-1,2-Dichloroethene | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |
| | trans-1,2-Dichloroethene | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |
| | 1,2-Dichloropropane | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |
| | 1,3-Dichloropropane | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |
| | 2,2-Dichloropropane | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |
| | 1,1-Dichloropropene | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |
| | cis-1,3-Dichloropropene | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |
| | trans-1,3-Dichloropropene | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |
| | Ethylbenzene | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |
| | Hexachlorobutadiene | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |
| | n-Hexane | <23.5 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <23.5 | bmh | SW 8260A | |
| | 2-Hexanone | <58.8 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <58.8 | bmh | SW 8260A | |
| | Isopropylbenzene (Cumene) | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |
| | p-Isopropyltoluene | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |
| | Bromomethane | <11.8 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <11.8 | bmh | SW 8260A | |
| | Methylene Chloride | <11.8 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <11.8 | bmh | SW 8260A | |
| | Methyl t-butyl ether (MTBE) | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |
| | 4-Methyl-2-pentanone (MIBK) | <58.8 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <58.8 | bmh | SW 8260A | |
| | n-Propylbenzene | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |
| | Styrene | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |
| | Naphthalene | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |
| | 1,1,1,2-Tetrachloroethane | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |
| | 1,1,1,2,2-Tetrachloroethane | <5.9 | | ug/kg dw | 08/23/2001 | 1481 | 1481 | <5.9 | bmh | SW 8260A | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

09/10/2001

Job Number: 01.15261

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | DATE | Result | Flag | Units | Analyzed | Prep | Run | Reporting | Analyst | Method Reference | |
|------------------------------|----------------------------|----------|------------|------|-------|----------|----------|-------|-----------|---------|------------------|-------------------------------------|
| | | | | | | | Batch | Batch | | | | Limit |
| 701757 | SBI002:HMW24DD:S005020:428 | | | | | | | | | | | DATE/TIME TAKEN 08/21/2001 07:00 |
| Tetrachloroethene | <5.9 | ug/kg dw | 08/23/2001 | 1481 | <5.9 | bmh | SW 8260A | | | | | |
| Toluene | <5.9 | ug/kg dw | 08/23/2001 | 1481 | <5.9 | bmh | SW 8260A | | | | | |
| 1,2,4-Trichlorobenzene | <5.9 | ug/kg dw | 08/23/2001 | 1481 | <5.9 | bmh | SW 8260A | | | | | |
| 1,1,1-Trichloroethane | <5.9 | ug/kg dw | 08/23/2001 | 1481 | <5.9 | bmh | SW 8260A | | | | | |
| 1,1,2-Trichloroethane | <5.9 | ug/kg dw | 08/23/2001 | 1481 | <5.9 | bmh | SW 8260A | | | | | |
| Trichloroethene | <5.9 | ug/kg dw | 08/23/2001 | 1481 | <5.9 | bmh | SW 8260A | | | | | |
| Trichlorofluoromethane | <5.9 | ug/kg dw | 08/23/2001 | 1481 | <5.9 | bmh | SW 8260A | | | | | |
| 1,2,3-Trichloropropane | <5.9 | ug/kg dw | 08/23/2001 | 1481 | <5.9 | bmh | SW 8260A | | | | | |
| 1,2,4-Trimethylbenzene | <5.9 | ug/kg dw | 08/23/2001 | 1481 | <5.9 | bmh | SW 8260A | | | | | |
| 1,3,5-Trimethylbenzene | <5.9 | ug/kg dw | 08/23/2001 | 1481 | <5.9 | bmh | SW 8260A | | | | | |
| Vinyl Acetate | <5.9 | ug/kg dw | 08/23/2001 | 1481 | <5.9 | bmh | SW 8260A | | | | | |
| Vinyl Chloride | <2.4 | ug/kg dw | 08/23/2001 | 1481 | <2.4 | bmh | SW 8260A | | | | | |
| Xylenes, Total | <5.9 | ug/kg dw | 08/23/2001 | 1481 | <5.9 | bmh | SW 8260A | | | | | |
| d4-1,2-Dichloroethane (surr) | 95 | % | 08/23/2001 | 1481 | | bmh | SW 8260A | | | | | |
| Dibromofluoromethane (surr) | 91 | % | 08/23/2001 | 1481 | | bmh | SW 8260A | | | | | |
| d8-Toluene (surr) | 93 | % | 08/23/2001 | 1481 | | bmh | SW 8260A | | | | | |
| Bromofluorobenzene (surr) | 95 | % | 08/23/2001 | 1481 | | bmh | SW 8260A | | | | | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/10/2001

Job Number: 01.15261

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|--------------------------------|--------------------------|----------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 701758 | SBI002:FB1:W082101:428 | | | | | | | | | | 08/21/2001 17:00 |
| ICPMS TOTAL METALS | | | | | | | | | | | |
| | Arsenic, ICPMS | Complete | | mg/L | 08/29/2001 | | 2486 | Complete | kmb | SW 6020 | |
| | Barium, ICPMS | <0.0050 | | mg/L | 08/29/2001 | 1816 | 3595 | <0.0050 | kmb | SW 6020 | |
| | Cadmium, ICPMS | <0.0010 | | mg/L | 08/29/2001 | 1816 | 3474 | <0.0010 | kmb | SW 6020 | |
| | Chromium, ICPMS (0.005) | <0.0050 | | mg/L | 08/29/2001 | 1816 | 3862 | <0.0050 | kmb | SW 6020 | |
| | Lead, ICPMS | <0.0010 | | mg/L | 08/29/2001 | 1816 | 3552 | <0.0010 | kmb | SW 6020 | |
| | Mercury, CVAA | <0.0002 | | mg/L | 08/23/2001 | 1375 | 1317 | <0.0002 | epk | SW 7470A | |
| | Selenium, GFAA | <0.0050 | | mg/L | 09/07/2001 | 735 | 571 | <0.0050 | jad | SW 7740 | |
| | Silver, ICPMS | <0.0005 | | mg/L | 08/29/2001 | 1816 | 3807 | <0.0005 | kmb | SW 6020 | |
| | Metals Digestion, ICPMS | Complete | | | 08/28/2001 | 1816 | | Complete | clm | SW 3010A | |
| | Metals Digestion, GFAA | Complete | | | 08/24/2001 | 735 | | Complete | clm | SW 3020A | |
| | Manual Mercury Digestion | Complete | | | 08/23/2001 | 1375 | | Complete | clm | SW 7470A | |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | | |
| | 8260 - SW846 (AQ) | Complete | | | 09/04/2001 | | 3545 | Complete | dmg | | |
| | Acetone | <20.0 | | ug/L | 09/04/2001 | | 3545 | <20.0 | dmg | SW 8260A | |
| | Benzene | <1.0 | | ug/L | 09/04/2001 | | 3545 | <1.0 | dmg | SW 8260A | |
| | tert-Butylbenzene | <1.0 | | ug/L | 09/04/2001 | | 3545 | <1.0 | dmg | SW 8260A | |
| | sec-Butylbenzene | <1.0 | | ug/L | 09/04/2001 | | 3545 | <1.0 | dmg | SW 8260A | |
| | n-Butylbenzene | <1.0 | | ug/L | 09/04/2001 | | 3545 | <1.0 | dmg | SW 8260A | |
| | Bromochloromethane | <1.0 | | ug/L | 09/04/2001 | | 3545 | <1.0 | dmg | SW 8260A | |
| | Bromodichloromethane | <1.0 | | ug/L | 09/04/2001 | | 3545 | <1.0 | dmg | SW 8260A | |
| | Bromoform | <1.0 | | ug/L | 09/04/2001 | | 3545 | <1.0 | dmg | SW 8260A | |
| | Bromobenzene | <1.0 | | ug/L | 09/04/2001 | | 3545 | <1.0 | dmg | SW 8260A | |
| | 2-Butanone (MEK) | <12.5 | | ug/L | 09/04/2001 | | 3545 | <12.5 | dmg | SW 8260A | |
| | Carbon disulfide | <1.0 | | ug/L | 09/04/2001 | | 3545 | <1.0 | dmg | SW 8260A | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

09/10/2001

Job Number: 01.15261

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|------------------------|--------|------|------------|----------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | | Initials | |
| 701758 | SBI002:FB1:W082101:428 | | | | | | | | | DATE/TIME TAKEN 08/21/2001 17:00 |
| Carbon tetrachloride | <1.0 | ug/L | | 09/04/2001 | 3545 | <1.0 | dmg | SW 8260A | | |
| Chlorobenzene | <1.0 | ug/L | | 09/04/2001 | 3545 | <1.0 | dmg | SW 8260A | | |
| Chloroethane | <5.0 | ug/L | | 09/04/2001 | 3545 | <5.0 | dmg | SW 8260A | | |
| 2-Chlorotoluene | <1.0 | ug/L | | 09/04/2001 | 3545 | <1.0 | dmg | SW 8260A | | |
| 4-Chlorotoluene | <1.0 | ug/L | | 09/04/2001 | 3545 | <1.0 | dmg | SW 8260A | | |
| Chloroform | <1.0 | ug/L | | 09/04/2001 | 3545 | <1.0 | dmg | SW 8260A | | |
| Chloromethane | <5.0 | ug/L | | 09/04/2001 | 3545 | <5.0 | dmg | SW 8260A | | |
| Dibromochloromethane | <1.0 | ug/L | | 09/04/2001 | 3545 | <1.0 | dmg | SW 8260A | | |
| Dibromomethane | <1.0 | ug/L | | 09/04/2001 | 3545 | <1.0 | dmg | SW 8260A | | |
| Dichlorodifluoromethane | <1.0 | ug/L | | 09/04/2001 | 3545 | <1.0 | dmg | SW 8260A | | |
| 1,2-Dibromo-3-chloropropane | <5.0 | ug/L | | 09/04/2001 | 3545 | <5.0 | dmg | SW 8260A | | |
| 1,2-Dichlorobenzene | <1.0 | ug/L | | 09/04/2001 | 3545 | <1.0 | dmg | SW 8260A | | |
| 1,3-Dichlorobenzene | <1.0 | ug/L | | 09/04/2001 | 3545 | <1.0 | dmg | SW 8260A | | |
| 1,4-Dichlorobenzene | <1.0 | ug/L | | 09/04/2001 | 3545 | <1.0 | dmg | SW 8260A | | |
| 1,1-Dichloroethane | <1.0 | ug/L | | 09/04/2001 | 3545 | <1.0 | dmg | SW 8260A | | |
| 1,2-Dichloroethane | <1.0 | ug/L | | 09/04/2001 | 3545 | <1.0 | dmg | SW 8260A | | |
| 1,1-Dichloroethene | <1.0 | ug/L | | 09/04/2001 | 3545 | <1.0 | dmg | SW 8260A | | |
| cis-1,2-Dichloroethene | <1.0 | ug/L | | 09/04/2001 | 3545 | <1.0 | dmg | SW 8260A | | |
| trans-1,2-Dichloroethene | <1.0 | ug/L | | 09/04/2001 | 3545 | <1.0 | dmg | SW 8260A | | |
| 1,2-Dichloropropane | <1.0 | ug/L | | 09/04/2001 | 3545 | <1.0 | dmg | SW 8260A | | |
| 1,3-Dichloropropane | <1.0 | ug/L | | 09/04/2001 | 3545 | <1.0 | dmg | SW 8260A | | |
| 2,2-Dichloropropane | <1.0 | ug/L | | 09/04/2001 | 3545 | <1.0 | dmg | SW 8260A | | |
| 1,1-Dichloropropene | <1.0 | ug/L | | 09/04/2001 | 3545 | <1.0 | dmg | SW 8260A | | |
| cis-1,3-Dichloropropene | <1.0 | ug/L | | 09/04/2001 | 3545 | <1.0 | dmg | SW 8260A | | |
| trans-1,3-Dichloropropene | <1.0 | ug/L | | 09/04/2001 | 3545 | <1.0 | dmg | SW 8260A | | |
| Ethylbenzene | <1.0 | ug/L | | 09/04/2001 | 3545 | <1.0 | dmg | SW 8260A | | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/10/2001

Job Number: 01.15261

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 701758 | SBI002:FB1:W082101:428 | | | | | | | | | 08/21/2001 17:00 |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/04/2001 | 3545 | 3545 | <5.0 | dmg | SW 8260A |
| | n-Hexane | <5.0 | | ug/L | 09/04/2001 | 3545 | 3545 | <5.0 | dmg | SW 8260A |
| | 2-Hexanone | <12.5 | | ug/L | 09/04/2001 | 3545 | 3545 | <12.5 | dmg | SW 8260A |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/04/2001 | 3545 | 3545 | <1.0 | dmg | SW 8260A |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/04/2001 | 3545 | 3545 | <1.0 | dmg | SW 8260A |
| | Bromomethane | <5.0 | | ug/L | 09/04/2001 | 3545 | 3545 | <5.0 | dmg | SW 8260A |
| | Methylene Chloride | <5.0 | | ug/L | 09/04/2001 | 3545 | 3545 | <5.0 | dmg | SW 8260A |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/04/2001 | 3545 | 3545 | <5.0 | dmg | SW 8260A |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/04/2001 | 3545 | 3545 | <12.5 | dmg | SW 8260A |
| | n-Propylbenzene | <1.0 | | ug/L | 09/04/2001 | 3545 | 3545 | <1.0 | dmg | SW 8260A |
| | Styrene | <1.0 | | ug/L | 09/04/2001 | 3545 | 3545 | <1.0 | dmg | SW 8260A |
| | Naphthalene | <5.0 | | ug/L | 09/04/2001 | 3545 | 3545 | <5.0 | dmg | SW 8260A |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/04/2001 | 3545 | 3545 | <1.0 | dmg | SW 8260A |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/04/2001 | 3545 | 3545 | <1.0 | dmg | SW 8260A |
| | Tetrachloroethene | <1.0 | | ug/L | 09/04/2001 | 3545 | 3545 | <1.0 | dmg | SW 8260A |
| | Toluene | <1.0 | | ug/L | 09/04/2001 | 3545 | 3545 | <1.0 | dmg | SW 8260A |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/04/2001 | 3545 | 3545 | <5.0 | dmg | SW 8260A |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/04/2001 | 3545 | 3545 | <1.0 | dmg | SW 8260A |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/04/2001 | 3545 | 3545 | <1.0 | dmg | SW 8260A |
| | Trichloroethene | <1.0 | | ug/L | 09/04/2001 | 3545 | 3545 | <1.0 | dmg | SW 8260A |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/04/2001 | 3545 | 3545 | <1.0 | dmg | SW 8260A |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/04/2001 | 3545 | 3545 | <5.0 | dmg | SW 8260A |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/04/2001 | 3545 | 3545 | <1.0 | dmg | SW 8260A |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/04/2001 | 3545 | 3545 | <1.0 | dmg | SW 8260A |
| | Vinyl Acetate | <5.0 | | ug/L | 09/04/2001 | 3545 | 3545 | <5.0 | dmg | SW 8260A |
| | Vinyl Chloride | <1.0 | | ug/L | 09/04/2001 | 3545 | 3545 | <1.0 | dmg | SW 8260A |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

09/10/2001

Job Number: 01.15261

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------------------------|------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 701758 | SBI002:FB1:W082101:428 | | | | | | | | | |
| | | | | | | | | | | DATE/TIME TAKEN |
| | | | | | | | | | | 08/21/2001 17:00 |
| Xylenes | | <1.0 | | ug/L | 09/04/2001 | | 3545 | <1.0 | dmg | SW 8260A |
| d4-1,2-Dichloroethane (surr) | | 112 | | % | 09/04/2001 | | 3545 | | dmg | SW 8260A |
| Dibromofluoromethane (surr) | | 105 | | % | 09/04/2001 | | 3545 | | dmg | SW 8260A |
| d8-Toluene (surr) | | 100 | | % | 09/04/2001 | | 3545 | | dmg | SW 8260A |
| Bromofluorobenzene (surr) | | 109 | | % | 09/04/2001 | | 3545 | | dmg | SW 8260A |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/10/2001

Job Number: 01.15261

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|--------------------------------|------------------------|----------|------|-------|---------------|--------------|--------------|-----------------|----------|------------------|-----------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 701759 | SBI002:TB1:W082101:428 | | | | | | | | | | 08/21/2001 |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | | |
| 8260 - SW846 (AQ) | | Complete | | | 08/27/2001 | | 3525 | Complete | mrh | | |
| Acetone | | <20.0 | | ug/L | 08/27/2001 | | 3525 | <20.0 | mrh | SW 8260A | |
| Benzene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| tert-Butylbenzene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| sec-Butylbenzene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| n-Butylbenzene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| Bromochloromethane | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| Bromodichloromethane | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| Bromoform | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| Bromobenzene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| 2-Butanone (MEK) | | <12.5 | | ug/L | 08/27/2001 | | 3525 | <12.5 | mrh | SW 8260A | |
| Carbon disulfide | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| Carbon tetrachloride | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| Chlorobenzene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| Chloroethane | | <5.0 | | ug/L | 08/27/2001 | | 3525 | <5.0 | mrh | SW 8260A | |
| 2-Chlorotoluene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| 4-Chlorotoluene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| Chloroform | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| Chloromethane | | <5.0 | | ug/L | 08/27/2001 | | 3525 | <5.0 | mrh | SW 8260A | |
| Dibromochloromethane | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| Dibromomethane | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| Dichlorodifluoromethane | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| 1,2-Dibromo-3-chloropropane | | <5.0 | | ug/L | 08/27/2001 | | 3525 | <5.0 | mrh | SW 8260A | |
| 1,2-Dichlorobenzene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| 1,3-Dichlorobenzene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/10/2001

Job Number: 01.15261

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Analyst | Method Reference |
|-----------------------------|------------------------|--------|------|------------|---------------|--------------|--------------|-------------------|------------------|
| | | | | | | Batch Number | Batch Number | | |
| 701759 | SBI002:TB1:W082101:428 | | | | | | | | |
| | | | | | | | | | DATE/TIME TAKEN |
| | | | | | | | | | 08/21/2001 |
| 1,4-Dichlorobenzene | <1.0 | ug/L | | 08/27/2001 | 3525 | <1.0 | mrh | SW 8260A | |
| 1,1-Dichloroethane | <1.0 | ug/L | | 08/27/2001 | 3525 | <1.0 | mrh | SW 8260A | |
| 1,2-Dichloroethane | <1.0 | ug/L | | 08/27/2001 | 3525 | <1.0 | mrh | SW 8260A | |
| 1,1-Dichloroethene | <1.0 | ug/L | | 08/27/2001 | 3525 | <1.0 | mrh | SW 8260A | |
| cis-1,2-Dichloroethene | <1.0 | ug/L | | 08/27/2001 | 3525 | <1.0 | mrh | SW 8260A | |
| trans-1,2-Dichloroethene | <1.0 | ug/L | | 08/27/2001 | 3525 | <1.0 | mrh | SW 8260A | |
| 1,2-Dichloropropane | <1.0 | ug/L | | 08/27/2001 | 3525 | <1.0 | mrh | SW 8260A | |
| 1,3-Dichloropropane | <1.0 | ug/L | | 08/27/2001 | 3525 | <1.0 | mrh | SW 8260A | |
| 2,2-Dichloropropane | <1.0 | ug/L | | 08/27/2001 | 3525 | <1.0 | mrh | SW 8260A | |
| 1,1-Dichloropropene | <1.0 | ug/L | | 08/27/2001 | 3525 | <1.0 | mrh | SW 8260A | |
| cis-1,3-Dichloropropene | <1.0 | ug/L | | 08/27/2001 | 3525 | <1.0 | mrh | SW 8260A | |
| trans-1,3-Dichloropropene | <1.0 | ug/L | | 08/27/2001 | 3525 | <1.0 | mrh | SW 8260A | |
| Ethylbenzene | <1.0 | ug/L | | 08/27/2001 | 3525 | <1.0 | mrh | SW 8260A | |
| Hexachlorobutadiene | <5.0 | ug/L | | 08/27/2001 | 3525 | <5.0 | mrh | SW 8260A | |
| n-Hexane | <5.0 | ug/L | | 08/27/2001 | 3525 | <5.0 | mrh | SW 8260A | |
| 2-Hexanone | <12.5 | ug/L | | 08/27/2001 | 3525 | <12.5 | mrh | SW 8260A | |
| Isopropylbenzene (Cumene) | <1.0 | ug/L | | 08/27/2001 | 3525 | <1.0 | mrh | SW 8260A | |
| p-Isopropyltoluene | <1.0 | ug/L | | 08/27/2001 | 3525 | <1.0 | mrh | SW 8260A | |
| Bromomethane | <5.0 | ug/L | | 08/27/2001 | 3525 | <5.0 | mrh | SW 8260A | |
| Methylene Chloride | <5.0 | ug/L | | 08/27/2001 | 3525 | <5.0 | mrh | SW 8260A | |
| Methyl t-butyl ether (MTBE) | <5.0 | ug/L | | 08/27/2001 | 3525 | <5.0 | mrh | SW 8260A | |
| 4-Methyl-2-pentanone (MIBK) | <12.5 | ug/L | | 08/27/2001 | 3525 | <12.5 | mrh | SW 8260A | |
| n-Propylbenzene | <1.0 | ug/L | | 08/27/2001 | 3525 | <1.0 | mrh | SW 8260A | |
| Styrene | <1.0 | ug/L | | 08/27/2001 | 3525 | <1.0 | mrh | SW 8260A | |
| Naphthalene | <5.0 | ug/L | | 08/27/2001 | 3525 | <5.0 | mrh | SW 8260A | |
| 1,1,1,2-Tetrachloroethane | <1.0 | ug/L | | 08/27/2001 | 3525 | <1.0 | mrh | SW 8260A | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

09/10/2001

Job Number: 01.15261

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------------------------|------------------------|--------|------|------------|---------------|--------------|--------------|-----------------|----------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 701759 | SBI002:TB1:W082101:428 | | | | | | | | | |
| | | | | | | | | | | DATE/TIME TAKEN |
| | | | | | | | | | | 08/21/2001 |
| 1,1,2,2-Tetrachloroethane | <1.0 | ug/L | | 08/27/2001 | 3525 | <1.0 | mrh | SW 8260A | | |
| Tetrachloroethene | <1.0 | ug/L | | 08/27/2001 | 3525 | <1.0 | mrh | SW 8260A | | |
| Toluene | <1.0 | ug/L | | 08/27/2001 | 3525 | <1.0 | mrh | SW 8260A | | |
| 1,2,4-Trichlorobenzene | <5.0 | ug/L | | 08/27/2001 | 3525 | <5.0 | mrh | SW 8260A | | |
| 1,1,1-Trichloroethane | <1.0 | ug/L | | 08/27/2001 | 3525 | <1.0 | mrh | SW 8260A | | |
| 1,1,2-Trichloroethane | <1.0 | ug/L | | 08/27/2001 | 3525 | <1.0 | mrh | SW 8260A | | |
| Trichloroethene | <1.0 | ug/L | | 08/27/2001 | 3525 | <1.0 | mrh | SW 8260A | | |
| Trichlorofluoromethane | <1.0 | ug/L | | 08/27/2001 | 3525 | <1.0 | mrh | SW 8260A | | |
| 1,2,3-Trichloropropane | <5.0 | ug/L | | 08/27/2001 | 3525 | <5.0 | mrh | SW 8260A | | |
| 1,2,4-Trimethylbenzene | <1.0 | ug/L | | 08/27/2001 | 3525 | <1.0 | mrh | SW 8260A | | |
| 1,3,5-Trimethylbenzene | <1.0 | ug/L | | 08/27/2001 | 3525 | <1.0 | mrh | SW 8260A | | |
| Vinyl Acetate | <5.0 | ug/L | | 08/27/2001 | 3525 | <5.0 | mrh | SW 8260A | | |
| Vinyl Chloride | <1.0 | ug/L | | 08/27/2001 | 3525 | <1.0 | mrh | SW 8260A | | |
| Xylenes | <1.0 | ug/L | | 08/27/2001 | 3525 | <1.0 | mrh | SW 8260A | | |
| d4-1,2-Dichloroethane (surr) | 101 | % | | 08/27/2001 | 3525 | | mrh | SW 8260A | | |
| Dibromofluoromethane (surr) | 102 | % | | 08/27/2001 | 3525 | | mrh | SW 8260A | | |
| d8-Toluene (surr) | 99 | % | | 08/27/2001 | 3525 | | mrh | SW 8260A | | |
| Bromofluorobenzene (surr) | 101 | % | | 08/27/2001 | 3525 | | mrh | SW 8260A | | |

QUALITY CONTROL FLAG DEFINITIONS

Job Number: 01.15261

(*) Indicates an out-of-control QC. The analytical data was reported based on other supporting quality control information.

(Note) Indicates to review the notes and comments section of the analytical report as there is additional information concerning this analytical result.

(MS) Indicates that the Matrix Spike (MS) was out of statistical advisory limits.

(MSD) Indicates that the Matrix Spike Duplicate (MSD) was out of statistical advisory limits.

(RPD) Indicates that the Relative Percent Difference (RPD) for the MS/MSD pair was outside of statistical advisory limits.

(SS) Indicates that the MS and MSD were out of statistical advisory limits.

(SSR) Indicates that the MS, MSD and RPD were out of statistical advisory limits.

(MSR) Indicates that the MS and RPD were out of statistical advisory limits.

(MSDR) Indicates that the MSD and RPD were out of statistical advisory limits.

(DL) Indicates that the MS and MSD were diluted out and the percent recoveries of the spikes could not be calculated.

(LS) Indicates that statistical accuracy and precision data is not available for spike concentrations which are $< 1/4$ of the sample amount. Care should be used in interpreting this data.

(J) Indicates estimated concentration due to internal standard areas or surrogate recoveries outside of control limits. A sample matrix effect is usually indicated.

(DW) Indicates Dry Weight.

Analytical Reporting Limits

The reporting limits listed for non-aqueous samples in the analytical report section are Practical Quantitation Limits (PQLs). These PQLs are based upon a typical standard weight used for a non-aqueous sample. The reporting limit for a sample may be different from the PQL listed depending upon the actual weight of sample used, the samples moisture content and any dilutions used during the analysis.

701 (S) 701156

NO. 5335

CHAIN OF CUSTODY RECORD

Hull & Associates, Inc.

Dublin
 6130 Wilcox Road
 Dublin, Ohio 43016
 Phone: (614) 385-8777
 FAX: (614) 385-9070

Mason
 4700 Duke Drive, Suite 172
 Mason, Ohio 45040
 Phone: (513) 459-9677
 FAX: (513) 459-9669

Warrensville Heights
 4949 Galaxy Parkway, Suite S
 Warrensville Heights, Ohio 44128
 Phone: (216) 514-7100
 FAX: (216) 514-7104

REPORT TO: KEVIN WILDMAN

Client: South Bevo
 Site: Area A
 Project#: SB1002 Phase: 01. TST
 Samplers: R/M

- SAMPLE TYPES**
- A - AIR
 - B - ASPHALT
 - C - SEDIMENT
 - D - CROUING WATER
 - E - PRODUCT
 - F - SOIL
 - G - WATER
 - H - OTHERS
- All samples are kept at 4°C.
- PRESERVATIVES**
- A - Cool only, <4°C
 - B - HNO₃ pH<2
 - C - H₂SO₄ pH<2
 - D - NaOH pH>12
 - E - ZnAcetate + NaOH, pH>9
 - F - Na₂S₂O₅ (0.008%)
 - G - HCl pH <2
- METALS**
- F - FILTERED
 - N - NOT FILTERED
 - B - BOTH

| PROJECT NO. | SAMPLE LOCATION | SAMPLE TYPE | SAMPLER ID | NO. OF METALS CONT. | SAMPLING DATE/TIME | ANALYSES | COMMENTS |
|-------------|-----------------|-------------|------------|---------------------|--------------------|----------|---|
| SB1002 | HW2240 | S005020 | 428 | 2 | 8-21-01 0700 | X | Voc METALS ex tra Sample For Matrix Spike |
| SB1002 | HW2240 | S005020 | 428 | 2 | 8-21-01 0700 | X | |
| SB1002 | FB1 | W082101 | 428 | 4 | 8-21-01 1700 | X | |
| SB1022 | TB1 | W082101 | 428 | 3 | 8-21-01 | X | |
| : | : | : | : | : | : | | |
| : | : | : | : | : | : | | |
| : | : | : | : | : | : | | |
| : | : | : | : | : | : | | |
| : | : | : | : | : | : | | |
| : | : | : | : | : | : | | |
| : | : | : | : | : | : | | |
| : | : | : | : | : | : | | |

| | | | | | |
|------------------|---------------|--------------|--------------|---------------|--------------|
| RELINQUISHED BY: | DATE: 8-21-01 | TIME: 18-05- | RECEIVED BY: | DATE: 8-21-01 | TIME: 18-05- |
| RELINQUISHED BY: | DATE: 8-21-01 | TIME: 18-31- | RECEIVED BY: | DATE: 8-21-01 | TIME: 18-30- |
| RELINQUISHED BY: | DATE: - | TIME: - | RECEIVED BY: | DATE: 8-20-01 | TIME: -0955 |

COOLER TEMPERATURE AS RECEIVED °C: 3

Deliver To: TEST AMERICA
 Method of Delivery: SEE EX
 Airbill Number: 826265767992

NOTES: PLEASE CHECK RMP FROM TRIP BLANK

TURN AROUND TIME: 37 DAYS



SBI002

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

09/18/2001

Job Number: 01.15323

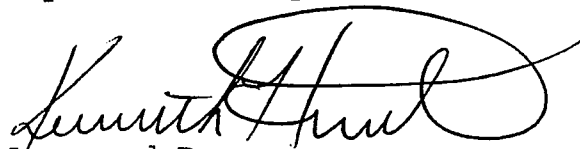
Enclosed is the analytical report for the following samples submitted to the Dayton Division of TestAmerica, Inc. for analysis:

| <u>Sample Number</u> | <u>Sample Description</u> | <u>Date Taken</u> | <u>Date Received</u> |
|----------------------|---------------------------|-------------------|----------------------|
| 701886 | SBI002:MW16D:S010020:480 | 08/22/2001 | 08/23/2001 |
| 701887 | SBI002:MW16D:S041055:480 | 08/22/2001 | 08/23/2001 |
| 701888 | SBI002:HMW19D:S080095:428 | 08/22/2001 | 08/23/2001 |
| 701889 | SBI002:HMW19D:S120130:428 | 08/22/2001 | 08/23/2001 |
| 701890 | SBI002:FB1:W082201:428 | 08/22/2001 | 08/23/2001 |
| 701891 | SBI002:TB1:W082201:428 | 08/22/2001 | 08/23/2001 |

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Reproduction of this analytical report is permitted only in its entirety.

Enclosure


Approved By

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/18/2001

Job Number: 01.15323

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 701886 | SBI002:MW16D:S010020:480 | | | | | | | | | | 08/22/2001 15:25 |
| | Bromomethane | <5.6 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.6 | dmg | SW 8260A | |
| | Dichlorodifluoromethane | <5.6 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.6 | dmg | SW 8260A | |
| | 1,2-Dibromo-3-chloropropane | <5.6 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.6 | dmg | SW 8260A | |
| | 1,2-Dichlorobenzene | <5.6 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.6 | dmg | SW 8260A | |
| | 1,3-Dichlorobenzene | <5.6 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.6 | dmg | SW 8260A | |
| | 1,4-Dichlorobenzene | <5.6 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.6 | dmg | SW 8260A | |
| | 1,1-Dichloroethane | <5.6 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.6 | dmg | SW 8260A | |
| | 1,2-Dichloroethane | <5.6 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.6 | dmg | SW 8260A | |
| | 1,1-Dichloroethene | <5.6 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.6 | dmg | SW 8260A | |
| | cis-1,2-Dichloroethene | <5.6 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.6 | dmg | SW 8260A | |
| | trans-1,2-Dichloroethene | <5.6 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.6 | dmg | SW 8260A | |
| | 1,2-Dichloropropane | <5.6 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.6 | dmg | SW 8260A | |
| | 1,3-Dichloropropane | <5.6 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.6 | dmg | SW 8260A | |
| | 2,2-Dichloropropane | <5.6 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.6 | dmg | SW 8260A | |
| | 1,1-Dichloropropene | <5.6 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.6 | dmg | SW 8260A | |
| | cis-1,3-Dichloropropene | <5.6 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.6 | dmg | SW 8260A | |
| | trans-1,3-Dichloropropene | <5.6 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.6 | dmg | SW 8260A | |
| | Ethylbenzene | <5.6 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.6 | dmg | SW 8260A | |
| | Hexachlorobutadiene | <5.6 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.6 | dmg | SW 8260A | |
| | n-Hexane | <22.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <22.5 | dmg | SW 8260A | |
| | 2-Hexanone | <56.2 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <56.2 | dmg | SW 8260A | |
| | Isopropylbenzene (Cumene) | <5.6 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.6 | dmg | SW 8260A | |
| | p-Isopropyltoluene | <5.6 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.6 | dmg | SW 8260A | |
| | Bromomethane | <11.2 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <11.2 | dmg | SW 8260A | |
| | Methylene Chloride | <11.2 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <11.2 | dmg | SW 8260A | |
| | Methyl t-butyl ether (MTBE) | <5.6 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.6 | dmg | SW 8260A | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/18/2001

Job Number: 01.15323

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|-------------------------------|--------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 701886 | SBI002:MW16D:S010020:480 | | | | | | | | | | 08/22/2001 15:25 |
| 4-Methyl-2-pentanone (MIBK) | | <56.2 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <56.2 | dmg | SW 8260A | |
| n-Propylbenzene | | <5.6 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.6 | dmg | SW 8260A | |
| Styrene | | <5.6 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.6 | dmg | SW 8260A | |
| Naphthalene | | <5.6 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.6 | dmg | SW 8260A | |
| 1,1,1,2-Tetrachloroethane | | <5.6 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.6 | dmg | SW 8260A | |
| 1,1,2,2-Tetrachloroethane | | <5.6 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.6 | dmg | SW 8260A | |
| Tetrachloroethene | | 157 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.6 | dmg | SW 8260A | |
| Toluene | | <5.6 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.6 | dmg | SW 8260A | |
| 1,2,4-Trichlorobenzene | | <5.6 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.6 | dmg | SW 8260A | |
| 1,1,1-Trichloroethane | | <5.6 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.6 | dmg | SW 8260A | |
| 1,1,2-Trichloroethane | | <5.6 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.6 | dmg | SW 8260A | |
| Trichloroethene | | <5.6 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.6 | dmg | SW 8260A | |
| Trichlorofluoromethane | | <5.6 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.6 | dmg | SW 8260A | |
| 1,2,3-Trichloropropane | | <5.6 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.6 | dmg | SW 8260A | |
| 1,2,4-Trimethylbenzene | | <5.6 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.6 | dmg | SW 8260A | |
| 1,3,5-Trimethylbenzene | | <5.6 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.6 | dmg | SW 8260A | |
| Vinyl Acetate | | <5.6 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.6 | dmg | SW 8260A | |
| Vinyl Chloride | | <2.2 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <2.2 | dmg | SW 8260A | |
| Xylenes, Total | | <5.6 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.6 | dmg | SW 8260A | |
| d4-1,2-Dichloroethane (surr) | | 91 | | % | 08/24/2001 | 1484 | 1484 | | dmg | SW 8260A | |
| Dibromofluoromethane (surr) | | 96 | | % | 08/24/2001 | 1484 | 1484 | | dmg | SW 8260A | |
| d8-Toluene (surr) | | 110 | | % | 08/24/2001 | 1484 | 1484 | | dmg | SW 8260A | |
| Bromofluorobenzene (surr) | | 123 | Note | % | 08/24/2001 | 1484 | 1484 | | dmg | SW 8260A | |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | | |
| Acenaphthene | | <371 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <371 | jrjw | SW 8270C | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/18/2001

Job Number: 01.15323

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------------------------|--------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 701886 | SBI002:MW16D:S010020:480 | | | | | | | | | | 08/22/2001 15:25 |
| Acenaphthylene | | <371 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <371 | jrw | SW 8270C | |
| Anthracene | | <371 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <371 | jrw | SW 8270C | |
| Benzo(a)anthracene | | 829 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <371 | jrw | SW 8270C | |
| Benzo(b)fluoranthene | | 944 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <371 | jrw | SW 8270C | |
| Benzo(k)fluoranthene | | <371 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <371 | jrw | SW 8270C | |
| Benzo(a)pyrene | | 721 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <185 | jrw | SW 8270C | |
| Benzyl alcohol | | <371 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <371 | jrw | SW 8270C | |
| Benzyl butyl phthalate | | <371 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <371 | jrw | SW 8270C | |
| Bis(2-chloroethyl)ether | | <371 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <371 | jrw | SW 8270C | |
| Bis(2-chloroethoxy)methane | | <371 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <371 | jrw | SW 8270C | |
| Bis(2-ethylhexyl)phthalate | | <371 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <371 | jrw | SW 8270C | |
| 2,2'-oxybis(1-Chloropropane) | | <371 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <371 | jrw | SW 8270C | |
| 4-Bromophenyl phenyl ether | | <371 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <371 | jrw | SW 8270C | |
| 4-Chloroaniline | | <371 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <371 | jrw | SW 8270C | |
| 2-Chloronaphthalene | | <371 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <371 | jrw | SW 8270C | |
| Chrysene | | 790 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <371 | jrw | SW 8270C | |
| Dibenzo(a,h)anthracene | | <185 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <185 | jrw | SW 8270C | |
| Dibenzofuran | | <371 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <371 | jrw | SW 8270C | |
| 1,2-Dichlorobenzene | | <371 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <371 | jrw | SW 8270C | |
| 1,3-Dichlorobenzene | | <371 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <371 | jrw | SW 8270C | |
| 1,4-Dichlorobenzene | | <371 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <371 | jrw | SW 8270C | |
| 3,3'-Dichlorobenzidine | | <742 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <742 | jrw | SW 8270C | |
| Diethyl phthalate | | <371 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <371 | jrw | SW 8270C | |
| Dimethyl phthalate | | <371 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <371 | jrw | SW 8270C | |
| 2,4-Dinitrotoluene | | <371 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <371 | jrw | SW 8270C | |
| 2,6-Dinitrotoluene | | <371 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <371 | jrw | SW 8270C | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/18/2001

Job Number: 01.15323

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|---------------------------|--------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 701886 | SBI002:MW16D:S010020:480 | | | | | | | | | |
| | | | | | | | | | | DATE/TIME TAKEN |
| | | | | | | | | | | 08/22/2001 15:25 |
| 2-Methylphenol | | <371 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <371 | jrj | SW 8270C |
| meta & para-Methylphenol | | <371 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <371 | jrj | SW 8270C |
| 2-Nitrophenol | | <371 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <371 | jrj | SW 8270C |
| Pentachlorophenol | | <371 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <371 | jrj | SW 8270C |
| Phenol | | <371 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <371 | jrj | SW 8270C |
| 2,4,5-Trichlorophenol | | <371 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <371 | jrj | SW 8270C |
| 2,4,6-Trichlorophenol | | <371 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <371 | jrj | SW 8270C |
| Surrogate: d6-Phenol | | 63 | | % | 08/28/2001 | 955 | 1476 | | jrj | SW 8270C |
| Surrogate: 2-Fluorophenol | | 46 | | % | 08/28/2001 | 955 | 1476 | | jrj | SW 8270C |
| Surrogate: Tribromophenol | | 77 | | % | 08/28/2001 | 955 | 1476 | | jrj | SW 8270C |
| TPH - DRO Non-Aqueous | | 408 | | mg/kg dw | 09/03/2001 | 200 | 289 | <11 | meh | SW 8015M |
| TPH - FTIR Non-aq | | <56 | | mg/kg dw | 08/27/2001 | 597 | 629 | <56 | 260 | 418.1 |

| SAMPLE NO. | SAMPLE DESCRIPTION | DATE/TIME TAKEN | | | | | | | | |
|--------------------------------|--------------------------|------------------|--|--|------------|-----|------|----------|-----|----------------------------|
| 701887 | SBI002:MW16D:S041055:480 | 08/22/2001 15:45 | | | | | | | | |
| Dry Weight | 93.1 | % | | | 08/28/2001 | | 1486 | | mhg | SM 2540 G. |
| Prep, BNA Non-Aq | Complete | | | | 08/24/2001 | 955 | | Complete | rec | EPA 625; SW 3540C; SW 3545 |
| Prep, TPH 418.1 Nonaq | COMPLETE | | | | 08/27/2001 | 597 | | Complete | sub | SW 9071 |
| Prep, TPH DRO Nonaq | Complete | | | | 08/24/2001 | 200 | | Complete | rec | |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | Complete | | | | 08/24/2001 | | 1484 | Complete | dmg | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/18/2001

Job Number: 01.15323

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|-----------------------------|--------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 701887 | SBI002:MW16D:S041055:480 | | | | | | | | | | 08/22/2001 15:45 |
| Acetone | | <107 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <107 | dmg | SW 8260A | |
| Benzene | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A | |
| tert-Butylbenzene | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A | |
| sec-Butylbenzene | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A | |
| n-Butylbenzene | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A | |
| Bromochloromethane | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A | |
| Bromodichloromethane | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A | |
| Bromoform | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A | |
| Bromobenzene | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A | |
| 2-Butanone (MEK) | | <54 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <54 | dmg | SW 8260A | |
| Carbon disulfide | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A | |
| Carbon tetrachloride | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A | |
| Chlorobenzene | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A | |
| Chloroethane | | <10.7 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <10.7 | dmg | SW 8260A | |
| 2-Chlorotoluene | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A | |
| 4-Chlorotoluene | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A | |
| Chloroform | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A | |
| Chloromethane | | <10.7 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <10.7 | dmg | SW 8260A | |
| Dibromochloromethane | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A | |
| Dibromomethane | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A | |
| Dichlorodifluoromethane | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A | |
| 1,2-Dibromo-3-chloropropane | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A | |
| 1,2-Dichlorobenzene | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A | |
| 1,3-Dichlorobenzene | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A | |
| 1,4-Dichlorobenzene | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A | |
| 1,1-Dichloroethane | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/18/2001

Job Number: 01.15323

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference | DATE/TIME TAKEN |
|-----------------------------|--------------------------|--------|------|----------|------------|-------|-------|-----------|----------|------------------|------------------|
| | | | | | Analyzed | Batch | Batch | | Initials | | |
| 701887 | SBI002:MW16D:S041055:480 | | | | | | | | | | 08/22/2001 15:45 |
| 1,2-Dichloroethane | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A | |
| 1,1-Dichloroethene | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A | |
| cis-1,2-Dichloroethene | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A | |
| trans-1,2-Dichloroethene | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A | |
| 1,2-Dichloropropane | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A | |
| 1,3-Dichloropropane | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A | |
| 2,2-Dichloropropane | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A | |
| 1,1-Dichloropropene | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A | |
| cis-1,3-Dichloropropene | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A | |
| trans-1,3-Dichloropropene | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A | |
| Ethylbenzene | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A | |
| Hexachlorobutadiene | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A | |
| n-Hexane | | <21.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <21.5 | dmg | SW 8260A | |
| 2-Hexanone | | <53.7 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <53.7 | dmg | SW 8260A | |
| Isopropylbenzene (Cumene) | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A | |
| p-Isopropyltoluene | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A | |
| Bromomethane | | <10.7 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <10.7 | dmg | SW 8260A | |
| Methylene Chloride | | <10.7 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <10.7 | dmg | SW 8260A | |
| Methyl t-butyl ether (MTBE) | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A | |
| 4-Methyl-2-pentanone (MIBK) | | <53.7 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <53.7 | dmg | SW 8260A | |
| n-Propylbenzene | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A | |
| Styrene | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A | |
| Naphthalene | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A | |
| 1,1,1,2-Tetrachloroethane | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A | |
| 1,1,2,2-Tetrachloroethane | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A | |
| Tetrachloroethene | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/18/2001

Job Number: 01.15323

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-------------------------------|--------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 701887 | SBI002:MW16D:S041055:480 | | | | | | | | | DATE/TIME TAKEN 08/22/2001 15:45 |
| Toluene | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A |
| 1,2,4-Trichlorobenzene | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A |
| 1,1,1-Trichloroethane | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A |
| 1,1,2-Trichloroethane | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A |
| Trichloroethene | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A |
| Trichlorofluoromethane | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A |
| 1,2,3-Trichloropropane | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A |
| 1,2,4-Trimethylbenzene | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A |
| 1,3,5-Trimethylbenzene | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A |
| Vinyl Acetate | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A |
| Vinyl Chloride | | <2.1 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <2.1 | dmg | SW 8260A |
| Xylenes, Total | | <5.4 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.4 | dmg | SW 8260A |
| d4-1,2-Dichloroethane (surr) | | 102 | | % | 08/24/2001 | 1484 | 1484 | | dmg | SW 8260A |
| Dibromofluoromethane (surr) | | 97 | | % | 08/24/2001 | 1484 | 1484 | | dmg | SW 8260A |
| d8-Toluene (surr) | | 93 | | % | 08/24/2001 | 1484 | 1484 | | dmg | SW 8260A |
| Bromofluorobenzene (surr) | | 92 | | % | 08/24/2001 | 1484 | 1484 | | dmg | SW 8260A |
| BASE NEUT. COMPS.-8270 Non-aq | | | | | | | | | | |
| Acenaphthene | | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrjw | SW 8270C |
| Acenaphthylene | | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrjw | SW 8270C |
| Anthracene | | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrjw | SW 8270C |
| Benzo(a)anthracene | | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrjw | SW 8270C |
| Benzo(b)fluoranthene | | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrjw | SW 8270C |
| Benzo(k)fluoranthene | | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrjw | SW 8270C |
| Benzo(a)pyrene | | <177 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <177 | jrjw | SW 8270C |
| Benzyl alcohol | | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrjw | SW 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/18/2001

Job Number: 01.15323

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|------------|------------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 701887 | SBI002:MW16D:S041055:480 | | | | | | | | | | 08/22/2001 15:45 |
| | Benzyl butyl phthalate | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrw | SW 8270C | |
| | Bis(2-chloroethyl)ether | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrw | SW 8270C | |
| | Bis(2-chloroethoxy)methane | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrw | SW 8270C | |
| | Bis(2-ethylhexyl)phthalate | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrw | SW 8270C | |
| | 2,2'-oxybis(1-Chloropropane) | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrw | SW 8270C | |
| | 4-Bromophenyl phenyl ether | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrw | SW 8270C | |
| | 4-Chloroaniline | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrw | SW 8270C | |
| | 2-Chloronaphthalene | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrw | SW 8270C | |
| | Chrysene | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrw | SW 8270C | |
| | Dibenzo(a,h)anthracene | <177 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <177 | jrw | SW 8270C | |
| | Dibenzofuran | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrw | SW 8270C | |
| | 1,2-Dichlorobenzene | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrw | SW 8270C | |
| | 1,3-Dichlorobenzene | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrw | SW 8270C | |
| | 1,4-Dichlorobenzene | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrw | SW 8270C | |
| | 3,3'-Dichlorobenzidine | <709 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <709 | jrw | SW 8270C | |
| | Diethyl phthalate | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrw | SW 8270C | |
| | Dimethyl phthalate | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrw | SW 8270C | |
| | 2,4-Dinitrotoluene | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrw | SW 8270C | |
| | 2,6-Dinitrotoluene | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrw | SW 8270C | |
| | Di-n-octylphthalate | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrw | SW 8270C | |
| | Fluoranthene | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrw | SW 8270C | |
| | Fluorene | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrw | SW 8270C | |
| | Hexachlorobenzene | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrw | SW 8270C | |
| | Hexachloro-1,3-butadiene | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrw | SW 8270C | |
| | Hexachlorocyclopentadiene | <709 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <709 | jrw | SW 8270C | |
| | Hexachloroethane | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrw | SW 8270C | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/18/2001

Job Number: 01.15323

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Analyst | Method Reference |
|------------------------------|--------------------------|--------|------|----------|---------------|--------------|--------------|-------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | |
| 701887 | SBI002:MW16D:S041055:480 | | | | | | | | DATE/TIME TAKEN 08/22/2001 15:45 |
| Indeno(1,2,3-cd)pyrene | | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrw SW 8270C |
| Isophorone | | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrw SW 8270C |
| Naphthalene | | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrw SW 8270C |
| Nitrobenzene | | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrw SW 8270C |
| N-Nitrosodi-n-propylamine | | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrw SW 8270C |
| Phenanthrene | | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrw SW 8270C |
| Pyrene | | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrw SW 8270C |
| 1,2,4-Trichlorobenzene | | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrw SW 8270C |
| Surrogate: d5-Nitrobenzene | | 91 | | % | 08/28/2001 | 955 | 1476 | | jrw SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 99 | | % | 08/28/2001 | 955 | 1476 | | jrw SW 8270C |
| Surrogate: d14-Terphenyl | | 119 | | % | 08/28/2001 | 955 | 1476 | | jrw SW 8270C |
| ACID COMPOUNDS - 8270 Non-aq | | | | | | | | | |
| Benzoic Acid | | <1,770 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <1,770 | jrw SW 8270C |
| 4-Chloro-3-methylphenol | | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrw SW 8270C |
| 2-Chlorophenol | | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrw SW 8270C |
| 2,4-Dichlorophenol | | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrw SW 8270C |
| 2,4-Dimethylphenol | | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrw SW 8270C |
| 2-Methyl-4,6-dinitrophenol | | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrw SW 8270C |
| 2-Methylphenol | | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrw SW 8270C |
| meta & para-Methylphenol | | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrw SW 8270C |
| 2-Nitrophenol | | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrw SW 8270C |
| Pentachlorophenol | | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrw SW 8270C |
| Phenol | | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrw SW 8270C |
| 2,4,5-Trichlorophenol | | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrw SW 8270C |
| 2,4,6-Trichlorophenol | | <354 | | ug/kg dw | 08/28/2001 | 955 | 1476 | <354 | jrw SW 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/18/2001

Job Number: 01.15323

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|---------------------------|--------------------------|--------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | |
| 701887 | SBI002:MW16D:S041055:480 | | | | | | | | | | 08/22/2001 15:45 |
| Surrogate: d6-Phenol | | 82 | | % | 08/28/2001 | 955 | 1476 | | jrw | SW 8270C | |
| Surrogate: 2-Fluorophenol | | 76 | | % | 08/28/2001 | 955 | 1476 | | jrw | SW 8270C | |
| Surrogate: Tribromophenol | | 94 | | % | 08/28/2001 | 955 | 1476 | | jrw | SW 8270C | |
| TPH - DRO Non-Aqueous | | <11 | | mg/kg dw | 09/02/2001 | 200 | 288 | <11 | meb | SW 8015M | |
| TPH - FTIR Non-aq | | <54 | | mg/kg dw | 08/27/2001 | 597 | 629 | <54 | 260 | 418.1 | |

| SAMPLE NO. | SAMPLE DESCRIPTION | DATE/TIME TAKEN |
|------------|---------------------------|------------------|
| 701888 | SBI002:HMW19D:S080095:428 | 08/22/2001 07:30 |

| | | | | | | | | |
|---------------------------|----------|----------|------------|------|----------|--------|-----|------------|
| Dry Weight | 90.5 | % | 08/28/2001 | 1486 | | | mhg | SM 2540 G. |
| ICP NONAQUEOUS | Complete | | 09/17/2001 | 1269 | Complete | | emd | SW 6010B |
| Arsenic, ICP | <3.6 | mg/kg dw | 09/17/2001 | 910 | 3010 | <3.6 | emd | SW 6010B |
| Barium, ICP | 8.83 | mg/kg dw | 09/17/2001 | 910 | 2941 | <0.73 | emd | SW 6010B |
| Cadmium, ICP | <1.1 | mg/kg dw | 09/17/2001 | 910 | 2923 | <1.1 | emd | SW 6010B |
| Chromium, ICP | 2.8 | mg/kg dw | 09/17/2001 | 910 | 2911 | <1.4 | emd | SW 6010B |
| Lead, ICP | <2.9 | mg/kg dw | 09/17/2001 | 910 | 2912 | <2.9 | emd | SW 6010B |
| Mercury, CVAA | <0.009 | mg/kg dw | 08/30/2001 | 617 | 633 | <0.009 | epk | SW 7471A |
| Selenium, ICP | <3.6 | mg/kg dw | 09/17/2001 | 910 | 2990 | <3.6 | emd | SW 6010B |
| Silver, ICP | <1.4 | mg/kg dw | 09/17/2001 | 910 | 2943 | <1.4 | emd | SW 6010B |
| ICP Digestion, Nonaqueous | Complete | | 08/29/2001 | 910 | Complete | | clm | SW 3050B |
| Mercury Digestion, Non-Aq | Complete | | 08/29/2001 | 617 | Complete | | clm | SW 7471A |

VOLATILE COMPOUNDS-8260 Non-Aq

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

09/18/2001

Job Number: 01.15323

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|-----------------------------|---------------------------|--------|------|-------|---------------|--------|--------------|-----------------|----------|------------------|
| | | | | | | Number | Batch Number | | Initials | |
| 701888 | SBI002:HMW19D:S080095:428 | | | | | | | | | |
| | | | | | | | | | | |
| 8260 - SW846 (Non-aq) | Complete | | | | 08/24/2001 | 1484 | Complete | dmg | | |
| Acetone | <110 | ug/kg | dw | | 08/24/2001 | 1484 | <110 | dmg | SW 8260A | |
| Benzene | <5.5 | ug/kg | dw | | 08/24/2001 | 1484 | <5.5 | dmg | SW 8260A | |
| tert-Butylbenzene | <5.5 | ug/kg | dw | | 08/24/2001 | 1484 | <5.5 | dmg | SW 8260A | |
| sec-Butylbenzene | <5.5 | ug/kg | dw | | 08/24/2001 | 1484 | <5.5 | dmg | SW 8260A | |
| n-Butylbenzene | <5.5 | ug/kg | dw | | 08/24/2001 | 1484 | <5.5 | dmg | SW 8260A | |
| Bromochloromethane | <5.5 | ug/kg | dw | | 08/24/2001 | 1484 | <5.5 | dmg | SW 8260A | |
| Bromodichloromethane | <5.5 | ug/kg | dw | | 08/24/2001 | 1484 | <5.5 | dmg | SW 8260A | |
| Bromoform | <5.5 | ug/kg | dw | | 08/24/2001 | 1484 | <5.5 | dmg | SW 8260A | |
| Bromobenzene | <5.5 | ug/kg | dw | | 08/24/2001 | 1484 | <5.5 | dmg | SW 8260A | |
| 2-Butanone (MEK) | <55 | ug/kg | dw | | 08/24/2001 | 1484 | <55 | dmg | SW 8260A | |
| Carbon disulfide | <5.5 | ug/kg | dw | | 08/24/2001 | 1484 | <5.5 | dmg | SW 8260A | |
| Carbon tetrachloride | <5.5 | ug/kg | dw | | 08/24/2001 | 1484 | <5.5 | dmg | SW 8260A | |
| Chlorobenzene | <5.5 | ug/kg | dw | | 08/24/2001 | 1484 | <5.5 | dmg | SW 8260A | |
| Chloroethane | <11.0 | ug/kg | dw | | 08/24/2001 | 1484 | <11.0 | dmg | SW 8260A | |
| 2-Chlorotoluene | <5.5 | ug/kg | dw | | 08/24/2001 | 1484 | <5.5 | dmg | SW 8260A | |
| 4-Chlorotoluene | <5.5 | ug/kg | dw | | 08/24/2001 | 1484 | <5.5 | dmg | SW 8260A | |
| Chloroform | <5.5 | ug/kg | dw | | 08/24/2001 | 1484 | <5.5 | dmg | SW 8260A | |
| Chloromethane | <11.0 | ug/kg | dw | | 08/24/2001 | 1484 | <11.0 | dmg | SW 8260A | |
| Dibromochloromethane | <5.5 | ug/kg | dw | | 08/24/2001 | 1484 | <5.5 | dmg | SW 8260A | |
| Dibromomethane | <5.5 | ug/kg | dw | | 08/24/2001 | 1484 | <5.5 | dmg | SW 8260A | |
| Dichlorodifluoromethane | <5.5 | ug/kg | dw | | 08/24/2001 | 1484 | <5.5 | dmg | SW 8260A | |
| 1,2-Dibromo-3-chloropropane | <5.5 | ug/kg | dw | | 08/24/2001 | 1484 | <5.5 | dmg | SW 8260A | |
| 1,2-Dichlorobenzene | <5.5 | ug/kg | dw | | 08/24/2001 | 1484 | <5.5 | dmg | SW 8260A | |
| 1,3-Dichlorobenzene | <5.5 | ug/kg | dw | | 08/24/2001 | 1484 | <5.5 | dmg | SW 8260A | |
| 1,4-Dichlorobenzene | <5.5 | ug/kg | dw | | 08/24/2001 | 1484 | <5.5 | dmg | SW 8260A | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/18/2001

Job Number: 01.15323

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | 08/22/2001 07:30 |
| | 1,1-Dichloroethane | <5.5 | | ug/kg dw | 08/24/2001 | | 1484 | <5.5 | dmg | SW 8260A | |
| | 1,2-Dichloroethane | <5.5 | | ug/kg dw | 08/24/2001 | | 1484 | <5.5 | dmg | SW 8260A | |
| | 1,1-Dichloroethene | <5.5 | | ug/kg dw | 08/24/2001 | | 1484 | <5.5 | dmg | SW 8260A | |
| | cis-1,2-Dichloroethene | <5.5 | | ug/kg dw | 08/24/2001 | | 1484 | <5.5 | dmg | SW 8260A | |
| | trans-1,2-Dichloroethene | <5.5 | | ug/kg dw | 08/24/2001 | | 1484 | <5.5 | dmg | SW 8260A | |
| | 1,2-Dichloropropane | <5.5 | | ug/kg dw | 08/24/2001 | | 1484 | <5.5 | dmg | SW 8260A | |
| | 1,3-Dichloropropane | <5.5 | | ug/kg dw | 08/24/2001 | | 1484 | <5.5 | dmg | SW 8260A | |
| | 2,2-Dichloropropane | <5.5 | | ug/kg dw | 08/24/2001 | | 1484 | <5.5 | dmg | SW 8260A | |
| | 1,1-Dichloropropene | <5.5 | | ug/kg dw | 08/24/2001 | | 1484 | <5.5 | dmg | SW 8260A | |
| | cis-1,3-Dichloropropene | <5.5 | | ug/kg dw | 08/24/2001 | | 1484 | <5.5 | dmg | SW 8260A | |
| | trans-1,3-Dichloropropene | <5.5 | | ug/kg dw | 08/24/2001 | | 1484 | <5.5 | dmg | SW 8260A | |
| | Ethylbenzene | <5.5 | | ug/kg dw | 08/24/2001 | | 1484 | <5.5 | dmg | SW 8260A | |
| | Hexachlorobutadiene | <5.5 | | ug/kg dw | 08/24/2001 | | 1484 | <5.5 | dmg | SW 8260A | |
| | n-Hexane | <22.1 | | ug/kg dw | 08/24/2001 | | 1484 | <22.1 | dmg | SW 8260A | |
| | 2-Hexanone | <55.2 | | ug/kg dw | 08/24/2001 | | 1484 | <55.2 | dmg | SW 8260A | |
| | Isopropylbenzene (Cumene) | <5.5 | | ug/kg dw | 08/24/2001 | | 1484 | <5.5 | dmg | SW 8260A | |
| | p-Isopropyltoluene | <5.5 | | ug/kg dw | 08/24/2001 | | 1484 | <5.5 | dmg | SW 8260A | |
| | Bromomethane | <11.0 | | ug/kg dw | 08/24/2001 | | 1484 | <11.0 | dmg | SW 8260A | |
| | Methylene Chloride | <11.0 | | ug/kg dw | 08/24/2001 | | 1484 | <11.0 | dmg | SW 8260A | |
| | Methyl t-butyl ether (MTBE) | <5.5 | | ug/kg dw | 08/24/2001 | | 1484 | <5.5 | dmg | SW 8260A | |
| | 4-Methyl-2-pentanone (MIBK) | <55.2 | | ug/kg dw | 08/24/2001 | | 1484 | <55.2 | dmg | SW 8260A | |
| | n-Propylbenzene | <5.5 | | ug/kg dw | 08/24/2001 | | 1484 | <5.5 | dmg | SW 8260A | |
| | Styrene | <5.5 | | ug/kg dw | 08/24/2001 | | 1484 | <5.5 | dmg | SW 8260A | |
| | Naphthalene | <5.5 | | ug/kg dw | 08/24/2001 | | 1484 | <5.5 | dmg | SW 8260A | |
| | 1,1,1,2-Tetrachloroethane | <5.5 | | ug/kg dw | 08/24/2001 | | 1484 | <5.5 | dmg | SW 8260A | |
| | 1,1,2,2-Tetrachloroethane | <5.5 | | ug/kg dw | 08/24/2001 | | 1484 | <5.5 | dmg | SW 8260A | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/18/2001

Job Number: 01.15323

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|------------------------------|---------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 701888 | SBI002:HMW19D:S080095:428 | | | | | | | | | | 08/22/2001 07:30 |
| Tetrachloroethene | | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| Toluene | | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| 1,2,4-Trichlorobenzene | | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| 1,1,1-Trichloroethane | | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| 1,1,2-Trichloroethane | | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| Trichloroethene | | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| Trichlorofluoromethane | | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| 1,2,3-Trichloropropane | | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| 1,2,4-Trimethylbenzene | | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| 1,3,5-Trimethylbenzene | | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| Vinyl Acetate | | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| Vinyl Chloride | | <2.2 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <2.2 | dmg | SW 8260A | |
| Xylenes, Total | | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| d4-1,2-Dichloroethane (surr) | | 101 | | % | 08/24/2001 | 1484 | 1484 | | dmg | SW 8260A | |
| Dibromofluoromethane (surr) | | 98 | | % | 08/24/2001 | 1484 | 1484 | | dmg | SW 8260A | |
| d8-Toluene (surr) | | 94 | | % | 08/24/2001 | 1484 | 1484 | | dmg | SW 8260A | |
| Bromofluorobenzene (surr) | | 91 | | % | 08/24/2001 | 1484 | 1484 | | dmg | SW 8260A | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/18/2001

Job Number: 01.15323

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|--------------------------------|---------------------------|----------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | 08/22/2001 07:40 |
| 701889 | SBI002:HMW19D:S120130:428 | | | | | | | | | | |
| | Dry Weight | 91.5 | | % | 08/28/2001 | | 1486 | | emd | SM 2540 G. | |
| | ICP NONAQUEOUS | Complete | | | 09/17/2001 | | 1269 | Complete | emd | SW 6010B | |
| | Arsenic, ICP | 5.7 | | mg/kg dw | 09/17/2001 | 910 | 3010 | <3.6 | emd | SW 6010B | |
| | Barium, ICP | 16.3 | | mg/kg dw | 09/17/2001 | 910 | 2941 | <0.72 | emd | SW 6010B | |
| | Cadmium, ICP | <1.1 | | mg/kg dw | 09/17/2001 | 910 | 2923 | <1.1 | emd | SW 6010B | |
| | Chromium, ICP | 5.1 | | mg/kg dw | 09/17/2001 | 910 | 2911 | <1.4 | emd | SW 6010B | |
| | Lead, ICP | 8 | | mg/kg dw | 09/17/2001 | 910 | 2912 | <2.8 | emd | SW 6010B | |
| | Mercury, CVAA | 0.012 | | mg/kg dw | 08/30/2001 | 617 | 633 | <0.009 | epk | SW 7471A | |
| | Selenium, ICP | <3.6 | | mg/kg dw | 09/17/2001 | 910 | 2990 | <3.6 | emd | SW 6010B | |
| | Silver, ICP | <1.4 | | mg/kg dw | 09/17/2001 | 910 | 2943 | <1.4 | emd | SW 6010B | |
| | ICP Digestion, Nonaqueous | Complete | | | 08/29/2001 | 910 | | Complete | clm | SW 3050B | |
| | Mercury Digestion, Non-Aq | Complete | | | 08/29/2001 | 617 | | Complete | clm | SW 7471A | |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | | |
| | 8260 - SW846 (Non-aq) | Complete | | | 08/24/2001 | | 1484 | Complete | dmg | | |
| | Acetone | <109 | | ug/kg dw | 08/24/2001 | | 1484 | <109 | dmg | SW 8260A | |
| | Benzene | <5.5 | | ug/kg dw | 08/24/2001 | | 1484 | <5.5 | dmg | SW 8260A | |
| | tert-Butylbenzene | <5.5 | | ug/kg dw | 08/24/2001 | | 1484 | <5.5 | dmg | SW 8260A | |
| | sec-Butylbenzene | <5.5 | | ug/kg dw | 08/24/2001 | | 1484 | <5.5 | dmg | SW 8260A | |
| | n-Butylbenzene | <5.5 | | ug/kg dw | 08/24/2001 | | 1484 | <5.5 | dmg | SW 8260A | |
| | Bromochloromethane | <5.5 | | ug/kg dw | 08/24/2001 | | 1484 | <5.5 | dmg | SW 8260A | |
| | Bromodichloromethane | <5.5 | | ug/kg dw | 08/24/2001 | | 1484 | <5.5 | dmg | SW 8260A | |
| | Bromoform | <5.5 | | ug/kg dw | 08/24/2001 | | 1484 | <5.5 | dmg | SW 8260A | |
| | Bromobenzene | <5.5 | | ug/kg dw | 08/24/2001 | | 1484 | <5.5 | dmg | SW 8260A | |
| | 2-Butanone (MEK) | <55 | | ug/kg dw | 08/24/2001 | | 1484 | <55 | dmg | SW 8260A | |
| | Carbon disulfide | <5.5 | | ug/kg dw | 08/24/2001 | | 1484 | <5.5 | dmg | SW 8260A | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/18/2001

Job Number: 01.15323

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|-----------------------------|---------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 701889 | SBI002:HMW19D:S120130:428 | | | | | | | | | | 08/22/2001 07:40 |
| Carbon tetrachloride | | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| Chlorobenzene | | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| Chloroethane | | <10.9 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <10.9 | dmg | SW 8260A | |
| 2-Chlorotoluene | | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| 4-Chlorotoluene | | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| Chloroform | | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| Chloromethane | | <10.9 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <10.9 | dmg | SW 8260A | |
| Dibromochloromethane | | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| Dibromomethane | | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| Dichlorodifluoromethane | | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| 1,2-Dibromo-3-chloropropane | | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| 1,2-Dichlorobenzene | | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| 1,3-Dichlorobenzene | | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| 1,4-Dichlorobenzene | | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| 1,1-Dichloroethane | | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| 1,2-Dichloroethane | | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| 1,1-Dichloroethene | | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| cis-1,2-Dichloroethene | | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| trans-1,2-Dichloroethene | | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| 1,2-Dichloropropane | | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| 1,3-Dichloropropane | | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| 2,2-Dichloropropane | | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| 1,1-Dichloropropene | | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| cis-1,3-Dichloropropene | | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| trans-1,3-Dichloropropene | | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| Ethylbenzene | | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/18/2001

Job Number: 01.15323

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 701889 | SBI002:HMW19D:S120130:428 | | | | | | | | | | 08/22/2001 07:40 |
| | hexachlorobutadiene | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| | n-Hexane | <21.9 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <21.9 | dmg | SW 8260A | |
| | 2-Hexanone | <54.6 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <54.6 | dmg | SW 8260A | |
| | Isopropylbenzene (Cumene) | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| | p-Isopropyltoluene | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| | Bromomethane | <10.9 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <10.9 | dmg | SW 8260A | |
| | Methylene Chloride | <10.9 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <10.9 | dmg | SW 8260A | |
| | Methyl t-butyl ether (MTBE) | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| | 4-Methyl-2-pentanone (MIBK) | <54.6 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <54.6 | dmg | SW 8260A | |
| | n-Propylbenzene | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| | Styrene | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| | Naphthalene | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| | 1,1,1,2-Tetrachloroethane | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| | 1,1,2,2-Tetrachloroethane | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| | Tetrachloroethene | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| | Toluene | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| | 1,2,4-Trichlorobenzene | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| | 1,1,1-Trichloroethane | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| | 1,1,2-Trichloroethane | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| | Trichloroethene | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| | Trichlorofluoromethane | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| | 1,2,3-Trichloropropane | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| | 1,2,4-Trimethylbenzene | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| | 1,3,5-Trimethylbenzene | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| | Vinyl Acetate | <5.5 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <5.5 | dmg | SW 8260A | |
| | Vinyl Chloride | <2.2 | | ug/kg dw | 08/24/2001 | 1484 | 1484 | <2.2 | dmg | SW 8260A | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

09/18/2001

Job Number: 01.15323

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|---------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 701889 | SBI002:HMW19D:S120130:428 | | | | | | | | | DATE/TIME TAKEN 08/22/2001 07:40 |
| Xylenes, Total | | <5.5 | | ug/kg dw | 08/24/2001 | | 1484 | <5.5 | dmg | SW 8260A |
| d4-1,2-Dichloroethane(surr) | | 99 | | % | 08/24/2001 | | 1484 | | dmg | SW 8260A |
| Dibromofluoromethane(surr) | | 96 | | % | 08/24/2001 | | 1484 | | dmg | SW 8260A |
| d8-Toluene(surr) | | 93 | | % | 08/24/2001 | | 1484 | | dmg | SW 8260A |
| Bromofluorobenzene(surr) | | 92 | | % | 08/24/2001 | | 1484 | | dmg | SW 8260A |

SAMPLE NO. 701890 **SAMPLE DESCRIPTION** SBI002:FB1:W082201:428 **DATE/TIME TAKEN** 08/22/2001 17:00

| | | | | | | | | | | |
|--------------------------|----------|--|------|--|------------|------|------|----------|-----|-----------------------------|
| ICPMS TOTAL METALS | Complete | | | | 08/31/2001 | | 2491 | Complete | ekh | SW 6020 |
| Arsenic, ICPMS | <0.0050 | | mg/L | | 08/31/2001 | 1816 | 3600 | <0.0050 | ekh | SW 6020 |
| Barium, ICPMS | <0.0050 | | mg/L | | 08/31/2001 | 1816 | 3809 | <0.0050 | ekh | SW 6020 |
| Cadmium, ICPMS | <0.0010 | | mg/L | | 08/31/2001 | 1816 | 3479 | <0.0010 | ekh | SW 6020 |
| Chromium, ICPMS (0.005) | <0.0050 | | mg/L | | 08/31/2001 | 1816 | 3868 | <0.0050 | ekh | SW 6020 |
| Lead, ICPMS | <0.0010 | | mg/L | | 08/31/2001 | 1816 | 3557 | <0.0010 | ekh | SW 6020 |
| Mercury, CVAA | <0.0002 | | mg/L | | 08/27/2001 | 1377 | 1324 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | <0.0050 | | mg/L | | 09/07/2001 | 735 | 571 | <0.0050 | jad | SW 7740 |
| Silver, ICPMS | <0.0005 | | mg/L | | 08/31/2001 | 1816 | 3812 | <0.0005 | ekh | SW 6020 |
| Metals Digestion, ICPMS | Complete | | | | 08/28/2001 | 1816 | | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | Complete | | | | 08/24/2001 | 735 | | Complete | clm | SW 3020A |
| Manual Mercury Digestion | Complete | | | | 08/27/2001 | 1377 | | Complete | clm | SW 7470A |
| Prep, Base Neutral | Complete | | | | 08/23/2001 | 1260 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, Acid Extractable | Complete | | | | 08/23/2001 | 1260 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/18/2001

Job Number: 01.15323

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|--------------------------------|------------------------|----------|------|-------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | |
| 701890 | SBI002:FB1:W082201:428 | | | | | | | | | | 08/22/2001 17:00 |
| Prep, TPH - 418.1 aq | | COMPLETE | | | 08/29/2001 | 599 | | Complete | sub | EPA 418.1 | |
| Prep, TPH DRO Aqueous | | Complete | | | 08/23/2001 | 119 | | Complete | rec | | |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | | |
| 8260 - SW846 (AQ) | | Complete | | | 08/27/2001 | | 3525 | Complete | mrh | | |
| Acetone | | <20.0 | | ug/L | 08/27/2001 | | 3525 | <20.0 | mrh | SW 8260A | |
| Benzene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| tert-Butylbenzene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| sec-Butylbenzene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| n-Butylbenzene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| Bromochloromethane | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| Bromodichloromethane | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| Bromoform | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| Bromobenzene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| 2-Butanone (MEK) | | <12.5 | | ug/L | 08/27/2001 | | 3525 | <12.5 | mrh | SW 8260A | |
| Carbon disulfide | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| Carbon tetrachloride | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| Chlorobenzene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| Chloroethane | | <5.0 | | ug/L | 08/27/2001 | | 3525 | <5.0 | mrh | SW 8260A | |
| 2-Chlorotoluene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| 4-Chlorotoluene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| Chloroform | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| Chloromethane | | <5.0 | | ug/L | 08/27/2001 | | 3525 | <5.0 | mrh | SW 8260A | |
| Dibromochloromethane | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| Dibromomethane | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| Dichlorodifluoromethane | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/18/2001

Job Number: 01.15323

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|-----------------------------|------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 701890 | SBI002:FB1:W082201:428 | | | | | | | | | | 08/22/2001 17:00 |
| 1,2-Dibromo-3-chloropropane | | <5.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <5.0 | mrh | SW 8260A | |
| 1,2-Dichlorobenzene | | <1.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <1.0 | mrh | SW 8260A | |
| 1,3-Dichlorobenzene | | <1.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <1.0 | mrh | SW 8260A | |
| 1,4-Dichlorobenzene | | <1.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <1.0 | mrh | SW 8260A | |
| 1,1-Dichloroethane | | <1.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <1.0 | mrh | SW 8260A | |
| 1,2-Dichloroethane | | <1.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <1.0 | mrh | SW 8260A | |
| 1,1-Dichloroethene | | <1.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <1.0 | mrh | SW 8260A | |
| cis-1,2-Dichloroethene | | <1.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <1.0 | mrh | SW 8260A | |
| trans-1,2-Dichloroethene | | <1.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <1.0 | mrh | SW 8260A | |
| 1,2-Dichloropropane | | <1.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <1.0 | mrh | SW 8260A | |
| 1,3-Dichloropropane | | <1.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <1.0 | mrh | SW 8260A | |
| 2,2-Dichloropropane | | <1.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <1.0 | mrh | SW 8260A | |
| 1,1-Dichloropropene | | <1.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <1.0 | mrh | SW 8260A | |
| cis-1,3-Dichloropropene | | <1.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <1.0 | mrh | SW 8260A | |
| trans-1,3-Dichloropropene | | <1.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <1.0 | mrh | SW 8260A | |
| Ethylbenzene | | <1.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <1.0 | mrh | SW 8260A | |
| Hexachlorobutadiene | | <5.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <5.0 | mrh | SW 8260A | |
| n-Hexane | | <5.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <5.0 | mrh | SW 8260A | |
| 2-Hexanone | | <12.5 | | ug/L | 08/27/2001 | 3525 | 3525 | <12.5 | mrh | SW 8260A | |
| Isopropylbenzene (Cumene) | | <1.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <1.0 | mrh | SW 8260A | |
| p-Isopropyltoluene | | <1.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <1.0 | mrh | SW 8260A | |
| Bromomethane | | <5.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <5.0 | mrh | SW 8260A | |
| Methylene Chloride | | <5.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <5.0 | mrh | SW 8260A | |
| Methyl t-butyl ether (MTBE) | | <5.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <5.0 | mrh | SW 8260A | |
| 4-Methyl-2-pentanone (MIBK) | | <12.5 | | ug/L | 08/27/2001 | 3525 | 3525 | <12.5 | mrh | SW 8260A | |
| n-Propylbenzene | | <1.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <1.0 | mrh | SW 8260A | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/18/2001

Job Number: 01.15323

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|------------------------------|--------|------|-------|------------|--------------|--------------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch Number | Batch Number | Limit | Initials | |
| 701890 | SBI002:FB1:W082201:428 | | | | | | | | | DATE/TIME TAKEN 08/22/2001 17:00 |
| | Styrene | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A |
| | Naphthalene | <5.0 | | ug/L | 08/27/2001 | | 3525 | <5.0 | mrh | SW 8260A |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A |
| | Tetrachloroethene | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A |
| | Toluene | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 08/27/2001 | | 3525 | <5.0 | mrh | SW 8260A |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A |
| | Trichloroethene | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A |
| | Trichlorofluoromethane | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 08/27/2001 | | 3525 | <5.0 | mrh | SW 8260A |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A |
| | Vinyl Acetate | <5.0 | | ug/L | 08/27/2001 | | 3525 | <5.0 | mrh | SW 8260A |
| | Vinyl Chloride | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A |
| | Xylenes | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A |
| | d4-1,2-Dichloroethane (surr) | 102 | | % | 08/27/2001 | | 3525 | | mrh | SW 8260A |
| | Dibromofluoromethane (surr) | 102 | | % | 08/27/2001 | | 3525 | | mrh | SW 8260A |
| | d8-Toluene (surr) | 98 | | % | 08/27/2001 | | 3525 | | mrh | SW 8260A |
| | Bromofluorobenzene (surr) | 101 | | % | 08/27/2001 | | 3525 | | mrh | SW 8260A |
| | BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | |
| | Acenaphthene | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrjw | SW 8270C |
| | Acenaphthylene | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrjw | SW 8270C |
| | Anthracene | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrjw | SW 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/18/2001

Job Number: 01.15323

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------------------------|------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 701890 | SBI002:FB1:W082201:428 | | | | | | | | | DATE/TIME TAKEN 08/22/2001 17:00 |
| Benzo(a)anthracene | | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrjw | SW 8270C |
| Benzo(b)fluoranthene | | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrjw | SW 8270C |
| Benzo(k)fluoranthene | | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrjw | SW 8270C |
| Benzo(a)pyrene | | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrjw | SW 8270C |
| Benzyl alcohol | | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrjw | SW 8270C |
| Benzyl butyl phthalate | | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrjw | SW 8270C |
| bis(2-Chloroethyl) ether | | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrjw | SW 8270C |
| bis(2-Chloroethoxy) methane | | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrjw | SW 8270C |
| bis(2-Ethylhexyl) phthalate | | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrjw | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrjw | SW 8270C |
| 4-Bromophenyl phenyl ether | | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrjw | SW 8270C |
| 4-Chloroaniline | | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrjw | SW 8270C |
| 2-Chloronaphthalene | | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrjw | SW 8270C |
| Chrysene | | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrjw | SW 8270C |
| Dibenzo(a,h)anthracene | | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrjw | SW 8270C |
| Dibenzofuran | | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrjw | SW 8270C |
| 1,2-Dichlorobenzene | | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrjw | SW 8270C |
| 1,3-Dichlorobenzene | | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrjw | SW 8270C |
| 1,4-Dichlorobenzene | | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrjw | SW 8270C |
| 3,3'-Dichlorobenzidine | | <50 | | ug/L | 08/29/2001 | 1260 | 2672 | <50 | jrjw | SW 8270C |
| Diethyl phthalate | | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrjw | SW 8270C |
| Dimethyl phthalate | | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrjw | SW 8270C |
| 2,4-Dinitrotoluene | | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrjw | SW 8270C |
| 2,6-Dinitrotoluene | | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrjw | SW 8270C |
| Di-n-octylphthalate | | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrjw | SW 8270C |
| Fluoranthene | | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrjw | SW 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/18/2001

Job Number: 01.15323

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 701890 | SBI002:FB1:W082201:428 | | | | | | | | | | 08/22/2001 17:00 |
| | Fluorene | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrw | SW 8270C | |
| | Hexachlorobenzene | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrw | SW 8270C | |
| | Hexachloro-1,3-butadiene | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrw | SW 8270C | |
| | Hexachlorocyclopentadiene | <20 | | ug/L | 08/29/2001 | 1260 | 2672 | <20 | jrw | SW 8270C | |
| | Hexachloroethane | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrw | SW 8270C | |
| | Indeno(1,2,3-cd)pyrene | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrw | SW 8270C | |
| | Isophorone | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrw | SW 8270C | |
| | Naphthalene | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrw | SW 8270C | |
| | Nitrobenzene | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrw | SW 8270C | |
| | N-Nitrosodi-n-propylamine | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrw | SW 8270C | |
| | Phenanthrene | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrw | SW 8270C | |
| | Pyrene | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrw | SW 8270C | |
| | 1,2,4-Trichlorobenzene | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrw | SW 8270C | |
| | Surrogate: d5-Nitrobenzene | 75 | | % | 08/29/2001 | 1260 | 2672 | | jrw | SW 8270C | |
| | Surrogate: 2-Fluorobiphenyl | 84 | | % | 08/29/2001 | 1260 | 2672 | | jrw | SW 8270C | |
| | Surrogate: d14-Terphenyl | 103 | | % | 08/29/2001 | 1260 | 2672 | | jrw | SW 8270C | |
| | ACID COMPOUNDS (AQ) 8270 | | | | | | | | | | |
| | Benzoic acid | <50 | | ug/L | 08/29/2001 | 1260 | 2672 | <50 | jrw | SW 8270C | |
| | 4-Chloro-3-methylphenol | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrw | SW 8270C | |
| | 2-Chlorophenol | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrw | SW 8270C | |
| | 2,4-Dichlorophenol | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrw | SW 8270C | |
| | 2,4-Dimethylphenol | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrw | SW 8270C | |
| | 2-Methyl-4,6-dinitrophenol | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrw | SW 8270C | |
| | 2-Methylphenol | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrw | SW 8270C | |
| | meta & para-Methylphenol | <10 | | ug/L | 08/29/2001 | 1260 | 2672 | <10 | jrw | SW 8270C | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/18/2001

Job Number: 01.15323

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|--------------------------------|------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|-----------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 701891 | SBI002:TB1:W082201:428 | | | | | | | | | | 08/22/2001 |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | | |
| 8260 - SW846 (AQ) | Complete | | | | 08/27/2001 | | 3525 | Complete | mrh | | |
| Acetone | <20.0 | ug/L | | | 08/27/2001 | | 3525 | <20.0 | mrh | SW 8260A | |
| Benzene | <1.0 | ug/L | | | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| tert-Butylbenzene | <1.0 | ug/L | | | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| sec-Butylbenzene | <1.0 | ug/L | | | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| n-Butylbenzene | <1.0 | ug/L | | | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| Bromochloromethane | <1.0 | ug/L | | | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| Bromodichloromethane | <1.0 | ug/L | | | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| Bromoform | <1.0 | ug/L | | | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| Bromobenzene | <1.0 | ug/L | | | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| 2-Butanone (MEK) | <12.5 | ug/L | | | 08/27/2001 | | 3525 | <12.5 | mrh | SW 8260A | |
| Carbon disulfide | <1.0 | ug/L | | | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| Carbon tetrachloride | <1.0 | ug/L | | | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| Chlorobenzene | <1.0 | ug/L | | | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| Chloroethane | <5.0 | ug/L | | | 08/27/2001 | | 3525 | <5.0 | mrh | SW 8260A | |
| 2-Chlorotoluene | <1.0 | ug/L | | | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| 4-Chlorotoluene | <1.0 | ug/L | | | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| Chloroform | <1.0 | ug/L | | | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| Chloromethane | <5.0 | ug/L | | | 08/27/2001 | | 3525 | <5.0 | mrh | SW 8260A | |
| Dibromochloromethane | <1.0 | ug/L | | | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| Dibromomethane | <1.0 | ug/L | | | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| Dichlorodifluoromethane | <1.0 | ug/L | | | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| 1,2-Dibromo-3-chloropropane | <5.0 | ug/L | | | 08/27/2001 | | 3525 | <5.0 | mrh | SW 8260A | |
| 1,2-Dichlorobenzene | <1.0 | ug/L | | | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |
| 1,3-Dichlorobenzene | <1.0 | ug/L | | | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/18/2001

Job Number: 01.15323

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|-----------------------------|------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|-----------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 701891 | SBI002:TB1:W082201:428 | | | | | | | | | | 08/22/2001 |
| 1,4-Dichlorobenzene | | <1.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <1.0 | mrh | SW 8260A | |
| 1,1-Dichloroethane | | <1.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <1.0 | mrh | SW 8260A | |
| 1,2-Dichloroethane | | <1.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <1.0 | mrh | SW 8260A | |
| 1,1-Dichloroethene | | <1.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <1.0 | mrh | SW 8260A | |
| cis-1,2-Dichloroethene | | <1.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <1.0 | mrh | SW 8260A | |
| trans-1,2-Dichloroethene | | <1.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <1.0 | mrh | SW 8260A | |
| 1,2-Dichloropropane | | <1.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <1.0 | mrh | SW 8260A | |
| 1,3-Dichloropropane | | <1.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <1.0 | mrh | SW 8260A | |
| 2,2-Dichloropropane | | <1.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <1.0 | mrh | SW 8260A | |
| 1,1-Dichloropropene | | <1.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <1.0 | mrh | SW 8260A | |
| cis-1,3-Dichloropropene | | <1.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <1.0 | mrh | SW 8260A | |
| trans-1,3-Dichloropropene | | <1.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <1.0 | mrh | SW 8260A | |
| Ethylbenzene | | <1.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <1.0 | mrh | SW 8260A | |
| Hexachlorobutadiene | | <5.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <5.0 | mrh | SW 8260A | |
| n-Hexane | | <5.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <5.0 | mrh | SW 8260A | |
| 2-Hexanone | | <12.5 | | ug/L | 08/27/2001 | 3525 | 3525 | <12.5 | mrh | SW 8260A | |
| Isopropylbenzene (Cumene) | | <1.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <1.0 | mrh | SW 8260A | |
| p-Isopropyltoluene | | <1.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <1.0 | mrh | SW 8260A | |
| Bromomethane | | <5.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <5.0 | mrh | SW 8260A | |
| Methylene Chloride | | <5.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <5.0 | mrh | SW 8260A | |
| Methyl t-butyl ether (MTBE) | | <5.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <5.0 | mrh | SW 8260A | |
| 4-Methyl-2-pentanone (MIBK) | | <12.5 | | ug/L | 08/27/2001 | 3525 | 3525 | <12.5 | mrh | SW 8260A | |
| n-Propylbenzene | | <1.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <1.0 | mrh | SW 8260A | |
| Styrene | | <1.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <1.0 | mrh | SW 8260A | |
| Naphthalene | | <5.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <5.0 | mrh | SW 8260A | |
| 1,1,1,2-Tetrachloroethane | | <1.0 | | ug/L | 08/27/2001 | 3525 | 3525 | <1.0 | mrh | SW 8260A | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/18/2001

Job Number: 01.15323

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------------------------|------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 701891 | SBI002:TB1:W082201:428 | | | | | | | | | DATE/TIME TAKEN 08/22/2001 |
| 1,1,2,2-Tetrachloroethane | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A |
| Tetrachloroethene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A |
| Toluene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A |
| 1,2,4-Trichlorobenzene | | <5.0 | | ug/L | 08/27/2001 | | 3525 | <5.0 | mrh | SW 8260A |
| 1,1,1-Trichloroethane | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A |
| 1,1,2-Trichloroethane | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A |
| Trichloroethene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A |
| Trichlorofluoromethane | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A |
| 1,2,3-Trichloropropane | | <5.0 | | ug/L | 08/27/2001 | | 3525 | <5.0 | mrh | SW 8260A |
| 1,2,4-Trimethylbenzene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A |
| Vinyl Acetate | | <5.0 | | ug/L | 08/27/2001 | | 3525 | <5.0 | mrh | SW 8260A |
| Vinyl Chloride | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A |
| Xylenes | | <1.0 | | ug/L | 08/27/2001 | | 3525 | <1.0 | mrh | SW 8260A |
| d4-1,2-Dichloroethane (surr) | | 102 | | % | 08/27/2001 | | 3525 | | mrh | SW 8260A |
| Dibromofluoromethane (surr) | | 101 | | % | 08/27/2001 | | 3525 | | mrh | SW 8260A |
| d8-Toluene (surr) | | 99 | | % | 08/27/2001 | | 3525 | | mrh | SW 8260A |
| Bromofluorobenzene (surr) | | 102 | | % | 08/27/2001 | | 3525 | | mrh | SW 8260A |

QUALITY CONTROL FLAG DEFINITIONS

Job Number: 01.15323

(*) Indicates an out-of-control QC. The analytical data was reported based on other supporting quality control information.

(Note) Indicates to review the notes and comments section of the analytical report as there is additional information concerning this analytical result.

(MS) Indicates that the Matrix Spike (MS) was out of statistical advisory limits.

(MSD) Indicates that the Matrix Spike Duplicate (MSD) was out of statistical advisory limits.

(RPD) Indicates that the Relative Percent Difference (RPD) for the MS/MSD pair was outside of statistical advisory limits.

(SS) Indicates that the MS and MSD were out of statistical advisory limits.

(SSR) Indicates that the MS, MSD and RPD were out of statistical advisory limits.

(MSR) Indicates that the MS and RPD were out of statistical advisory limits.

(MSDR) Indicates that the MSD and RPD were out of statistical advisory limits.

(DL) Indicates that the MS and MSD were diluted out and the percent recoveries of the spikes could not be calculated.

(LS) Indicates that statistical accuracy and precision data is not available for spike concentrations which are $< 1/4$ of the sample amount. Care should be used in interpreting this data.

(J) Indicates estimated concentration due to internal standard areas or surrogate recoveries outside of control limits. A sample matrix effect is usually indicated.

(DW) Indicates Dry Weight.

Analytical Reporting Limits

The reporting limits listed for non-aqueous samples in the analytical report section are Practical Quantitation Limits (PQLs). These PQLs are based upon a typical standard weight used for a non-aqueous sample. The reporting limit for a sample may be different from the PQL listed depending upon the actual weight of sample used, the samples moisture content and any dilutions used during the analysis.

NOTES AND COMMENTS

TestAmerica Job Number: 1.15323

Sample Number: 701886

Analysis: 8260 soil

Due to matrix interference, recovery of surrogate Bromofluorobenzene exceeded the recommended 74-121 % range. Results were confirmed with replicate analysis.

1.15323

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CHAIN OF CUSTODY RECORD

NO. 5435

Hull & Associates, Inc.

Dublin
 6130 Wilcox Road
 Dublin, OH 43016
 Phone: (614)385-8777
 Fax: (614)385-9070

Toledo
 3401 Glendale Avenue
 SUITE 300
 Toledo, Ohio 43614
 Phone: (419)385-2018
 Fax: (419)385-5489

Mason
 4700 Duke Drive, Suite 172
 Mason, Ohio 45040
 Phone: (513)459-9677
 Fax: (513)459-9869

Warrensville Heights
 4949 Galaxy Parkway, Suite S
 Warrensville Heights, Ohio 44128
 Phone: (216)514-7100
 Fax: (216)514-7104

REPORT TO: KEVIN WILDMAN

Client: SUELY BEUP
 Site: ARELA
 Project#: SB1002 Phase: 01.13.15
 Samplers: RTM, TP

| PROJECT NO. | SAMPLE LOCATION | SAMPLE TYPE | SAMPLER ID | NO. OF CONT. | METALS | SAMPLING DATE/TIME | COMMENTS | PRESERVATIVES | | ANALYSES | |
|-------------|-----------------|-------------|------------|--------------|--------|--------------------|----------|---------------|---|----------|---|
| | | | | | | | | A | B | A | B |
| SB1002 | HWY190: S080095 | : | 428 | 2 | - | 8-22-11 0730 | X | | | | |
| SB1002 | HWY190: S120130 | : | 428 | 2 | - | 8-22-11 0740 | X | | | | |
| SB1002 | FBI: W082201 | : | 428 | 7 | - | 8-22-11 0700 | X | | | X | X |
| SB1002 | TBI: W082201 | : | 428 | 3 | - | 8-22-11 0700 | X | | | | |
| : | : | : | : | : | : | | | | | | |
| : | : | : | : | : | : | | | | | | |
| : | : | : | : | : | : | | | | | | |
| : | : | : | : | : | : | | | | | | |
| : | : | : | : | : | : | | | | | | |
| : | : | : | : | : | : | | | | | | |
| : | : | : | : | : | : | | | | | | |
| : | : | : | : | : | : | | | | | | |
| : | : | : | : | : | : | | | | | | |

*VOL 2 ARELA METALS
TPH DRO
TPHER
510.0*

RELINQUISHED BY: AF 7/21 DATE: 8-22-11 TIME: 18-00-180

RECEIVED BY: FAD Ex DATE: 8-22-11 TIME: 18-00-180

RELINQUISHED BY: _____ DATE: _____ TIME: _____

RECEIVED BY: _____ DATE: _____ TIME: _____

RELINQUISHED BY: _____ DATE: _____ TIME: _____

RECEIVED BY: _____ DATE: _____ TIME: _____

COOLER TEMPERATURE AS RECEIVED °C: 4.0

Deliver To: TEST AMERICA

Method of Delivery: FAD Ex

Airbill Number: 826265967981

NOTES: CHECK TEMP FROM TRIP
BLANK

TURN AROUND TIME: 5 DAYS

1000_30016A.DWG 07/26/98 KMAC



Hull & Associates, Inc.

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

NO. 5349

Dublin
6130 Wilcox Road
Dublin, Ohio 43016
Phone: (614)385-8777
FAX: (614)385-9070

Toledo
3401 Glendale Avenue
SUITE 300
Toledo, Ohio 43614
Phone: (419)385-2018
FAX: (419)385-5499

Mason
4700 Duke Drive, Suite 172
Mason, Ohio 45040
Phone: (513)459-9677
FAX: (513)459-9669

Warrensville Heights
4949 Galaxy Parkway, Suite S
Warrensville Heights, Ohio 44128
Phone: (216)514-7100
FAX: (216)514-7104

REPORT TO: KEVIN WILDMAN

Client: SOUTH BEACH
Site: AREA A
Project#: 5B1002 Phase: 01.15T
Samplers: James Patricia Hogen

| PROJECT NO. | SAMPLE LOCATION | SAMPLE TYPE | SAMPLER ID | NO. OF CONT. | METALS | SAMPLING DATE/TIME | COMMENTS |
|-------------|-----------------|-------------|------------|--------------|--------|--------------------|-------------------------|
| 5B1002 | MW1002 | SO10020 | 480 | 4 | N/A | 8-22-01 15:25 | X TPH ORG TPH TIC |
| 5B1002 | MW1002 | SO10055 | 480 | 4 | N/A | 8-22-01 15:45 | X TPH ORG TPH TIC |
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AIR
 ASBESTOS
 SEDIMENT
 GROUNDWATER
 P
 W
 Z
 OTHERS
 All samples are kept at 4°C.

A - Coal only, <4
 B - HNO₃ pH<2
 C - H₂SO₄ pH<2
 D - NaOH pH>12
 E - Zn/acetic + NaOH, pH>9
 F - Na₂S₂O₃ (0.008%)
 G - HCl pH<2

METALS
 F - FILTERED
 B - BOTH

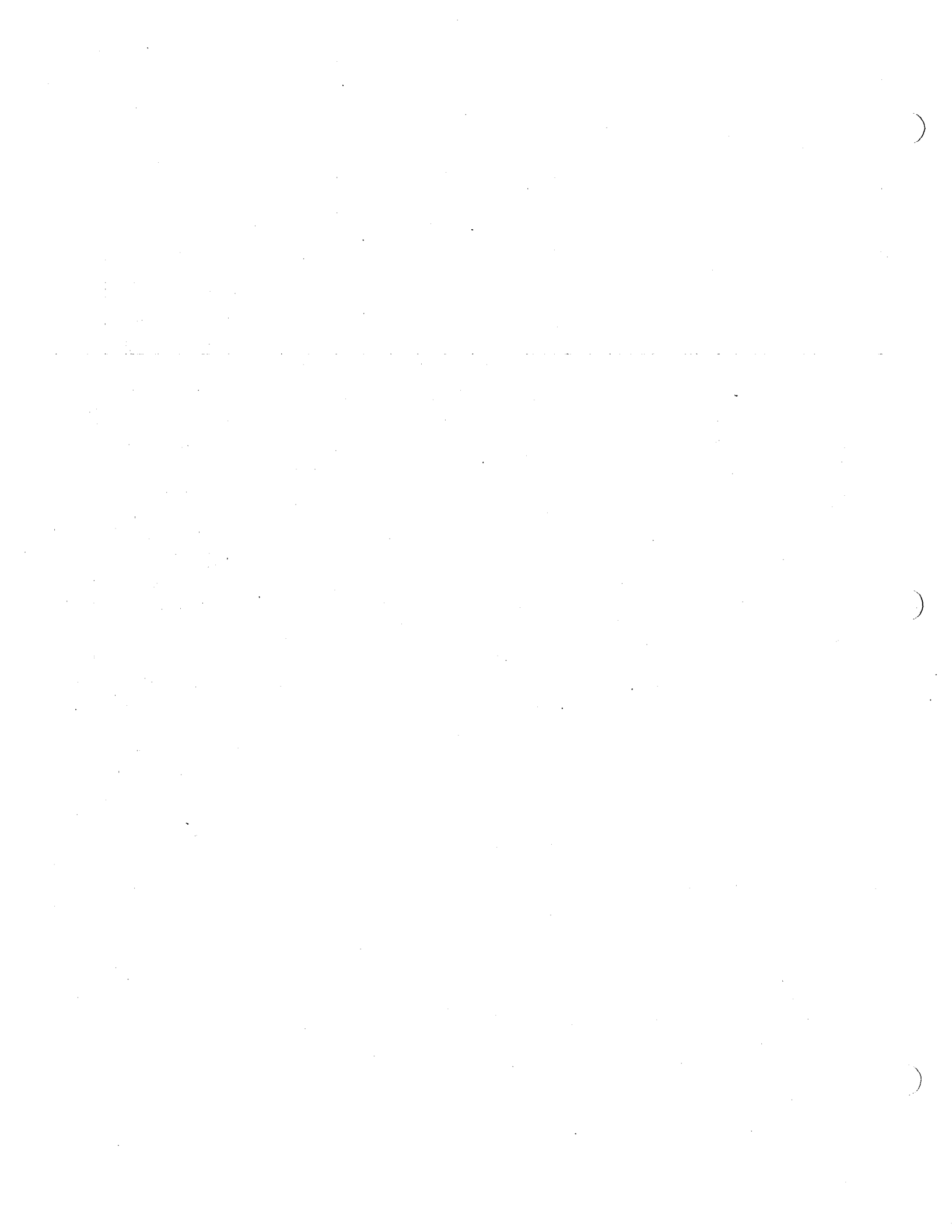
REINQUISHED BY: [Signature] DATE: 8-22-01
 REINQUISHED BY: [Signature] TIME: 18:00 DATE: 8-22-01
 REINQUISHED BY: [Signature] TIME: 18:00 DATE: 8-22-01

RECEIVED BY: [Signature] DATE: 8-22-01
 RECEIVED BY: [Signature] TIME: 18:00 DATE: 8-22-01

RECEIVED FOR LAB USE: [Signature] DATE: 8-22-01
 DISTRIBUTION: [Signature]

COOLER TEMPERATURE AS RECEIVED °C: 4.0

Deliver To: Test America
 Method of Delivery: Fed Ex
 Airbill Number: 826265967781
 NOTES: Cheek temp from trip Blank
 TURN AROUND TIME: 5T DAYS



SBI002

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

09/24/2001

Job Number: 01.15744

Enclosed is the analytical report for the following samples submitted to the Dayton Division of TestAmerica, Inc. for analysis:

| <u>Sample Number</u> | <u>Sample Description</u> | <u>Date Taken</u> | <u>Date Received</u> |
|----------------------|---------------------------|-------------------|----------------------|
| 703269 | SBI002:MW17D:S005020:428 | 08/27/2001 | 08/30/2001 |
| 703270 | SBI002:TB-1:W082901:428 | 08/27/2001 | 08/30/2001 |

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Reproduction of this analytical report is permitted only in its entirety.

Enclosure


Approved By

TestAmerica, Incorporated

PAGE 2 of 9

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/24/2001

Job Number: 01.15744

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|--------------------------------|---------------------------|----------|------|----------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | |
| 703269 | SBI002:MW17D:S005020:428 | | | | | | | | | | 08/27/2001 10:00 |
| | Dry Weight | 95.2 | | % | 09/05/2001 | | 1491 | | mhg | SM 2540 G. | |
| | ICP NONAQUEOUS | Complete | | | 09/22/2001 | | 1280 | Complete | emd | SW 6010B | |
| | Arsenic, ICP | <3.4 | | mg/kg dw | 09/22/2001 | 916 | 3023 | <3.4 | emd | SW 6010B | |
| | Barium, ICP | 22.1 | | mg/kg dw | 09/22/2001 | 916 | 2954 | <0.67 | emd | SW 6010B | |
| | Cadmium, ICP | <1.0 | | mg/kg dw | 09/22/2001 | 916 | 2936 | <1.0 | emd | SW 6010B | |
| | Chromium, ICP | 4.7 | | mg/kg dw | 09/22/2001 | 916 | 2924 | <1.4 | emd | SW 6010B | |
| | Lead, ICP | 13.4 | | mg/kg dw | 09/22/2001 | 916 | 2925 | <2.7 | emd | SW 6010B | |
| | Mercury, CVAA | 0.038 | | mg/kg dw | 09/10/2001 | 625 | 642 | <0.008 | epk | SW 7471A | |
| | Selenium, ICP | <3.4 | | mg/kg dw | 09/22/2001 | 916 | 3003 | <3.4 | emd | SW 6010B | |
| | Silver, ICP | <1.4 | | mg/kg dw | 09/22/2001 | 916 | 2956 | <1.4 | emd | SW 6010B | |
| | ICP Digestion, Nonaqueous | Complete | | | 09/06/2001 | 916 | | Complete | clm | SW 3050B | |
| | Mercury Digestion, Non-Aq | Complete | | | 09/07/2001 | 625 | | Complete | clm | SW 7471A | |
| VOLATILE COMPOUNDS-8260 Non-Aq | | | | | | | | | | | |
| | 8260 - SW846 (Non-aq) | Complete | | | 09/01/2001 | | 1494 | Complete | jxc | | |
| | Acetone | <105 | | ug/kg dw | 09/01/2001 | | 1494 | <105 | jxc | SW 8260A | |
| | Benzene | <5.3 | | ug/kg dw | 09/01/2001 | | 1494 | <5.3 | jxc | SW 8260A | |
| | tert-Butylbenzene | <5.3 | | ug/kg dw | 09/01/2001 | | 1494 | <5.3 | jxc | SW 8260A | |
| | sec-Butylbenzene | <5.3 | | ug/kg dw | 09/01/2001 | | 1494 | <5.3 | jxc | SW 8260A | |
| | n-Butylbenzene | <5.3 | | ug/kg dw | 09/01/2001 | | 1494 | <5.3 | jxc | SW 8260A | |
| | Bromochloromethane | <5.3 | | ug/kg dw | 09/01/2001 | | 1494 | <5.3 | jxc | SW 8260A | |
| | Bromodichloromethane | <5.3 | | ug/kg dw | 09/01/2001 | | 1494 | <5.3 | jxc | SW 8260A | |
| | Bromoform | <5.3 | | ug/kg dw | 09/01/2001 | | 1494 | <5.3 | jxc | SW 8260A | |
| | Bromobenzene | <5.3 | | ug/kg dw | 09/01/2001 | | 1494 | <5.3 | jxc | SW 8260A | |
| | 2-Butanone (MEK) | <53 | | ug/kg dw | 09/01/2001 | | 1494 | <53 | jxc | SW 8260A | |
| | Carbon disulfide | <5.3 | | ug/kg dw | 09/01/2001 | | 1494 | <5.3 | jxc | SW 8260A | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/24/2001

Job Number: 01.15744

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|----------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 703269 | SBI002:MW17D:S005020:428 | | | | | | | | | DATE/TIME TAKEN 08/27/2001 10:00 |
| | Carbon tetrachloride | <5.3 | | ug/kg dw | 09/01/2001 | | 1494 | <5.3 | jxc | SW 8260A |
| | Chlorobenzene | <5.3 | | ug/kg dw | 09/01/2001 | | 1494 | <5.3 | jxc | SW 8260A |
| | Chloroethane | <10.5 | | ug/kg dw | 09/01/2001 | | 1494 | <10.5 | jxc | SW 8260A |
| | 2-Chlorotoluene | <5.3 | | ug/kg dw | 09/01/2001 | | 1494 | <5.3 | jxc | SW 8260A |
| | 4-Chlorotoluene | <5.3 | | ug/kg dw | 09/01/2001 | | 1494 | <5.3 | jxc | SW 8260A |
| | Chloroform | <5.3 | | ug/kg dw | 09/01/2001 | | 1494 | <5.3 | jxc | SW 8260A |
| | Chloromethane | <10.5 | | ug/kg dw | 09/01/2001 | | 1494 | <10.5 | jxc | SW 8260A |
| | Dibromochloromethane | <5.3 | | ug/kg dw | 09/01/2001 | | 1494 | <5.3 | jxc | SW 8260A |
| | Dibromomethane | <5.3 | | ug/kg dw | 09/01/2001 | | 1494 | <5.3 | jxc | SW 8260A |
| | Dichlorodifluoromethane | <5.3 | | ug/kg dw | 09/01/2001 | | 1494 | <5.3 | jxc | SW 8260A |
| | 1,2-Dibromo-3-chloropropane | <5.3 | | ug/kg dw | 09/01/2001 | | 1494 | <5.3 | jxc | SW 8260A |
| | 1,2-Dichlorobenzene | <5.3 | | ug/kg dw | 09/01/2001 | | 1494 | <5.3 | jxc | SW 8260A |
| | 1,3-Dichlorobenzene | <5.3 | | ug/kg dw | 09/01/2001 | | 1494 | <5.3 | jxc | SW 8260A |
| | 1,4-Dichlorobenzene | <5.3 | | ug/kg dw | 09/01/2001 | | 1494 | <5.3 | jxc | SW 8260A |
| | 1,1-Dichloroethane | <5.3 | | ug/kg dw | 09/01/2001 | | 1494 | <5.3 | jxc | SW 8260A |
| | 1,2-Dichloroethane | <5.3 | | ug/kg dw | 09/01/2001 | | 1494 | <5.3 | jxc | SW 8260A |
| | 1,1-Dichloroethene | <5.3 | | ug/kg dw | 09/01/2001 | | 1494 | <5.3 | jxc | SW 8260A |
| | cis-1,2-Dichloroethene | <5.3 | | ug/kg dw | 09/01/2001 | | 1494 | <5.3 | jxc | SW 8260A |
| | trans-1,2-Dichloroethene | <5.3 | | ug/kg dw | 09/01/2001 | | 1494 | <5.3 | jxc | SW 8260A |
| | 1,2-Dichloropropane | <5.3 | | ug/kg dw | 09/01/2001 | | 1494 | <5.3 | jxc | SW 8260A |
| | 1,3-Dichloropropane | <5.3 | | ug/kg dw | 09/01/2001 | | 1494 | <5.3 | jxc | SW 8260A |
| | 2,2-Dichloropropane | <5.3 | | ug/kg dw | 09/01/2001 | | 1494 | <5.3 | jxc | SW 8260A |
| | 1,1-Dichloropropene | <5.3 | | ug/kg dw | 09/01/2001 | | 1494 | <5.3 | jxc | SW 8260A |
| | cis-1,3-Dichloropropene | <5.3 | | ug/kg dw | 09/01/2001 | | 1494 | <5.3 | jxc | SW 8260A |
| | trans-1,3-Dichloropropene | <5.3 | | ug/kg dw | 09/01/2001 | | 1494 | <5.3 | jxc | SW 8260A |
| | Ethylbenzene | <5.3 | | ug/kg dw | 09/01/2001 | | 1494 | <5.3 | jxc | SW 8260A |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

09/24/2001

Job Number: 01.15744

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|--------------------------|--------|------|------------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 703269 | SBI002:MW17D:S005020:428 | | | | | | | | | DATE/TIME TAKEN 08/27/2001 10:00 |
| Hexachlorobutadiene | <5.3 | ug/kg | dw | 09/01/2001 | 1494 | <5.3 | jxc | SW 8260A | | |
| n-Hexane | <21.0 | ug/kg | dw | 09/01/2001 | 1494 | <21.0 | jxc | SW 8260A | | |
| 2-Hexanone | <52.5 | ug/kg | dw | 09/01/2001 | 1494 | <52.5 | jxc | SW 8260A | | |
| Isopropylbenzene (Cumene) | <5.3 | ug/kg | dw | 09/01/2001 | 1494 | <5.3 | jxc | SW 8260A | | |
| p-Isopropyltoluene | <5.3 | ug/kg | dw | 09/01/2001 | 1494 | <5.3 | jxc | SW 8260A | | |
| Bromomethane | <10.5 | ug/kg | dw | 09/01/2001 | 1494 | <10.5 | jxc | SW 8260A | | |
| Methylene Chloride | <10.5 | ug/kg | dw | 09/01/2001 | 1494 | <10.5 | jxc | SW 8260A | | |
| Methyl t-butyl ether (MTBE) | <5.3 | ug/kg | dw | 09/01/2001 | 1494 | <5.3 | jxc | SW 8260A | | |
| 4-Methyl-2-pentanone (MIBK) | <52.5 | ug/kg | dw | 09/01/2001 | 1494 | <52.5 | jxc | SW 8260A | | |
| n-Propylbenzene | <5.3 | ug/kg | dw | 09/01/2001 | 1494 | <5.3 | jxc | SW 8260A | | |
| Styrene | <5.3 | ug/kg | dw | 09/01/2001 | 1494 | <5.3 | jxc | SW 8260A | | |
| Naphthalene | <10.5 | ug/kg | dw | 09/01/2001 | 1494 | <5.3 | jxc | SW 8260A | | |
| 1,1,1,2-Tetrachloroethane | <5.3 | ug/kg | dw | 09/01/2001 | 1494 | <5.3 | jxc | SW 8260A | | |
| 1,1,2,2-Tetrachloroethane | <5.3 | ug/kg | dw | 09/01/2001 | 1494 | <5.3 | jxc | SW 8260A | | |
| Tetrachloroethene | <5.3 | ug/kg | dw | 09/01/2001 | 1494 | <5.3 | jxc | SW 8260A | | |
| Toluene | <5.3 | ug/kg | dw | 09/01/2001 | 1494 | <5.3 | jxc | SW 8260A | | |
| 1,2,4-Trichlorobenzene | <5.3 | ug/kg | dw | 09/01/2001 | 1494 | <5.3 | jxc | SW 8260A | | |
| 1,1,1-Trichloroethane | 10 | ug/kg | dw | 09/01/2001 | 1494 | <5.3 | jxc | SW 8260A | | |
| 1,1,2-Trichloroethane | <5.3 | ug/kg | dw | 09/01/2001 | 1494 | <5.3 | jxc | SW 8260A | | |
| Trichloroethene | <5.3 | ug/kg | dw | 09/01/2001 | 1494 | <5.3 | jxc | SW 8260A | | |
| Trichlorofluoromethane | <5.3 | ug/kg | dw | 09/01/2001 | 1494 | <5.3 | jxc | SW 8260A | | |
| 1,2,3-Trichloropropane | <5.3 | ug/kg | dw | 09/01/2001 | 1494 | <5.3 | jxc | SW 8260A | | |
| 1,2,4-Trimethylbenzene | <5.3 | ug/kg | dw | 09/01/2001 | 1494 | <5.3 | jxc | SW 8260A | | |
| 1,3,5-Trimethylbenzene | <5.3 | ug/kg | dw | 09/01/2001 | 1494 | <5.3 | jxc | SW 8260A | | |
| Vinyl Acetate | <5.3 | ug/kg | dw | 09/01/2001 | 1494 | <5.3 | jxc | SW 8260A | | |
| Vinyl Chloride | <2.1 | ug/kg | dw | 09/01/2001 | 1494 | <2.1 | jxc | SW 8260A | | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/24/2001

Job Number: 01.15744

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 703270 | SBI002:TB-1:W082901:428 | | | | | | | | | |
| | | | | | | | | | | DATE/TIME TAKEN |
| | | | | | | | | | | 08/27/2001 |

VOLATILE COMPOUNDS - 8260 (AQ)

| Sample | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|----------|------|-------|---------------|-------------------|------------------|-----------------|------------------|------------------|
| 8260 - SW846 (AQ) | Complete | | | 09/06/2001 | | 3548 | Complete | mrh | |
| Acetone | <20.0 | | ug/L | 09/06/2001 | | 3548 | <20.0 | mrh | SW 8260A |
| Benzene | <1.0 | | ug/L | 09/06/2001 | | 3548 | <1.0 | mrh | SW 8260A |
| tert-Butylbenzene | <1.0 | | ug/L | 09/06/2001 | | 3548 | <1.0 | mrh | SW 8260A |
| sec-Butylbenzene | <1.0 | | ug/L | 09/06/2001 | | 3548 | <1.0 | mrh | SW 8260A |
| n-Butylbenzene | <1.0 | | ug/L | 09/06/2001 | | 3548 | <1.0 | mrh | SW 8260A |
| Bromochloromethane | <1.0 | | ug/L | 09/06/2001 | | 3548 | <1.0 | mrh | SW 8260A |
| Bromodichloromethane | <1.0 | | ug/L | 09/06/2001 | | 3548 | <1.0 | mrh | SW 8260A |
| Bromoform | <1.0 | | ug/L | 09/06/2001 | | 3548 | <1.0 | mrh | SW 8260A |
| Bromobenzene | <1.0 | | ug/L | 09/06/2001 | | 3548 | <1.0 | mrh | SW 8260A |
| 2-Butanone (MEK) | <12.5 | | ug/L | 09/06/2001 | | 3548 | <12.5 | mrh | SW 8260A |
| Carbon disulfide | <1.0 | | ug/L | 09/06/2001 | | 3548 | <1.0 | mrh | SW 8260A |
| Carbon tetrachloride | <1.0 | | ug/L | 09/06/2001 | | 3548 | <1.0 | mrh | SW 8260A |
| Chlorobenzene | <1.0 | | ug/L | 09/06/2001 | | 3548 | <1.0 | mrh | SW 8260A |
| Chloroethane | <5.0 | | ug/L | 09/06/2001 | | 3548 | <5.0 | mrh | SW 8260A |
| 2-Chlorotoluene | <1.0 | | ug/L | 09/06/2001 | | 3548 | <1.0 | mrh | SW 8260A |
| 4-Chlorotoluene | <1.0 | | ug/L | 09/06/2001 | | 3548 | <1.0 | mrh | SW 8260A |
| Chloroform | <1.0 | | ug/L | 09/06/2001 | | 3548 | <1.0 | mrh | SW 8260A |
| Chloromethane | <5.0 | | ug/L | 09/06/2001 | | 3548 | <5.0 | mrh | SW 8260A |
| Dibromochloromethane | <1.0 | | ug/L | 09/06/2001 | | 3548 | <1.0 | mrh | SW 8260A |
| Dibromomethane | <1.0 | | ug/L | 09/06/2001 | | 3548 | <1.0 | mrh | SW 8260A |
| Dichlorodifluoromethane | <1.0 | | ug/L | 09/06/2001 | | 3548 | <1.0 | mrh | SW 8260A |
| 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/06/2001 | | 3548 | <5.0 | mrh | SW 8260A |
| 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/06/2001 | | 3548 | <1.0 | mrh | SW 8260A |
| 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/06/2001 | | 3548 | <1.0 | mrh | SW 8260A |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

09/24/2001

Job Number: 01.15744

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|------------|-------|-------|-----------|---------|-------------------------------|
| | | | | | Analyzed | Batch | Batch | | Limit | |
| 703270 | SBI002:TB-1:W082901:428 | | | | | | | | | DATE/TIME TAKEN 08/27/2001 |
| | 1,1-Dichlorobenzene | <1.0 | | ug/L | 09/06/2001 | | 3548 | <1.0 | mrh | SW 8260A |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/06/2001 | | 3548 | <1.0 | mrh | SW 8260A |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/06/2001 | | 3548 | <1.0 | mrh | SW 8260A |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/06/2001 | | 3548 | <1.0 | mrh | SW 8260A |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 09/06/2001 | | 3548 | <1.0 | mrh | SW 8260A |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/06/2001 | | 3548 | <1.0 | mrh | SW 8260A |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/06/2001 | | 3548 | <1.0 | mrh | SW 8260A |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/06/2001 | | 3548 | <1.0 | mrh | SW 8260A |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/06/2001 | | 3548 | <1.0 | mrh | SW 8260A |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/06/2001 | | 3548 | <1.0 | mrh | SW 8260A |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/06/2001 | | 3548 | <1.0 | mrh | SW 8260A |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/06/2001 | | 3548 | <1.0 | mrh | SW 8260A |
| | Ethylbenzene | <1.0 | | ug/L | 09/06/2001 | | 3548 | <1.0 | mrh | SW 8260A |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/06/2001 | | 3548 | <5.0 | mrh | SW 8260A |
| | n-Hexane | <5.0 | | ug/L | 09/06/2001 | | 3548 | <5.0 | mrh | SW 8260A |
| | 2-Hexanone | <12.5 | | ug/L | 09/06/2001 | | 3548 | <12.5 | mrh | SW 8260A |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/06/2001 | | 3548 | <1.0 | mrh | SW 8260A |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/06/2001 | | 3548 | <1.0 | mrh | SW 8260A |
| | Bromomethane | <5.0 | | ug/L | 09/06/2001 | | 3548 | <5.0 | mrh | SW 8260A |
| | Methylene Chloride | <5.0 | | ug/L | 09/06/2001 | | 3548 | <5.0 | mrh | SW 8260A |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/06/2001 | | 3548 | <5.0 | mrh | SW 8260A |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/06/2001 | | 3548 | <12.5 | mrh | SW 8260A |
| | n-Propylbenzene | <1.0 | | ug/L | 09/06/2001 | | 3548 | <1.0 | mrh | SW 8260A |
| | Styrene | <1.0 | | ug/L | 09/06/2001 | | 3548 | <1.0 | mrh | SW 8260A |
| | Naphthalene | <5.0 | | ug/L | 09/06/2001 | | 3548 | <5.0 | mrh | SW 8260A |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/06/2001 | | 3548 | <1.0 | mrh | SW 8260A |

QUALITY CONTROL FLAG DEFINITIONS PAGE 9 of 9

Job Number: 01.15744

(*) Indicates an out-of-control QC. The analytical data was reported based on other supporting quality control information.

(Note) Indicates to review the notes and comments section of the analytical report as there is additional information concerning this analytical result.

(MS) Indicates that the Matrix Spike (MS) was out of statistical advisory limits.

(MSD) Indicates that the Matrix Spike Duplicate (MSD) was out of statistical advisory limits.

(RPD) Indicates that the Relative Percent Difference (RPD) for the MS/MSD pair was outside of statistical advisory limits.

(SS) Indicates that the MS and MSD were out of statistical advisory limits.

(SSR) Indicates that the MS, MSD and RPD were out of statistical advisory limits.

(MSR) Indicates that the MS and RPD were out of statistical advisory limits.

(MSDR) Indicates that the MSD and RPD were out of statistical advisory limits.

(DL) Indicates that the MS and MSD were diluted out and the percent recoveries of the spikes could not be calculated.

(LS) Indicates that statistical accuracy and precision data is not available for spike concentrations which are $< 1/4$ of the sample amount. Care should be used in interpreting this data.

(J) Indicates estimated concentration due to internal standard areas or surrogate recoveries outside of control limits. A sample matrix effect is usually indicated.

(DW) Indicates Dry Weight.

Analytical Reporting Limits

The reporting limits listed for non-aqueous samples in the analytical report section are Practical Quantitation Limits (PQLs). These PQLs are based upon a typical standard weight used for a non-aqueous sample. The reporting limit for a sample may be different from the PQL listed depending upon the actual weight of sample used, the samples moisture content and any dilutions used during the analysis.

TestAmerica, Inc.
Dayton Division

EXCEEDENCE REPORT
09/24/2001 15:40

No permits specified for job 01.15419

1.15 744

NO. 5399

CHAIN OF CUSTODY RECORD



Hull & Associates, Inc.

Dublin
6150 Wilcox Road
Dublin, Ohio 43016
Phone: (614)385-8777
FAX: (614)385-9070

Toledo
3401 Glendole Avenue
SUITE 300
Toledo, Ohio 43614
Phone: (419)385-2018
FAX: (419)385-5489

Mason
4700 Duke Drive, Suite 172
Mason, Ohio 45040
Phone: (513)459-8677
FAX: (513)459-9669

Warsawville Heights
4949 Galaxy Parkway, Suite S
Warsawville Heights, Ohio 44128
Phone: (216)514-7100
FAX: (216)514-7104

REPORT TO: Kevin Wildman

Client: South A Bend

Site: Area A

Project#: SB1002 Phase: 01.TST

Samplers: Ray Minarovic

PRESERVATIVES

ANALYSES

SAMPLE TYPES: A - AIR, B - SOIL, C - SEDIMENT, D - SLURRY/WATER, E - PRODUCT, F - SOIL, G - WATER, H - OTHERS

PRESERVATIVES: A - Cool only, <4° C, B - HNO₃, pH<2, C - H₂SO₄, pH<2, D - NaOH, pH>12, E - Zn acetate + NaOH, pH>9, F - MgSO₄ (0.0085%), G - HCl, pH <2

MEALS: A - NOV/DEC, B - BOT/1-3

All samples are kept at 4° C.

VOL'S BEING METALS

| PROJECT NO. | SAMPLE LOCATION | SAMPLE TYPE | SAMPLER ID | NO. OF METALS CONT. | SAMPLING DATE/TIME | COMMENTS |
|-----------------------|-----------------|-------------|------------|---------------------|--------------------|----------|
| SB1002 MW10D: S005020 | | | 428 | 2 | 8-27-01 10:00 | X |
| SB1002 TB-1: W082901 | | | | 3 | | X |
| : : : : : | | | | | | |
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| : : : : : | | | | | | |
| : : : : : | | | | | | |

RELINQUISHED BY: Math Young for R. Niwood DATE: 8-29-01 TIME: 19-20

RECEIVED BY: Fed Ex DATE: - - - - TIME: - - - -

RELINQUISHED BY: DATE: - - - - TIME: - - - -

RECEIVED BY: P. Whitaker DATE: 8-30-01 TIME: 9-40

RELINQUISHED BY: DATE: - - - - TIME: - - - -

RECEIVED BY: DATE: - - - - TIME: - - - -

COOLER TEMPERATURE AS RECEIVED °C : 4.5

Deliver To: Rec. Test America

Method of Delivery: Fed Ex

Airbill Number: 826265967970

NOTES: check temp from TB-1

TURN AROUND TIME: STD DAYS

)

)

)

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Enclosed is the analytical report for the following samples submitted to the Dayton Division of TestAmerica, Inc. for analysis:

| <u>Sample Number</u> | <u>Sample Description</u> | <u>Date Taken</u> | <u>Date Received</u> |
|----------------------|---------------------------|-------------------|----------------------|
| 708596 | SBI002:HMW6D:G092001:523 | 09/20/2001 | 09/21/2001 |
| 708597 | SBI002:HMW4S:G092001:523 | 09/20/2001 | 09/21/2001 |
| 708598 | SBI002:HMW6S:G092001:523 | 09/20/2001 | 09/21/2001 |
| 708599 | SBI002:HMW3S:G092001:523 | 09/20/2001 | 09/21/2001 |
| 708600 | SBI002:MW14:G092001:523 | 09/20/2001 | 09/21/2001 |
| 708601 | SBI002:HMW24D:G092001:523 | 09/20/2001 | 09/21/2001 |
| 708602 | SBI002:HMW20S:G092001:503 | 09/20/2001 | 09/21/2001 |
| 708603 | SBI002:FB1:G092001:523 | 09/20/2001 | 09/21/2001 |
| 708604 | SBI002:FB2:G092001:523 | 09/20/2001 | 09/21/2001 |
| 708605 | SBI002:HMW5S:G092001:523 | 09/20/2001 | 09/21/2001 |
| 708606 | SBI002:SB1:G092001:523 | 09/20/2001 | 09/21/2001 |

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Reproduction of this analytical report is permitted only in its entirety.

Enclosure


 Approved By

TestAmerica, Incorporated

PAGE 2 of 56

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|--------------------------|--------|------|-------|------------|--------------|--------------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch Number | Batch Number | Limit | Initials | |
| 708596 | SBI002:HMW6D:G092001:523 | | | | | | | | | DATE/TIME TAKEN 09/20/2001 07:55 |
| ICPMS TOTAL METALS | Complete | | | | 10/03/2001 | | 2583 | Complete | kmb | SW 6020 |
| Arsenic, ICPMS | <0.0050 | | | mg/L | 10/03/2001 | 1851 | 3715 | <0.0050 | kmb | SW 6020 |
| Barium, ICPMS | 0.0390 | | | mg/L | 10/03/2001 | 1851 | 3923 | <0.0050 | kmb | SW 6020 |
| Cadmium, ICPMS | <0.0010 | | | mg/L | 10/03/2001 | 1851 | 3594 | <0.0010 | kmb | SW 6020 |
| Chromium, ICPMS (0.005) | <0.0050 | | | mg/L | 10/03/2001 | 1851 | 3992 | <0.0050 | kmb | SW 6020 |
| Lead, ICPMS | 0.0019 | | | mg/L | 10/03/2001 | 1851 | 3672 | <0.0010 | kmb | SW 6020 |
| Mercury, CVAA | <0.0002 | | | mg/L | 09/26/2001 | 1417 | 1363 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | <0.0050 | SS | | mg/L | 09/28/2001 | 754 | 579 | <0.0050 | lnh | SW 7740 |
| Silver, ICPMS | <0.0005 | | | mg/L | 10/03/2001 | 1851 | 3929 | <0.0005 | kmb | SW 6020 |
| Metals Digestion, ICPMS | Complete | | | | 09/27/2001 | 1851 | | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | Complete | | | | 09/26/2001 | 754 | | Complete | mrt | SW 3020A |
| Manual Mercury Digestion | Complete | | | | 09/25/2001 | 1417 | | Complete | epk | SW 7470A |
| Prep, Base Neutral | Complete | | | | 09/26/2001 | 1279 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, Acid Extractable | Complete | | | | 09/26/2001 | 1279 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | Complete | | | | 09/26/2001 | | 3608 | Complete | dmg | |
| Acetone | <20.0 | | | ug/L | 09/26/2001 | | 3608 | <20.0 | dmg | SW 8260B |
| Benzene | <1.0 | | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| tert-Butylbenzene | <1.0 | | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| sec-Butylbenzene | <1.0 | | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| n-Butylbenzene | <1.0 | | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Bromochloromethane | <1.0 | | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Bromodichloromethane | <1.0 | | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Bromoform | <1.0 | | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Bromobenzene | <1.0 | | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|--------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 708596 | SBI002:HMW6D:G092001:523 | | | | | | | | | DATE/TIME TAKEN 09/20/2001 07:55 |
| 2-Butanone (MEK) | | <12.5 | | ug/L | 09/26/2001 | | 3608 | <12.5 | dmg | SW 8260B |
| Carbon disulfide | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Carbon tetrachloride | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Chlorobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Chloroethane | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| 2-Chlorotoluene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 4-Chlorotoluene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Chloroform | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Chloromethane | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| Dibromochloromethane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Dibromomethane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Dichlorodifluoromethane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,2-Dibromo-3-chloropropane | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| 1,2-Dichlorobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,3-Dichlorobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,4-Dichlorobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,1-Dichloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,2-Dichloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,1-Dichloroethene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| cis-1,2-Dichloroethene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| trans-1,2-Dichloroethene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,2-Dichloropropane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,3-Dichloropropane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 2,2-Dichloropropane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,1-Dichloropropene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| cis-1,3-Dichloropropene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 708596 | SBI002:HMW6D:G092001:523 | | | | | | | | | DATE/TIME TAKEN 09/20/2001 07:55 |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/26/2001 | | 3608 | <12.5 | dmg | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/26/2001 | | 3608 | <12.5 | dmg | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Tetrachloroethene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Trichloroethene | 6.7 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------------------------|--------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 708596 | SBI002:HMW6D:G092001:523 | | | | | | | | | DATE/TIME TAKEN 09/20/2001 07:55 |
| Vinyl Acetate | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| Vinyl Chloride | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Xylenes | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| d4-1,2-Dichloroethane (surr) | | 110 | | % | 09/26/2001 | | 3608 | | dmg | SW 8260B |
| Dibromofluoromethane (surr) | | 105 | | % | 09/26/2001 | | 3608 | | dmg | SW 8260B |
| d8-Toluene (surr) | | 97 | | % | 09/26/2001 | | 3608 | | dmg | SW 8260B |
| Bromofluorobenzene (surr) | | 103 | | % | 09/26/2001 | | 3608 | | dmg | SW 8260B |
| BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | | |
| Acenaphthene | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Acenaphthylene | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Anthracene | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Benzo(a)anthracene | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Benzo(b)fluoranthene | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Benzo(k)fluoranthene | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Benzo(a)pyrene | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Benzyl alcohol | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Benzyl butyl phthalate | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| bis(2-Chloroethyl)ether | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| bis(2-Chloroethoxy)methane | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| bis(2-Ethylhexyl)phthalate | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 4-Bromophenyl phenyl ether | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 4-Chloroaniline | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2-Chloronaphthalene | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Chrysene | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |

TestAmerica, Incorporated

PAGE 6 of 56

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|----------------------------|--------|------|-------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | 09/20/2001 07:55 |
| | Dibenzo(a,h)anthracene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Dibenzofuran | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 1,2-Dichlorobenzene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 1,3-Dichlorobenzene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 1,4-Dichlorobenzene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 3,3'-Dichlorobenzidine | <50 | | ug/L | 09/29/2001 | 1279 | 2710 | <50 | jcs | SW 8270C | |
| | Diethyl phthalate | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Dimethyl phthalate | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 2,4-Dinitrotoluene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 2,6-Dinitrotoluene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Di-n-octylphthalate | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Fluoranthene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Fluorene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Hexachlorobenzene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Hexachloro-1,3-butadiene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Hexachlorocyclopentadiene | <20 | | ug/L | 09/29/2001 | 1279 | 2710 | <20 | jcs | SW 8270C | |
| | Hexachloroethane | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Indeno(1,2,3-cd)pyrene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Isophorone | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Naphthalene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Nitrobenzene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | N-Nitrosodi-n-propylamine | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Phenanthrene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Pyrene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 1,2,4-Trichlorobenzene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Surrogate: d5-Nitrobenzene | 89 | | % | 09/29/2001 | 1279 | 2710 | | jcs | SW 8270C | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Analyst | Limit | Initials | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-------------------|-------|----------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 708596 | SBI002:HMW6D:G092001:523 | | | | | | | | | | |
| | Surrogate: 2-Fluorobiphenyl | 87 | | % | 09/29/2001 | 1279 | 2710 | jcs | | | SW 8270C |
| | Surrogate: d14-Terphenyl | 54 | | % | 09/29/2001 | 1279 | 2710 | jcs | | | SW 8270C |
| | ACID COMPOUNDS (AQ) 8270 | | | | | | | | | | |
| | Benzoic acid | <52 | | ug/L | 09/29/2001 | 1279 | 2710 | <52 | jcs | | SW 8270C |
| | 4-Chloro-3-methylphenol | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | | SW 8270C |
| | 2-Chlorophenol | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | | SW 8270C |
| | 2,4-Dichlorophenol | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | | SW 8270C |
| | 2,4-Dimethylphenol | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | | SW 8270C |
| | 2-Methyl-4,6-dinitrophenol | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | | SW 8270C |
| | 2-Methylphenol | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | | SW 8270C |
| | meta & para-Methylphenol | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | | SW 8270C |
| | 2-Nitrophenol | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | | SW 8270C |
| | Pentachlorophenol | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | | SW 8270C |
| | Phenol | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | | SW 8270C |
| | 2,4,5-Trichlorophenol | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | | SW 8270C |
| | 2,4,6-Trichlorophenol | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | | SW 8270C |
| | Surrogate: d6-Phenol | 67 | | % | 09/29/2001 | 1279 | 2710 | | jcs | | SW 8270C |
| | Surrogate: 2-Fluorophenol | 72 | | % | 09/29/2001 | 1279 | 2710 | | jcs | | SW 8270C |
| | Surrogate: Tribromophenol | 71 | | % | 09/29/2001 | 1279 | 2710 | | jcs | | SW 8270C |
| | TPH - GRO (Aqueous) | <1 | | mg/L | 10/02/2001 | | 86 | <1 | meh | | SW 8015M |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|--------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708597 | SBI002:HMW4S:G092001:523 | | | | | | | | | DATE/TIME TAKEN 09/20/2001 08:15 |
| ICPMS TOTAL METALS | Complete | | | | 10/03/2001 | | 2583 | Complete | kmb | SW 6020 |
| Arsenic, ICPMS | <0.0050 | mg/L | | | 10/03/2001 | 1851 | 3715 | <0.0050 | kmb | SW 6020 |
| Barium, ICPMS | 0.0290 | mg/L | | | 10/03/2001 | 1851 | 3923 | <0.0050 | kmb | SW 6020 |
| Cadmium, ICPMS | <0.0010 | mg/L | | | 10/03/2001 | 1851 | 3594 | <0.0010 | kmb | SW 6020 |
| Chromium, ICPMS (0.005) | <0.0050 | mg/L | | | 10/03/2001 | 1851 | 3992 | <0.0050 | kmb | SW 6020 |
| Lead, ICPMS | 0.0034 | mg/L | | | 10/03/2001 | 1851 | 3672 | <0.0010 | kmb | SW 6020 |
| Mercury, CVAA | <0.0002 | mg/L | | | 09/26/2001 | 1417 | 1363 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | <0.0050 | mg/L | | | 09/28/2001 | 754 | 579 | <0.0050 | lnh | SW 7740 |
| Silver, ICPMS | <0.0005 | mg/L | | | 10/03/2001 | 1851 | 3929 | <0.0005 | kmb | SW 6020 |
| Metals Digestion, ICPMS | Complete | | | | 09/27/2001 | 1851 | | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | Complete | | | | 09/26/2001 | 754 | | Complete | mrt | SW 3020A |
| Manual Mercury Digestion | Complete | | | | 09/25/2001 | 1417 | | Complete | epk | SW 7470A |
| Prep, Base Neutral | Complete | | | | 09/26/2001 | 1279 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, Acid Extractable | Complete | | | | 09/26/2001 | 1279 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | Complete | | | | 09/26/2001 | | 3608 | Complete | dmg | |
| Acetone | <20.0 | ug/L | | | 09/26/2001 | | 3608 | <20.0 | dmg | SW 8260B |
| Benzene | <1.0 | ug/L | | | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| tert-Butylbenzene | <1.0 | ug/L | | | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| sec-Butylbenzene | <1.0 | ug/L | | | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| n-Butylbenzene | <1.0 | ug/L | | | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Bromochloromethane | <1.0 | ug/L | | | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Bromodichloromethane | <1.0 | ug/L | | | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Bromoform | <1.0 | ug/L | | | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Bromobenzene | <1.0 | ug/L | | | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|--------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708597 | SBI002:HMW4S:G092001:523 | | | | | | | | | DATE/TIME TAKEN 09/20/2001 08:15 |
| 2-Butanone (MEK) | | <12.5 | | ug/L | 09/26/2001 | | 3608 | <12.5 | dmg | SW 8260B |
| Carbon disulfide | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Carbon tetrachloride | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Chlorobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Chloroethane | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| 2-Chlorotoluene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 4-Chlorotoluene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Chloroform | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Chloromethane | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| Dibromochloromethane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Dibromomethane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Dichlorodifluoromethane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,2-Dibromo-3-chloropropane | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| 1,2-Dichlorobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,3-Dichlorobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,4-Dichlorobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,1-Dichloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,2-Dichloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,1-Dichloroethene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| cis-1,2-Dichloroethene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| trans-1,2-Dichloroethene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,2-Dichloropropane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,3-Dichloropropane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 2,2-Dichloropropane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,1-Dichloropropene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| cis-1,3-Dichloropropene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708597 | SBI002:HMW4S:G092001:523 | | | | | | | | | DATE/TIME TAKEN 09/20/2001 08:15 |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/26/2001 | | 3608 | <12.5 | dmg | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/26/2001 | | 3608 | <12.5 | dmg | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Tetrachloroethene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Trichloroethene | 4.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------------------------|--------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708597 | SBI002:HMW4S:G092001:523 | | | | | | | | | DATE/TIME TAKEN 09/20/2001 08:15 |
| Vinyl Acetate | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| Vinyl Chloride | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Xylenes | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| d4-1,2-Dichloroethane (surr) | | 111 | | % | 09/26/2001 | | 3608 | | dmg | SW 8260B |
| Dibromofluoromethane (surr) | | 105 | | % | 09/26/2001 | | 3608 | | dmg | SW 8260B |
| d8-Toluene (surr) | | 96 | | % | 09/26/2001 | | 3608 | | dmg | SW 8260B |
| Bromofluorobenzene (surr) | | 104 | | % | 09/26/2001 | | 3608 | | dmg | SW 8260B |
| BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | | |
| Acenaphthene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Acenaphthylene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Anthracene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Benzo(a)anthracene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Benzo(b)fluoranthene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Benzo(k)fluoranthene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Benzo(a)pyrene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Benzyl alcohol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Benzyl butyl phthalate | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| bis(2-Chloroethyl)ether | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| bis(2-Chloroethoxy)methane | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| bis(2-Ethylhexyl)phthalate | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 4-Bromophenyl phenyl ether | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 4-Chloroaniline | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2-Chloronaphthalene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Chrysene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|----------------------------|--------|------|-------|------------|--------------|--------------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch Number | Batch Number | Limit | Initials | |
| 708597 | SBI002:HMW4S:G092001:523 | | | | | | | | | DATE/TIME TAKEN 09/20/2001 08:15 |
| | Dibenzo (a,h)anthracene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Dibenzofuran | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 1,2-Dichlorobenzene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 1,3-Dichlorobenzene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 1,4-Dichlorobenzene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 3,3'-Dichlorobenzidine | <52 | | ug/L | 09/28/2001 | 1279 | 2710 | <52 | jcs | SW 8270C |
| | Diethyl phthalate | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Dimethyl phthalate | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 2,4-Dinitrotoluene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 2,6-Dinitrotoluene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Di-n-octylphthalate | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Fluoranthene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Fluorene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Hexachlorobenzene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Hexachloro-1,3-butadiene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Hexachlorocyclopentadiene | <21 | | ug/L | 09/28/2001 | 1279 | 2710 | <21 | jcs | SW 8270C |
| | Hexachloroethane | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Indeno (1,2,3-cd)pyrene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Isophorone | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Naphthalene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Nitrobenzene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | N-Nitrosodi-n-propylamine | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Phenanthrene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Pyrene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 1,2,4-Trichlorobenzene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Surrogate: d5-Nitrobenzene | 80 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------|-----------------------------|--------|------|-------|------------|-------|-------|-----------|----------|------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708597 | SBI002:HMW4S:G092001:523 | | | | | | | | | |
| | Surrogate: 2-Fluorobiphenyl | 85 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C |
| | Surrogate: d14-Terphenyl | 61 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C |
| ACID COMPOUNDS (AQ) 8270 | | | | | | | | | | |
| | Benzoic acid | <52 | | ug/L | 09/28/2001 | 1279 | 2710 | <52 | jcs | SW 8270C |
| | 4-Chloro-3-methylphenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 2-Chlorophenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 2,4-Dichlorophenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 2,4-Dimethylphenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 2-Methyl-4,6-dinitrophenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 2-Methylphenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | meta & para-Methylphenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 2-Nitrophenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Pentachlorophenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Phenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 2,4,5-Trichlorophenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 2,4,6-Trichlorophenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Surrogate: d6-Phenol | 61 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C |
| | Surrogate: 2-Fluorophenol | 68 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C |
| | Surrogate: Tribromophenol | 54 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C |
| | TPH - GRO (Aqueous) | <1 | | mg/L | 10/02/2001 | | 86 | <1 | meb | SW 8015M |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | DATE/TIME TAKEN |
|--------------------------------|--------------------------|--|
| 708598 | SBI002:HMW6S:G092001:523 | 09/20/2001 07:40 |
| ICPMS TOTAL METALS | Complete | 10/03/2001 2583 Complete kmb SW 6020 |
| Arsenic, ICPMS | 0.0542 mg/L | 10/03/2001 1851 3715 <0.0050 kmb SW 6020 |
| Barium, ICPMS | 0.231 mg/L | 10/03/2001 1851 3923 <0.0050 kmb SW 6020 |
| Cadmium, ICPMS | <0.0010 mg/L | 10/03/2001 1851 3594 <0.0010 kmb SW 6020 |
| Chromium, ICPMS (0.005) | 0.0474 mg/L | 10/03/2001 1851 3992 <0.0050 kmb SW 6020 |
| Lead, ICPMS | 0.0950 mg/L | 10/03/2001 1851 3672 <0.0010 kmb SW 6020 |
| Mercury, CVAA | <0.0002 mg/L | 09/26/2001 1417 1363 <0.0002 epk SW 7470A |
| Selenium, GFAA | <0.0050 mg/L | 09/28/2001 754 579 <0.0050 lnh SW 7740 |
| Silver, ICPMS | <0.0005 mg/L | 10/03/2001 1851 3929 <0.0005 kmb SW 6020 |
| Metals Digestion, ICPMS | Complete | 09/27/2001 1851 Complete cIm SW 3010A |
| Metals Digestion, GFAA | Complete | 09/26/2001 754 Complete mrt SW 3020A |
| Manual Mercury Digestion | Complete | 09/25/2001 1417 Complete epk SW 7470A |
| Prep, Base Neutral | Complete | 09/26/2001 1279 Complete rec EPA 625 ; SW 3510C ; SW 352 |
| Prep, Acid Extractable | Complete | 09/26/2001 1279 Complete rec EPA 625 ; SW 3510C ; SW 352 |
| VOLATILE COMPOUNDS - 8260 (AQ) | | |
| 8260 - SW846 (AQ) | Complete | 09/26/2001 3608 Complete dmG |
| Acetone | <20.0 ug/L | 09/26/2001 3608 <20.0 dmG SW 8260B |
| Benzene | <1.0 ug/L | 09/26/2001 3608 <1.0 dmG SW 8260B |
| tert-Butylbenzene | <1.0 ug/L | 09/26/2001 3608 <1.0 dmG SW 8260B |
| sec-Butylbenzene | <1.0 ug/L | 09/26/2001 3608 <1.0 dmG SW 8260B |
| n-Butylbenzene | <1.0 ug/L | 09/26/2001 3608 <1.0 dmG SW 8260B |
| Bromochloromethane | <1.0 ug/L | 09/26/2001 3608 <1.0 dmG SW 8260B |
| Bromodichloromethane | <1.0 ug/L | 09/26/2001 3608 <1.0 dmG SW 8260B |
| Bromoform | <1.0 ug/L | 09/26/2001 3608 <1.0 dmG SW 8260B |
| Bromobenzene | <1.0 ug/L | 09/26/2001 3608 <1.0 dmG SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708598 | SBI002:HMW6S:G092001:523 | | | | | | | | | DATE/TIME TAKEN 09/20/2001 07:40 |
| | 2-Butanone (MEK) | <12.5 | | ug/L | 09/26/2001 | | 3608 | <12.5 | dmg | SW 8260B |
| | Carbon disulfide | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Carbon tetrachloride | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Chlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Chloroethane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 2-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 4-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Chloroform | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Chloromethane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | Dibromochloromethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Dibromomethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|------------|--------------|--------------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch Number | Batch Number | Limit | Initials | |
| 708598 | SBI002:HMW6S:G092001:523 | | | | | | | | | DATE/TIME TAKEN 09/20/2001 07:40 |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/26/2001 | | 3608 | <12.5 | dmg | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/26/2001 | | 3608 | <12.5 | dmg | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Tetrachloroethene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Trichloroethene | 4.1 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------------------------|--------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708598 | SBI002:HMW6S:G092001:523 | | | | | | | | | DATE/TIME TAKEN 09/20/2001 07:40 |
| Vinyl Acetate | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| Vinyl Chloride | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Xylenes | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| d4-1,2-Dichloroethane (surr) | | 111 | | % | 09/26/2001 | | 3608 | | dmg | SW 8260B |
| Dibromofluoromethane (surr) | | 105 | | % | 09/26/2001 | | 3608 | | dmg | SW 8260B |
| d8-Toluene (surr) | | 99 | | % | 09/26/2001 | | 3608 | | dmg | SW 8260B |
| Bromofluorobenzene (surr) | | 100 | | % | 09/26/2001 | | 3608 | | dmg | SW 8260B |
| BASE NEUTRAL COMP. (AQ) | 8270 | | | | | | | | | |
| Acenaphthene | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Acenaphthylene | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Anthracene | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Benzo(a)anthracene | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Benzo(b)fluoranthene | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Benzo(k)fluoranthene | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Benzo(a)pyrene | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Benzyl alcohol | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Benzyl butyl phthalate | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| bis(2-Chloroethyl)ether | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| bis(2-Chloroethoxy)methane | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| bis(2-Ethylhexyl)phthalate | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 4-Bromophenyl phenyl ether | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 4-Chloroaniline | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2-Chloronaphthalene | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Chrysene | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|-----------------------------|--------------------------|--------|------|-------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | |
| 708598 | SBI002:HMW6S:G092001:523 | | | | | | | | | | 09/20/2001 07:40 |
| Surrogate: 2-Fluorobiphenyl | | 66 | | % | 09/29/2001 | 1279 | 2710 | | jcs | SW 8270C | |
| Surrogate: d14-Terphenyl | | 41 | | % | 09/29/2001 | 1279 | 2710 | | jcs | SW 8270C | |
| ACID COMPOUNDS (AQ) 8270 | | | | | | | | | | | |
| Benzoic acid | | <50 | | ug/L | 09/29/2001 | 1279 | 2710 | <50 | jcs | SW 8270C | |
| 4-Chloro-3-methylphenol | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| 2-Chlorophenol | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| 2,4-Dichlorophenol | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| 2,4-Dimethylphenol | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| 2-Methyl-4,6-dinitrophenol | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| 2-Methylphenol | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| meta & para-Methylphenol | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| 2-Nitrophenol | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| Pentachlorophenol | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| Phenol | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| 2,4,5-Trichlorophenol | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| 2,4,6-Trichlorophenol | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| Surrogate: d6-Phenol | | 73 | | % | 09/29/2001 | 1279 | 2710 | | jcs | SW 8270C | |
| Surrogate: 2-Fluorophenol | | 73 | | % | 09/29/2001 | 1279 | 2710 | | jcs | SW 8270C | |
| Surrogate: Tribromophenol | | 63 | | % | 09/29/2001 | 1279 | 2710 | | jcs | SW 8270C | |
| TPH - GRO (Aqueous) | | <1 | | mg/L | 10/02/2001 | | 86 | <1 | mcb | SW 8015M | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|--------------------------|----------|------|-------|------------|--------------|--------------|-----------|----------|------------------------|
| | | | | | Analyzed | Batch Number | Batch Number | Limit | Initials | |
| | | | | | | | | | | DATE/TIME TAKEN |
| 708599 | SBI002:HMW3S:G092001:523 | | | | | | | | | 09/20/2001 08:30 |
| ICPMS TOTAL METALS | | Complete | | | 10/03/2001 | | 2583 | Complete | kmb | SW 6020 |
| Arsenic, ICPMS | | 0.0189 | | mg/L | 10/03/2001 | 1851 | 3715 | <0.0050 | kmb | SW 6020 |
| Barium, ICPMS | | 0.0814 | | mg/L | 10/03/2001 | 1851 | 3923 | <0.0050 | kmb | SW 6020 |
| Cadmium, ICPMS | | <0.0010 | | mg/L | 10/03/2001 | 1851 | 3594 | <0.0010 | kmb | SW 6020 |
| Chromium, ICPMS (0.005) | | 0.0127 | | mg/L | 10/03/2001 | 1851 | 3992 | <0.0050 | kmb | SW 6020 |
| Lead, ICPMS | | 0.0313 | | mg/L | 10/03/2001 | 1851 | 3672 | <0.0010 | kmb | SW 6020 |
| Mercury, CVAA | | <0.0002 | | mg/L | 09/26/2001 | 1417 | 1363 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | | <0.0050 | | mg/L | 09/28/2001 | 754 | 579 | <0.0050 | lnh | SW 7740 |
| Silver, ICPMS | | <0.0005 | | mg/L | 10/03/2001 | 1851 | 3929 | <0.0005 | kmb | SW 6020 |
| Metals Digestion, ICPMS | | Complete | | | 09/27/2001 | 1851 | | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | | Complete | | | 09/26/2001 | 754 | | Complete | mrt | SW 3020A |
| Manual Mercury Digestion | | Complete | | | 09/25/2001 | 1417 | | Complete | epk | SW 7470A |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | | Complete | | | 09/26/2001 | | 3608 | Complete | dmg | |
| Acetone | | <20.0 | | ug/L | 09/26/2001 | | 3608 | <20.0 | dmg | SW 8260B |
| Benzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| tert-Butylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| sec-Butylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| n-Butylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Bromochloromethane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Bromodichloromethane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Bromoform | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Bromobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 2-Butanone (MEK) | | <12.5 | | ug/L | 09/26/2001 | | 3608 | <12.5 | dmg | SW 8260B |
| Carbon disulfide | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708599 | SBI002:HMW3S:G092001:523 | | | | | | | | | DATE/TIME TAKEN 09/20/2001 08:30 |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/26/2001 | | 3608 | <12.5 | dmg | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/26/2001 | | 3608 | <12.5 | dmg | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Tetrachloroethene | 1.2 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Trichloroethene | 13.8 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Vinyl Acetate | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | Vinyl Chloride | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------|--------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 708599 | SBI002:HMW3S:G092001:523 | | | | | | | | | |
| | | | | | | | | | | DATE/TIME TAKEN |
| | | | | | | | | | | 09/20/2001 08:30 |

| | | | | | | | | | | |
|------------------------------|------|--|--|------|------------|--|------|------|-----|----------|
| Xylenes | <1.0 | | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| d4-1,2-Dichloroethane (surr) | 108 | | | % | 09/26/2001 | | 3608 | | dmg | SW 8260B |
| Dibromofluoromethane (surr) | 103 | | | % | 09/26/2001 | | 3608 | | dmg | SW 8260B |
| d8-Toluene (surr) | 96 | | | % | 09/26/2001 | | 3608 | | dmg | SW 8260B |
| Bromofluorobenzene (surr) | 100 | | | % | 09/26/2001 | | 3608 | | dmg | SW 8260B |
| TPH - GRO (Aqueous) | <1 | | | mg/L | 10/02/2001 | | 86 | <1 | mcb | SW 8015M |

| SAMPLE NO. | SAMPLE DESCRIPTION | DATE/TIME TAKEN | | | | | | | | |
|------------|-------------------------|------------------|--|--|--|--|--|--|--|--|
| 708600 | SBI002:MW14:G092001:523 | 09/20/2001 08:45 | | | | | | | | |

| | | | | | | | | | | |
|--------------------------|----------|--|--|------|------------|------|------|----------|-----|----------|
| ICPMS TOTAL METALS | Complete | | | | 10/03/2001 | | 2583 | Complete | kmb | SW 6020 |
| Arsenic, ICPMS | <0.0050 | | | mg/L | 10/03/2001 | 1851 | 3715 | <0.0050 | kmb | SW 6020 |
| Barium, ICPMS | 0.0443 | | | mg/L | 10/03/2001 | 1851 | 3923 | <0.0050 | kmb | SW 6020 |
| Cadmium, ICPMS | <0.0010 | | | mg/L | 10/03/2001 | 1851 | 3594 | <0.0010 | kmb | SW 6020 |
| Chromium, ICPMS (0.005) | <0.0050 | | | mg/L | 10/03/2001 | 1851 | 3992 | <0.0050 | kmb | SW 6020 |
| Lead, ICPMS | 0.0018 | | | mg/L | 10/03/2001 | 1851 | 3672 | <0.0010 | kmb | SW 6020 |
| Mercury, CVAA | <0.0002 | | | mg/L | 09/26/2001 | 1417 | 1363 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | <0.0050 | | | mg/L | 09/28/2001 | 754 | 579 | <0.0050 | lnh | SW 7740 |
| Silver, ICPMS | <0.0005 | | | mg/L | 10/03/2001 | 1851 | 3929 | <0.0005 | kmb | SW 6020 |
| Metals Digestion, ICPMS | Complete | | | | 09/27/2001 | 1851 | | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | Complete | | | | 09/26/2001 | 754 | | Complete | mrt | SW 3020A |
| Manual Mercury Digestion | Complete | | | | 09/25/2001 | 1417 | | Complete | epk | SW 7470A |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------|-------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 708600 | SBI002:MW14:G092001:523 | | | | 09/26/2001 | 3608 | 3608 | Complete | dmg | DATE/TIME TAKEN 09/20/2001 08:45 |

VOLATILE COMPOUNDS - 8260 (AQ)

| Compound | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|----------|------|-------|---------------|-------------------|------------------|-----------------|------------------|------------------|
| 8260 - SW846 (AQ) | Complete | | | 09/26/2001 | 3608 | 3608 | Complete | dmg | |
| Acetone | <20.0 | | ug/L | 09/26/2001 | 3608 | 3608 | <20.0 | dmg | SW 8260B |
| Benzene | <1.0 | | ug/L | 09/26/2001 | 3608 | 3608 | <1.0 | dmg | SW 8260B |
| tert-Butylbenzene | <1.0 | | ug/L | 09/26/2001 | 3608 | 3608 | <1.0 | dmg | SW 8260B |
| sec-Butylbenzene | <1.0 | | ug/L | 09/26/2001 | 3608 | 3608 | <1.0 | dmg | SW 8260B |
| n-Butylbenzene | <1.0 | | ug/L | 09/26/2001 | 3608 | 3608 | <1.0 | dmg | SW 8260B |
| Bromochloromethane | <1.0 | | ug/L | 09/26/2001 | 3608 | 3608 | <1.0 | dmg | SW 8260B |
| Bromodichloromethane | <1.0 | | ug/L | 09/26/2001 | 3608 | 3608 | <1.0 | dmg | SW 8260B |
| Bromoform | <1.0 | | ug/L | 09/26/2001 | 3608 | 3608 | <1.0 | dmg | SW 8260B |
| Bromobenzene | <1.0 | | ug/L | 09/26/2001 | 3608 | 3608 | <1.0 | dmg | SW 8260B |
| 2-Butanone (MEK) | <12.5 | | ug/L | 09/26/2001 | 3608 | 3608 | <12.5 | dmg | SW 8260B |
| Carbon disulfide | <1.0 | | ug/L | 09/26/2001 | 3608 | 3608 | <1.0 | dmg | SW 8260B |
| Carbon tetrachloride | <1.0 | | ug/L | 09/26/2001 | 3608 | 3608 | <1.0 | dmg | SW 8260B |
| Chlorobenzene | <1.0 | | ug/L | 09/26/2001 | 3608 | 3608 | <1.0 | dmg | SW 8260B |
| Chloroethane | <5.0 | | ug/L | 09/26/2001 | 3608 | 3608 | <5.0 | dmg | SW 8260B |
| 2-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | 3608 | 3608 | <1.0 | dmg | SW 8260B |
| 4-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | 3608 | 3608 | <1.0 | dmg | SW 8260B |
| Chloroform | <1.0 | | ug/L | 09/26/2001 | 3608 | 3608 | <1.0 | dmg | SW 8260B |
| Chloromethane | <5.0 | | ug/L | 09/26/2001 | 3608 | 3608 | <5.0 | dmg | SW 8260B |
| Dibromochloromethane | <1.0 | | ug/L | 09/26/2001 | 3608 | 3608 | <1.0 | dmg | SW 8260B |
| Dibromomethane | <1.0 | | ug/L | 09/26/2001 | 3608 | 3608 | <1.0 | dmg | SW 8260B |
| Dichlorodifluoromethane | <1.0 | | ug/L | 09/26/2001 | 3608 | 3608 | <1.0 | dmg | SW 8260B |
| 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/26/2001 | 3608 | 3608 | <5.0 | dmg | SW 8260B |
| 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | 3608 | 3608 | <1.0 | dmg | SW 8260B |
| 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | 3608 | 3608 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|-------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708600 | SBI002:MW14:G092001:523 | | | | | | | | | DATE/TIME TAKEN 09/20/2001 08:45 |
| 1,4-Dichlorobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,1-Dichloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,2-Dichloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,1-Dichloroethene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| cis-1,2-Dichloroethene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| trans-1,2-Dichloroethene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,2-Dichloropropane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,3-Dichloropropane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 2,2-Dichloropropane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,1-Dichloropropene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| cis-1,3-Dichloropropene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| trans-1,3-Dichloropropene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Ethylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Hexachlorobutadiene | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| n-Hexane | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| 2-Hexanone | | <12.5 | | ug/L | 09/26/2001 | | 3608 | <12.5 | dmg | SW 8260B |
| Isopropylbenzene (Cumene) | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| p-Isopropyltoluene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Bromomethane | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| Methylene Chloride | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| Methyl t-butyl ether (MTBE) | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| 4-Methyl-2-pentanone (MIBK) | | <12.5 | | ug/L | 09/26/2001 | | 3608 | <12.5 | dmg | SW 8260B |
| n-Propylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Styrene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Naphthalene | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| 1,1,1,2-Tetrachloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|------------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708600 | SBI002:MW14:G092001:523 | | | | | | | | | DATE/TIME TAKEN 09/20/2001 08:45 |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Tetrachloroethene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 1,1,1-Trichloroethane | 3.7 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Trichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Vinyl Acetate | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | Vinyl Chloride | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Xylenes | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | d4-1,2-Dichloroethane (surr) | 109 | | % | 09/26/2001 | | 3608 | | dmg | SW 8260B |
| | Dibromofluoromethane (surr) | 105 | | % | 09/26/2001 | | 3608 | | dmg | SW 8260B |
| | d8-Toluene (surr) | 101 | | % | 09/26/2001 | | 3608 | | dmg | SW 8260B |
| | Bromofluorobenzene (surr) | 100 | | % | 09/26/2001 | | 3608 | | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|---------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708601 | SBI002:HMW24D:G092001:523 | | | | | | | | | DATE/TIME TAKEN 09/20/2001 08:50 |
| ICPMS TOTAL METALS | Complete | | | | 10/03/2001 | | 2583 | Complete | kmb | SW 6020 |
| Arsenic, ICPMS | <0.0050 | mg/L | | | 10/03/2001 | 1851 | 3715 | <0.0050 | kmb | SW 6020 |
| Barium, ICPMS | 0.0556 | mg/L | | | 10/03/2001 | 1851 | 3923 | <0.0050 | kmb | SW 6020 |
| Cadmium, ICPMS | <0.0010 | mg/L | | | 10/03/2001 | 1851 | 3594 | <0.0010 | kmb | SW 6020 |
| Chromium, ICPMS (0.005) | <0.0050 | mg/L | | | 10/03/2001 | 1851 | 3992 | <0.0050 | kmb | SW 6020 |
| Lead, ICPMS | 0.0017 | mg/L | | | 10/03/2001 | 1851 | 3672 | <0.0010 | kmb | SW 6020 |
| Mercury, CVAA | <0.0002 | mg/L | | | 09/26/2001 | 1417 | 1363 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | <0.0050 | mg/L | | | 09/28/2001 | 754 | 579 | <0.0050 | lnh | SW 7740 |
| Silver, ICPMS | <0.0005 | mg/L | | | 10/03/2001 | 1851 | 3929 | <0.0005 | kmb | SW 6020 |
| Metals Digestion, ICPMS | Complete | | | | 09/27/2001 | 1851 | | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | Complete | | | | 09/26/2001 | 754 | | Complete | mrt | SW 3020A |
| Manual Mercury Digestion | Complete | | | | 09/25/2001 | 1417 | | Complete | epk | SW 7470A |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | Complete | | | | 09/26/2001 | | 3608 | Complete | dmg | |
| Acetone | <20.0 | ug/L | | | 09/26/2001 | | 3608 | <20.0 | dmg | SW 8260B |
| Benzene | <1.0 | ug/L | | | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| tert-Butylbenzene | <1.0 | ug/L | | | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| sec-Butylbenzene | <1.0 | ug/L | | | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| n-Butylbenzene | <1.0 | ug/L | | | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Bromochloromethane | <1.0 | ug/L | | | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Bromodichloromethane | <1.0 | ug/L | | | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Bromoform | <1.0 | ug/L | | | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Bromobenzene | <1.0 | ug/L | | | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 2-Butanone (MEK) | <12.5 | ug/L | | | 09/26/2001 | | 3608 | <12.5 | dmg | SW 8260B |
| Carbon disulfide | <1.0 | ug/L | | | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708601 | SBI002:HMW24D:G092001:523 | | | | | | | | | DATE/TIME TAKEN 09/20/2001 08:50 |
| | Carbon tetrachloride | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Chlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Chloroethane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 2-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 4-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Chloroform | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Chloromethane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | Dibromochloromethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Dibromomethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 708601 | SBI002:HMW24D:G092001:523 | | | | | | | | | | 09/20/2001 08:50 |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B | |
| | n-Hexane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B | |
| | 2-Hexanone | <12.5 | | ug/L | 09/26/2001 | | 3608 | <12.5 | dmg | SW 8260B | |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | Bromomethane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B | |
| | Methylene Chloride | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B | |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B | |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/26/2001 | | 3608 | <12.5 | dmg | SW 8260B | |
| | n-Propylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | Styrene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | Naphthalene | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B | |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | Tetrachloroethene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | Toluene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B | |
| | 1,1,1-Trichloroethane | 3.7 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | Trichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B | |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | Vinyl Acetate | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B | |
| | Vinyl Chloride | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | DATE ANALYZED | PREP BATCH NUMBER | RUN BATCH NUMBER | REPORTING LIMIT | ANALYST INITIALS | DATE/TIME TAKEN |
|------------|---------------------------|---------------|-------------------|------------------|-----------------|------------------|------------------|
| 708601 | SBI002:HMW24D:G092001:523 | 09/26/2001 | 3608 | 3608 | <1.0 | dmg | 09/20/2001 08:50 |

| Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference |
|------------------------------|------|-------|---------------|-------------------|------------------|-----------------|------------------|------------------|
| Xylenes | <1.0 | ug/L | 09/26/2001 | 3608 | 3608 | <1.0 | dmg | SW 8260B |
| d4-1,2-Dichloroethane (surr) | 108 | % | 09/26/2001 | 3608 | 3608 | | dmg | SW 8260B |
| Dibromofluoromethane (surr) | 104 | % | 09/26/2001 | 3608 | 3608 | | dmg | SW 8260B |
| d8-Toluene (surr) | 96 | % | 09/26/2001 | 3608 | 3608 | | dmg | SW 8260B |
| Bromofluorobenzene (surr) | 98 | % | 09/26/2001 | 3608 | 3608 | | dmg | SW 8260B |

| SAMPLE NO. | SAMPLE DESCRIPTION | DATE/TIME TAKEN |
|------------|---------------------------|------------------|
| 708602 | SBI002:HMW20S:G092001:503 | 09/20/2001 09:30 |

| Prep | Result | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference |
|------------------------|----------|---------------|-------------------|------------------|-----------------|------------------|-----------------------------|
| Prep, Base Neutral | Complete | 09/26/2001 | 1279 | 1279 | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, Acid Extractable | Complete | 09/26/2001 | 1279 | 1279 | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |

| Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference |
|--------------------------------|----------|-------|---------------|-------------------|------------------|-----------------|------------------|------------------|
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | |
| 8260 - SW846 (AQ) | Complete | | 09/26/2001 | 3608 | 3608 | Complete | dmg | |
| Acetone | <20.0 | ug/L | 09/26/2001 | 3608 | 3608 | <20.0 | dmg | SW 8260B |
| Benzene | <1.0 | ug/L | 09/26/2001 | 3608 | 3608 | <1.0 | dmg | SW 8260B |
| tert-Butylbenzene | <1.0 | ug/L | 09/26/2001 | 3608 | 3608 | <1.0 | dmg | SW 8260B |
| sec-Butylbenzene | <1.0 | ug/L | 09/26/2001 | 3608 | 3608 | <1.0 | dmg | SW 8260B |
| n-Butylbenzene | <1.0 | ug/L | 09/26/2001 | 3608 | 3608 | <1.0 | dmg | SW 8260B |
| Bromochloromethane | <1.0 | ug/L | 09/26/2001 | 3608 | 3608 | <1.0 | dmg | SW 8260B |
| Bromodichloromethane | <1.0 | ug/L | 09/26/2001 | 3608 | 3608 | <1.0 | dmg | SW 8260B |
| Bromoform | <1.0 | ug/L | 09/26/2001 | 3608 | 3608 | <1.0 | dmg | SW 8260B |
| Bromobenzene | <1.0 | ug/L | 09/26/2001 | 3608 | 3608 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

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10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708602 | SBI002:HMW20S:G092001:503 | | | | | | | | | DATE/TIME TAKEN 09/20/2001 09:30 |
| | 2-Butanone (MEK) | <12.5 | | ug/L | 09/26/2001 | | 3608 | <12.5 | dmg | SW 8260B |
| | Carbon disulfide | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Carbon tetrachloride | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Chlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Chloroethane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 2-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 4-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Chloroform | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Chloromethane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | Dibromochloromethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Dibromomethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 708602 | SBI002:HMW20S:G092001:503 | | | | | | | | | DATE/TIME TAKEN 09/20/2001 09:30 |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/26/2001 | | 3608 | <12.5 | dmg | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/26/2001 | | 3608 | <12.5 | dmg | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Tetrachloroethene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Trichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-------------------------------|---------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708602 | SBI002:HMW20S:G092001:503 | | | | | | | | | DATE/TIME TAKEN 09/20/2001 09:30 |
| Vinyl Acetate | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| Vinyl Chloride | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Xylenes | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| d4-1,2-Dichloroethane (surr) | | 109 | | % | 09/26/2001 | | 3608 | | dmg | SW 8260B |
| Dibromofluoromethane (surr) | | 103 | | % | 09/26/2001 | | 3608 | | dmg | SW 8260B |
| d8-Toluene (surr) | | 97 | | % | 09/26/2001 | | 3608 | | dmg | SW 8260B |
| Bromofluorobenzene (surr) | | 101 | | % | 09/26/2001 | | 3608 | | dmg | SW 8260B |
| BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | | |
| Acenaphthene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Acenaphthylene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Anthracene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Benzo (a) anthracene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Benzo (b) fluoranthene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Benzo (k) fluoranthene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Benzo (a) pyrene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Benzyl alcohol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Benzyl butyl phthalate | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| bis (2-Chloroethyl) ether | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| bis (2-Chloroethoxy) methane | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| bis (2-Ethylhexyl) phthalate | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2,2'-oxybis (1-Chloropropane) | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 4-Bromophenyl phenyl ether | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 4-Chloroaniline | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2-Chloronaphthalene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Chrysene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
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 Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 708602 | SBI002:HMW20S:G092001:503 | | | | | | | | | DATE/TIME TAKEN 09/20/2001 09:30 |
| | Dibenzo (a, h) anthracene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Dibenzofuran | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 1,2-Dichlorobenzene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 1,3-Dichlorobenzene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 1,4-Dichlorobenzene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 3,3'-Dichlorobenzidine | <50 | | ug/L | 09/28/2001 | 1279 | 2710 | <50 | jcs | SW 8270C |
| | Diethyl phthalate | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Dimethyl phthalate | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 2,4-Dinitrotoluene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 2,6-Dinitrotoluene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Di-n-octylphthalate | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Fluoranthene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Fluorene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Hexachlorobenzene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Hexachloro-1,3-butadiene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Hexachlorocyclopentadiene | <20 | | ug/L | 09/28/2001 | 1279 | 2710 | <20 | jcs | SW 8270C |
| | Hexachloroethane | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Indeno(1,2,3-cd)pyrene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Isophorone | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Naphthalene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Nitrobenzene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | N-Nitrosodi-n-propylamine | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Phenanthrene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Pyrene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 1,2,4-Trichlorobenzene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Surrogate: d5-Nitrobenzene | 81 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|---------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| | | | | | | | | | | DATE/TIME TAKEN |
| 708602 | SBI002:HMW20S:G092001:503 | | | | | | | | | 09/20/2001 09:30 |
| Surrogate: 2-Fluorobiphenyl | | 80 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C |
| Surrogate: d14-Terphenyl | | 50 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C |
| ACID COMPOUNDS (AQ) 8270 | | | | | | | | | | |
| Benzoic acid | | <50 | | ug/L | 09/28/2001 | 1279 | 2710 | <50 | jcs | SW 8270C |
| 4-Chloro-3-methylphenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2-Chlorophenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2,4-Dichlorophenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2,4-Dimethylphenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2-Methylphenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| meta & para-Methylphenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2-Nitrophenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Pentachlorophenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Phenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2,4,5-Trichlorophenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2,4,6-Trichlorophenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Surrogate: d6-Phenol | | 66 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C |
| Surrogate: 2-Fluorophenol | | 69 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C |
| Surrogate: Tribromophenol | | 75 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C |
| TPH - GRO (Aqueous) | | <1 | | mg/L | 10/02/2001 | | 86 | <1 | mcb | SW 8015M |

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|--------------------------------|------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 708603 | SBI002:FB1:G092001:523 | | | | | | | | | DATE/TIME TAKEN 09/20/2001 09:00 |
| ICPMS TOTAL METALS | Complete | | | | 10/04/2001 | | 2586 | Complete | ekh | SW 6020 |
| Arsenic, ICPMS | <0.0050 | mg/L | | | 10/03/2001 | 1851 | 3715 | <0.0050 | kmb | SW 6020 |
| Barium, ICPMS | <0.0050 | mg/L | | | 10/04/2001 | 1851 | 3927 | <0.0050 | ekh | SW 6020 |
| Cadmium, ICPMS | <0.0010 | mg/L | | | 10/03/2001 | 1851 | 3594 | <0.0010 | kmb | SW 6020 |
| Chromium, ICPMS (0.005) | <0.0050 | mg/L | | | 10/03/2001 | 1851 | 3992 | <0.0050 | kmb | SW 6020 |
| Lead, ICPMS | <0.0010 | mg/L | | | 10/03/2001 | 1851 | 3672 | <0.0010 | kmb | SW 6020 |
| Mercury, CVAA | <0.0002 | mg/L | | | 09/26/2001 | 1417 | 1363 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | <0.0050 | mg/L | | | 09/28/2001 | 754 | 579 | <0.0050 | lnh | SW 7740 |
| Silver, ICPMS | <0.0005 | mg/L | | | 10/03/2001 | 1851 | 3929 | <0.0005 | kmb | SW 6020 |
| Metals Digestion, ICPMS | Complete | | | | 09/27/2001 | 1851 | | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | Complete | | | | 09/26/2001 | 754 | | Complete | mrt | SW 3020A |
| Manual Mercury Digestion | Complete | | | | 09/25/2001 | 1417 | | Complete | epk | SW 7470A |
| Prep, Base Neutral | Complete | | | | 09/26/2001 | 1279 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, Acid Extractable | Complete | | | | 09/26/2001 | 1279 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, PCBs Aqueous 8082 | Complete | | | | 09/25/2001 | 69 | | Complete | eap | SW 3510C; SW 3520C |
| Prep, TPH - 418.1 aq | Complete | | | | 09/27/2001 | 604 | | Complete | 260 | EPA 418.1 |
| Prep, TPH DRO Aqueous | Complete | | | | 09/25/2001 | 125 | | Complete | mem | |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | Complete | | | | 09/26/2001 | | 3608 | Complete | dmg | |
| Acetone | <20.0 | ug/L | | | 09/26/2001 | | 3608 | <20.0 | dmg | SW 8260B |
| Benzene | <1.0 | ug/L | | | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| tert-Butylbenzene | <1.0 | ug/L | | | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| sec-Butylbenzene | <1.0 | ug/L | | | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| n-Butylbenzene | <1.0 | ug/L | | | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Bromochloromethane | <1.0 | ug/L | | | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708603 | SBI002:FB1:G092001:523 | | | | | | | | | DATE/TIME TAKEN 09/20/2001 09:00 |
| Bromodichloromethane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Bromoform | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Bromobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 2-Butanone (MEK) | | <12.5 | | ug/L | 09/26/2001 | | 3608 | <12.5 | dmg | SW 8260B |
| Carbon disulfide | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Carbon tetrachloride | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Chlorobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Chloroethane | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| 2-Chlorotoluene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 4-Chlorotoluene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Chloroform | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Chloromethane | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| Dibromochloromethane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Dibromomethane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Dichlorodifluoromethane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,2-Dibromo-3-chloropropane | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| 1,2-Dichlorobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,3-Dichlorobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,4-Dichlorobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,1-Dichloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,2-Dichloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,1-Dichloroethene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| cis-1,2-Dichloroethene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| trans-1,2-Dichloroethene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,2-Dichloropropane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,3-Dichloropropane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708603 | SBI002:FB1:G092001:523 | | | | | | | | | DATE/TIME TAKEN 09/20/2001 09:00 |
| 2,2-Dichloropropane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,1-Dichloropropene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| cis-1,3-Dichloropropene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| trans-1,3-Dichloropropene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Ethylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Hexachlorobutadiene | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| n-Hexane | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| 2-Hexanone | | <12.5 | | ug/L | 09/26/2001 | | 3608 | <12.5 | dmg | SW 8260B |
| Isopropylbenzene (Cumene) | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| p-Isopropyltoluene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Bromomethane | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| Methylene Chloride | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| Methyl t-butyl ether (MTBE) | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| 4-Methyl-2-pentanone (MIBK) | | <12.5 | | ug/L | 09/26/2001 | | 3608 | <12.5 | dmg | SW 8260B |
| n-Propylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Styrene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Naphthalene | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| 1,1,1,2-Tetrachloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,1,2,2-Tetrachloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Tetrachloroethene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Toluene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,2,4-Trichlorobenzene | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| 1,1,1-Trichloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,1,2-Trichloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Trichloroethene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Trichlorofluoromethane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------------------------|------------------------|--------|------|-------|------------|--------|--------|-----------|----------|------------------------|
| | | | | | Analyzed | Number | Number | Limit | Initials | |
| | | | | | | | | | | DATE/TIME TAKEN |
| 708603 | SBI002:FB1:G092001:523 | | | | | | | | | 09/20/2001 09:00 |
| 1,2,3-Trichloropropane | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| 1,2,4-Trimethylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Vinyl Acetate | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| Vinyl Chloride | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Xylenes | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| d4-1,2-Dichloroethane (surr) | | 108 | | ‡ | 09/26/2001 | | 3608 | | dmg | SW 8260B |
| Dibromofluoromethane (surr) | | 100 | | ‡ | 09/26/2001 | | 3608 | | dmg | SW 8260B |
| d8-Toluene (surr) | | 97 | | ‡ | 09/26/2001 | | 3608 | | dmg | SW 8260B |
| Bromofluorobenzene (surr) | | 102 | | ‡ | 09/26/2001 | | 3608 | | dmg | SW 8260B |
| BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | | |
| Acenaphthene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Acenaphthylene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Anthracene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Benzo(a)anthracene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Benzo(b)fluoranthene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Benzo(k)fluoranthene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Benzo(a)pyrene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Benzyl alcohol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Benzyl butyl phthalate | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| bis(2-Chloroethyl)ether | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| bis(2-Chloroethoxy)methane | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| bis(2-Ethylhexyl)phthalate | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 4-Bromophenyl phenyl ether | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|---------------------------|------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 708603 | SBI002:FB1:G092001:523 | | | | | | | | | DATE/TIME TAKEN 09/20/2001 09:00 |
| 4-Chloroaniline | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2-Chloronaphthalene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Chrysene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Dibenzo(a,h)anthracene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Dibenzofuran | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 1,2-Dichlorobenzene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 1,3-Dichlorobenzene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 1,4-Dichlorobenzene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 3,3'-Dichlorobenzidine | | <50 | | ug/L | 09/28/2001 | 1279 | 2710 | <50 | jcs | SW 8270C |
| Diethyl phthalate | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Dimethyl phthalate | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2,4-Dinitrotoluene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2,6-Dinitrotoluene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Di-n-octylphthalate | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Fluoranthene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Fluorene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Hexachlorobenzene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Hexachloro-1,3-butadiene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Hexachlorocyclopentadiene | | <20 | | ug/L | 09/28/2001 | 1279 | 2710 | <20 | jcs | SW 8270C |
| Hexachloroethane | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Indeno(1,2,3-cd)pyrene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Isophorone | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Naphthalene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Nitrobenzene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| N-Nitrosodi-n-propylamine | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Phenanthrene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|-------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | 09/20/2001 09:00 |
| 708603 | SBI002:FB1:G092001:523 | | | | | | | | | | |
| | Pyrene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 1,2,4-Trichlorobenzene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Surrogate: d5-Nitrobenzene | 84 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C | |
| | Surrogate: 2-Fluorobiphenyl | 88 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C | |
| | Surrogate: d14-Terphenyl | 95 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C | |
| | ACID COMPOUNDS (AQ) 8270 | | | | | | | | | | |
| | Benzoic acid | <50 | | ug/L | 09/28/2001 | 1279 | 2710 | <50 | jcs | SW 8270C | |
| | 4-Chloro-3-methylphenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 2-Chlorophenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 2,4-Dichlorophenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 2,4-Dimethylphenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 2-Methyl-4,6-dinitrophenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 2-Methylphenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | meta & para-Methylphenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 2-Nitrophenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Pentachlorophenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Phenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 2,4,5-Trichlorophenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 2,4,6-Trichlorophenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Surrogate: d6-Phenol | 78 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C | |
| | Surrogate: 2-Fluorophenol | 80 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C | |
| | Surrogate: Tribromophenol | 96 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C | |
| | PCB's M 8082. Aqueous | | | | | | | | | | |
| | Aroclor 1016 | <0.20 | | ug/L | 09/28/2001 | 69 | 128 | <0.20 | mrh | SW 8082 | |
| | Aroclor 1221 | <0.20 | | ug/L | 09/28/2001 | 69 | 128 | <0.20 | mrh | SW 8082 | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-------------------------|------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708603 | SBI002:FB1:G092001:523 | | | | | | | | | DATE/TIME TAKEN 09/20/2001 09:00 |
| Aroclor 1232 | | <0.20 | | ug/L | 09/28/2001 | 69 | 128 | <0.20 | mrbr | SW 8082 |
| Aroclor 1242 | | <0.20 | | ug/L | 09/28/2001 | 69 | 128 | <0.20 | mrbr | SW 8082 |
| Aroclor 1248 | | <0.20 | | ug/L | 09/28/2001 | 69 | 128 | <0.20 | mrbr | SW 8082 |
| Aroclor 1254 | | <0.20 | | ug/L | 09/28/2001 | 69 | 128 | <0.20 | mrbr | SW 8082 |
| Aroclor 1260 | | <0.20 | | ug/L | 09/28/2001 | 69 | 128 | <0.20 | mrbr | SW 8082 |
| Surrogate:DCB/TCX | | 76/58 | | % | 09/28/2001 | 69 | 128 | | mrbr | SW 8082 |
| TPH - DRO AQUEOUS | | <1 | | mg/L | 09/26/2001 | 125 | 213 | <1 | meb | SW 8015M |
| TPH - GRO (Aqueous) | | <1 | | mg/L | 10/02/2001 | | 86 | <1 | meb | SW 8015M |
| TPH - Method 418.1 (AQ) | | <0.2 | | mg/L | 09/28/2001 | 604 | 725 | <0.2 | 260 | EPA 418.1 |

SAMPLE NO. 708604 **SAMPLE DESCRIPTION** SBI002:FB2:G092001:523 **DATE/TIME TAKEN** 09/20/2001 14:00

| | | | | | | | | | | |
|-------------------------|----------|--|--|------|------------|------|------|----------|-----|----------|
| ICPMS TOTAL METALS | Complete | | | | 10/04/2001 | | 2586 | Complete | ekh | SW 6020 |
| Arsenic, ICPMS | <0.0050 | | | mg/L | 10/03/2001 | 1851 | 3715 | <0.0050 | kmb | SW 6020 |
| Barium, ICPMS | <0.0050 | | | mg/L | 10/04/2001 | 1851 | 3927 | <0.0050 | ekh | SW 6020 |
| Cadmium, ICPMS | <0.0010 | | | mg/L | 10/03/2001 | 1851 | 3594 | <0.0010 | kmb | SW 6020 |
| Chromium, ICPMS (0.005) | <0.0050 | | | mg/L | 10/03/2001 | 1851 | 3992 | <0.0050 | kmb | SW 6020 |
| Lead, ICPMS | <0.0010 | | | mg/L | 10/03/2001 | 1851 | 3672 | <0.0010 | kmb | SW 6020 |
| Mercury, CVAA | <0.0002 | | | mg/L | 09/26/2001 | 1417 | 1363 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | <0.0050 | | | mg/L | 09/28/2001 | 754 | 579 | <0.0050 | lnh | SW 7740 |
| Silver, ICPMS | <0.0005 | | | mg/L | 10/03/2001 | 1851 | 3929 | <0.0005 | kmb | SW 6020 |
| Metals Digestion, ICPMS | Complete | | | | 09/27/2001 | 1851 | | Complete | clm | SW 3010A |

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708604 | SBI002:FB2:G092001:523 | | | | | | | | | DATE/TIME TAKEN 09/20/2001 14:00 |
| Metals Digestion, GFAA | Complete | | | | 09/26/2001 | 754 | | Complete | mrt | SW 3020A |
| Manual Mercury Digestion | Complete | | | | 09/25/2001 | 1417 | | Complete | epk | SW 7470A |
| Prep, Base Neutral | Complete | | | | 09/26/2001 | 1279 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, Acid Extractable | Complete | | | | 09/26/2001 | 1279 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, PCBs Aqueous 8082 | Complete | | | | 09/25/2001 | 69 | | Complete | eap | SW 3510C; SW 3520C |
| Prep, TPH - 418.1 aq | Complete | | | | 09/27/2001 | 604 | | Complete | 260 | EPA 418.1 |
| Prep, TPH DRO Aqueous | Complete | | | | 09/25/2001 | 125 | | Complete | mem | |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | Complete | | | | 09/26/2001 | | 3608 | Complete | dmg | |
| Acetone | <20.0 | | | ug/L | 09/26/2001 | | 3608 | <20.0 | dmg | SW 8260B |
| Benzene | <1.0 | | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| tert-Butylbenzene | <1.0 | | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| sec-Butylbenzene | <1.0 | | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| n-Butylbenzene | <1.0 | | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Bromochloromethane | <1.0 | | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Bromodichloromethane | <1.0 | | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Bromoform | <1.0 | | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Bromobenzene | <1.0 | | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 2-Butanone (MEK) | <12.5 | | | ug/L | 09/26/2001 | | 3608 | <12.5 | dmg | SW 8260B |
| Carbon disulfide | <1.0 | | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Carbon tetrachloride | <1.0 | | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Chlorobenzene | <1.0 | | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Chloroethane | <5.0 | | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| 2-Chlorotoluene | <1.0 | | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 4-Chlorotoluene | <1.0 | | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 708604 | SBI002:FB2:G092001:523 | | | | | | | | | | 09/20/2001 14:00 |
| | Chloroform | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | Chloromethane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B | |
| | Dibromochloromethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | Dibromomethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B | |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | Ethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B | |
| | n-Hexane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B | |
| | 2-Hexanone | <12.5 | | ug/L | 09/26/2001 | | 3608 | <12.5 | dmg | SW 8260B | |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|------------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708604 | SBI002:FB2:G092001:523 | | | | | | | | | DATE/TIME TAKEN 09/20/2001 14:00 |
| | Bromomethane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/26/2001 | | 3608 | <12.5 | dmg | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Tetrachloroethene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Trichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Vinyl Acetate | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | Vinyl Chloride | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Xylenes | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | d4-1,2-Dichloroethane (surr) | 111 | | % | 09/26/2001 | | 3608 | | dmg | SW 8260B |
| | Dibromofluoromethane (surr) | 106 | | % | 09/26/2001 | | 3608 | | dmg | SW 8260B |
| | d8-Toluene (surr) | 97 | | % | 09/26/2001 | | 3608 | | dmg | SW 8260B |
| | Bromofluorobenzene (surr) | 102 | | % | 09/26/2001 | | 3608 | | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------------------------|------------------------------|--------|------|-------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | |
| 708604 | SBI002:FB2:G092001:523 | | | | | | | | | | 09/20/2001 14:00 |
| BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | | | |
| | Acenaphthene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Acenaphthylene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Anthracene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Benzo (a) anthracene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Benzo (b) fluoranthene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Benzo (k) fluoranthene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Benzo (a) pyrene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Benzyl alcohol | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Benzyl butyl phthalate | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | bis(2-Chloroethyl) ether | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | bis(2-Chloroethoxy)methane | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | bis(2-Ethylhexyl) phthalate | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 2,2'-oxybis(1-Chloropropane) | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 4-Bromophenyl phenyl ether | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 4-Chloroaniline | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 2-Chloronaphthalene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Chrysene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Dibenzo (a, h) anthracene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Dibenzofuran | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 1,2-Dichlorobenzene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 1,3-Dichlorobenzene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 1,4-Dichlorobenzene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 3,3'-Dichlorobenzidine | <50 | | ug/L | 09/29/2001 | 1279 | 2710 | <50 | jcs | SW 8270C | |
| | Diethyl phthalate | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Dimethyl phthalate | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|------------------------|--------|------------|-------|----------|-------|-------|-----------|---------|------------------|
| | | | | | Analyzed | Batch | Batch | | Limit | |
| 708604 | SBI002:FB2:G092001:523 | | | | | | | | | |
| | | | | | | | | | | DATE/TIME TAKEN |
| | | | | | | | | | | 09/20/2001 14:00 |
| 2,4-Dinitrotoluene | <10 | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | | |
| 2,6-Dinitrotoluene | <10 | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | | |
| Di-n-octylphthalate | <10 | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | | |
| Fluoranthene | <10 | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | | |
| Fluorene | <10 | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | | |
| Hexachlorobenzene | <10 | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | | |
| Hexachloro-1,3-butadiene | <10 | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | | |
| Hexachlorocyclopentadiene | <20 | ug/L | 09/29/2001 | 1279 | 2710 | <20 | jcs | SW 8270C | | |
| Hexachloroethane | <10 | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | | |
| Indeno(1,2,3-cd)pyrene | <10 | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | | |
| Isophorone | <10 | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | | |
| Naphthalene | <10 | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | | |
| Nitrobenzene | <10 | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | | |
| N-Nitrosodi-n-propylamine | <10 | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | | |
| Phenanthrene | <10 | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | | |
| Pyrene | <10 | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | | |
| 1,2,4-Trichlorobenzene | <10 | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | | |
| Surrogate: d5-Nitrobenzene | 92 | % | 09/29/2001 | 1279 | 2710 | | jcs | SW 8270C | | |
| Surrogate: 2-Fluorobiphenyl | 94 | % | 09/29/2001 | 1279 | 2710 | | jcs | SW 8270C | | |
| Surrogate: d14-Terphenyl | 93 | % | 09/29/2001 | 1279 | 2710 | | jcs | SW 8270C | | |
| ACID COMPOUNDS (AQ) 8270 | | | | | | | | | | |
| Benzoic acid | <50 | ug/L | 09/29/2001 | 1279 | 2710 | <50 | jcs | SW 8270C | | |
| 4-Chloro-3-methylphenol | <10 | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | | |
| 2-Chlorophenol | <10 | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | | |
| 2,4-Dichlorophenol | <10 | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|----------------------------|------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 708604 | SBI002:FB2:G092001:523 | | | | | | | | | DATE/TIME TAKEN 09/20/2001 14:00 |
| 2,4-Dimethylphenol | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2-Methylphenol | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| meta & para-Methylphenol | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2-Nitrophenol | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Pentachlorophenol | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Phenol | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2,4,5-Trichlorophenol | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2,4,6-Trichlorophenol | | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Surrogate: d6-Phenol | | 81 | | % | 09/29/2001 | 1279 | 2710 | | jcs | SW 8270C |
| Surrogate: 2-Fluorophenol | | 81 | | % | 09/29/2001 | 1279 | 2710 | | jcs | SW 8270C |
| Surrogate: Tribromophenol | | 93 | | % | 09/29/2001 | 1279 | 2710 | | jcs | SW 8270C |
| PCB's M 8082. Aqueous | | | | | | | | | | |
| Aroclor 1016 | | <0.20 | | ug/L | 09/28/2001 | 69 | 128 | <0.20 | mrh | SW 8082 |
| Aroclor 1221 | | <0.20 | | ug/L | 09/28/2001 | 69 | 128 | <0.20 | mrh | SW 8082 |
| Aroclor 1232 | | <0.20 | | ug/L | 09/28/2001 | 69 | 128 | <0.20 | mrh | SW 8082 |
| Aroclor 1242 | | <0.20 | | ug/L | 09/28/2001 | 69 | 128 | <0.20 | mrh | SW 8082 |
| Aroclor 1248 | | <0.20 | | ug/L | 09/28/2001 | 69 | 128 | <0.20 | mrh | SW 8082 |
| Aroclor 1254 | | <0.20 | | ug/L | 09/28/2001 | 69 | 128 | <0.20 | mrh | SW 8082 |
| Aroclor 1260 | | <0.20 | | ug/L | 09/28/2001 | 69 | 128 | <0.20 | mrh | SW 8082 |
| Surrogate:DCB/TCX | | 81/58 | | % | 09/28/2001 | 69 | 128 | | mrh | SW 8082 |
| TPH - DRO AQUEOUS | | <1 | | mg/L | 09/27/2001 | 125 | 214 | <1 | meb | SW 8015M |
| TPH - GRO (Aqueous) | | <1 | | mg/L | 10/02/2001 | | 86 | <1 | meb | SW 8015M |
| TPH - Method 418.1 (AQ) | | <0.2 | | mg/L | 09/28/2001 | 604 | 725 | <0.2 | 260 | EPA 418.1 |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|--------------------------------|----------|------|-------|------------|-------|----------|-----------|----------|------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708605 | SBI002:HMW5S:G092001:523 | | | | | | | | | |
| | | | | | 09/27/2001 | 604 | | Complete | 260 | EPA 418.1 |
| | Prep, TPH - 418.1 aq | Complete | | | | | | | | |
| | VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | |
| | 8260 - SW846 (AQ) | Complete | | | 09/26/2001 | 3608 | Complete | dmg | | |
| | Acetone | <20.0 | | ug/L | 09/26/2001 | 3608 | <20.0 | dmg | | SW 8260B |
| | Benzene | <1.0 | | ug/L | 09/26/2001 | 3608 | <1.0 | dmg | | SW 8260B |
| | tert-Butylbenzene | <1.0 | | ug/L | 09/26/2001 | 3608 | <1.0 | dmg | | SW 8260B |
| | sec-Butylbenzene | <1.0 | | ug/L | 09/26/2001 | 3608 | <1.0 | dmg | | SW 8260B |
| | n-Butylbenzene | <1.0 | | ug/L | 09/26/2001 | 3608 | <1.0 | dmg | | SW 8260B |
| | Bromochloromethane | <1.0 | | ug/L | 09/26/2001 | 3608 | <1.0 | dmg | | SW 8260B |
| | Bromodichloromethane | <1.0 | | ug/L | 09/26/2001 | 3608 | <1.0 | dmg | | SW 8260B |
| | Bromoform | <1.0 | | ug/L | 09/26/2001 | 3608 | <1.0 | dmg | | SW 8260B |
| | Bromobenzene | <1.0 | | ug/L | 09/26/2001 | 3608 | <1.0 | dmg | | SW 8260B |
| | 2-Butanone (MEK) | <12.5 | | ug/L | 09/26/2001 | 3608 | <12.5 | dmg | | SW 8260B |
| | Carbon disulfide | <1.0 | | ug/L | 09/26/2001 | 3608 | <1.0 | dmg | | SW 8260B |
| | Carbon tetrachloride | <1.0 | | ug/L | 09/26/2001 | 3608 | <1.0 | dmg | | SW 8260B |
| | Chlorobenzene | <1.0 | | ug/L | 09/26/2001 | 3608 | <1.0 | dmg | | SW 8260B |
| | Chloroethane | <5.0 | | ug/L | 09/26/2001 | 3608 | <5.0 | dmg | | SW 8260B |
| | 2-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | 3608 | <1.0 | dmg | | SW 8260B |
| | 4-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | 3608 | <1.0 | dmg | | SW 8260B |
| | Chloroform | <1.0 | | ug/L | 09/26/2001 | 3608 | <1.0 | dmg | | SW 8260B |
| | Chloromethane | <5.0 | | ug/L | 09/26/2001 | 3608 | <5.0 | dmg | | SW 8260B |
| | Dibromochloromethane | <1.0 | | ug/L | 09/26/2001 | 3608 | <1.0 | dmg | | SW 8260B |
| | Dibromomethane | <1.0 | | ug/L | 09/26/2001 | 3608 | <1.0 | dmg | | SW 8260B |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/26/2001 | 3608 | <1.0 | dmg | | SW 8260B |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/26/2001 | 3608 | <5.0 | dmg | | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|--------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 708605 | SBI002:HMW5S:G092001:523 | | | | | | | | | DATE/TIME TAKEN 09/20/2001 08:05 |
| 1,2-Dichlorobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,3-Dichlorobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,4-Dichlorobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,1-Dichloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,2-Dichloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,1-Dichloroethene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| cis-1,2-Dichloroethene | | 1.6 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| trans-1,2-Dichloroethene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,2-Dichloropropane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,3-Dichloropropane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 2,2-Dichloropropane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,1-Dichloropropene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| cis-1,3-Dichloropropene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| trans-1,3-Dichloropropene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Ethylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Hexachlorobutadiene | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| n-Hexane | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| 2-Hexanone | | <12.5 | | ug/L | 09/26/2001 | | 3608 | <12.5 | dmg | SW 8260B |
| Isopropylbenzene (Cumene) | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| p-Isopropyltoluene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Bromomethane | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| Methylene Chloride | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| Methyl t-butyl ether (MTBE) | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| 4-Methyl-2-pentanone (MIBK) | | <12.5 | | ug/L | 09/26/2001 | | 3608 | <12.5 | dmg | SW 8260B |
| n-Propylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Styrene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|------------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708605 | SBI002:HMW5S:G092001:523 | | | | | | | | | DATE/TIME TAKEN 09/20/2001 08:05 |
| | Naphthalene | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Tetrachloroethene | 1.3 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Trichloroethene | 14.2 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Vinyl Acetate | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | Vinyl Chloride | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Xylenes | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | d4-1,2-Dichloroethane (surr) | 109 | | % | 09/26/2001 | | 3608 | | dmg | SW 8260B |
| | Dibromofluoromethane (surr) | 105 | | % | 09/26/2001 | | 3608 | | dmg | SW 8260B |
| | d8-Toluene (surr) | 97 | | % | 09/26/2001 | | 3608 | | dmg | SW 8260B |
| | Bromofluorobenzene (surr) | 101 | | % | 09/26/2001 | | 3608 | | dmg | SW 8260B |
| | TPH - Method 418.1 (AQ) | <0.2 | | mg/L | 09/28/2001 | 604 | 725 | <0.2 | 260 | EPA 418.1 |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|------------------------|----------|------|-------|------------|-------|-------|-----------|----------|------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708606 | SBI002:SB1:G092001:523 | | | | | | | | | |
| | | | | | 09/27/2001 | 604 | | Complete | 260 | EPA 418.1 |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | | Complete | | | 09/27/2001 | | 3609 | Complete | bmh | |
| Acetone | <20.0 | | | ug/L | 09/27/2001 | | 3609 | <20.0 | bmh | SW 8260B |
| Benzene | <1.0 | | | ug/L | 09/27/2001 | | 3609 | <1.0 | bmh | SW 8260B |
| tert-Butylbenzene | <1.0 | | | ug/L | 09/27/2001 | | 3609 | <1.0 | bmh | SW 8260B |
| sec-Butylbenzene | <1.0 | | | ug/L | 09/27/2001 | | 3609 | <1.0 | bmh | SW 8260B |
| n-Butylbenzene | <1.0 | | | ug/L | 09/27/2001 | | 3609 | <1.0 | bmh | SW 8260B |
| Bromochloromethane | <1.0 | | | ug/L | 09/27/2001 | | 3609 | <1.0 | bmh | SW 8260B |
| Bromodichloromethane | <1.0 | | | ug/L | 09/27/2001 | | 3609 | <1.0 | bmh | SW 8260B |
| Bromoform | <1.0 | | | ug/L | 09/27/2001 | | 3609 | <1.0 | bmh | SW 8260B |
| Bromobenzene | <1.0 | | | ug/L | 09/27/2001 | | 3609 | <1.0 | bmh | SW 8260B |
| 2-Butanone (MEK) | <12.5 | | | ug/L | 09/27/2001 | | 3609 | <12.5 | bmh | SW 8260B |
| Carbon disulfide | <1.0 | | | ug/L | 09/27/2001 | | 3609 | <1.0 | bmh | SW 8260B |
| Carbon tetrachloride | <1.0 | | | ug/L | 09/27/2001 | | 3609 | <1.0 | bmh | SW 8260B |
| Chlorobenzene | <1.0 | | | ug/L | 09/27/2001 | | 3609 | <1.0 | bmh | SW 8260B |
| Chloroethane | <5.0 | | | ug/L | 09/27/2001 | | 3609 | <5.0 | bmh | SW 8260B |
| 2-Chlorotoluene | <1.0 | | | ug/L | 09/27/2001 | | 3609 | <1.0 | bmh | SW 8260B |
| 4-Chlorotoluene | <1.0 | | | ug/L | 09/27/2001 | | 3609 | <1.0 | bmh | SW 8260B |
| Chloroform | <1.0 | | | ug/L | 09/27/2001 | | 3609 | <1.0 | bmh | SW 8260B |
| Chloromethane | <5.0 | | | ug/L | 09/27/2001 | | 3609 | <5.0 | bmh | SW 8260B |
| Dibromochloromethane | <1.0 | | | ug/L | 09/27/2001 | | 3609 | <1.0 | bmh | SW 8260B |
| Dibromomethane | <1.0 | | | ug/L | 09/27/2001 | | 3609 | <1.0 | bmh | SW 8260B |
| Dichlorodifluoromethane | <1.0 | | | ug/L | 09/27/2001 | | 3609 | <1.0 | bmh | SW 8260B |
| 1,2-Dibromo-3-chloropropane | <5.0 | | | ug/L | 09/27/2001 | | 3609 | <5.0 | bmh | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|-----------------------------|------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 708606 | SBI002:SB1:G092001:523 | | | | | | | | | |
| | | | | | | | | | | DATE/TIME TAKEN 09/20/2001 07:30 |
| 1,2-Dichlorobenzene | | <1.0 | | ug/L | 09/27/2001 | 3609 | | <1.0 | bmh | SW 8260B |
| 1,3-Dichlorobenzene | | <1.0 | | ug/L | 09/27/2001 | 3609 | | <1.0 | bmh | SW 8260B |
| 1,4-Dichlorobenzene | | <1.0 | | ug/L | 09/27/2001 | 3609 | | <1.0 | bmh | SW 8260B |
| 1,1-Dichloroethane | | <1.0 | | ug/L | 09/27/2001 | 3609 | | <1.0 | bmh | SW 8260B |
| 1,2-Dichloroethane | | <1.0 | | ug/L | 09/27/2001 | 3609 | | <1.0 | bmh | SW 8260B |
| 1,1-Dichloroethene | | <1.0 | | ug/L | 09/27/2001 | 3609 | | <1.0 | bmh | SW 8260B |
| cis-1,2-Dichloroethene | | <1.0 | | ug/L | 09/27/2001 | 3609 | | <1.0 | bmh | SW 8260B |
| trans-1,2-Dichloroethene | | <1.0 | | ug/L | 09/27/2001 | 3609 | | <1.0 | bmh | SW 8260B |
| 1,2-Dichloropropane | | <1.0 | | ug/L | 09/27/2001 | 3609 | | <1.0 | bmh | SW 8260B |
| 1,3-Dichloropropane | | <1.0 | | ug/L | 09/27/2001 | 3609 | | <1.0 | bmh | SW 8260B |
| 2,2-Dichloropropane | | <1.0 | | ug/L | 09/27/2001 | 3609 | | <1.0 | bmh | SW 8260B |
| 1,1-Dichloropropene | | <1.0 | | ug/L | 09/27/2001 | 3609 | | <1.0 | bmh | SW 8260B |
| cis-1,3-Dichloropropene | | <1.0 | | ug/L | 09/27/2001 | 3609 | | <1.0 | bmh | SW 8260B |
| trans-1,3-Dichloropropene | | <1.0 | | ug/L | 09/27/2001 | 3609 | | <1.0 | bmh | SW 8260B |
| Ethylbenzene | | <1.0 | | ug/L | 09/27/2001 | 3609 | | <1.0 | bmh | SW 8260B |
| Hexachlorobutadiene | | <5.0 | | ug/L | 09/27/2001 | 3609 | | <5.0 | bmh | SW 8260B |
| n-Hexane | | <5.0 | | ug/L | 09/27/2001 | 3609 | | <5.0 | bmh | SW 8260B |
| 2-Hexanone | | <12.5 | | ug/L | 09/27/2001 | 3609 | | <12.5 | bmh | SW 8260B |
| Isopropylbenzene (Cumene) | | <1.0 | | ug/L | 09/27/2001 | 3609 | | <1.0 | bmh | SW 8260B |
| p-Isopropyltoluene | | <1.0 | | ug/L | 09/27/2001 | 3609 | | <1.0 | bmh | SW 8260B |
| Bromomethane | | <5.0 | | ug/L | 09/27/2001 | 3609 | | <5.0 | bmh | SW 8260B |
| Methylene Chloride | | <5.0 | | ug/L | 09/27/2001 | 3609 | | <5.0 | bmh | SW 8260B |
| Methyl t-butyl ether (MTBE) | | <5.0 | | ug/L | 09/27/2001 | 3609 | | <5.0 | bmh | SW 8260B |
| 4-Methyl-2-pentanone (MIBK) | | <12.5 | | ug/L | 09/27/2001 | 3609 | | <12.5 | bmh | SW 8260B |
| n-Propylbenzene | | <1.0 | | ug/L | 09/27/2001 | 3609 | | <1.0 | bmh | SW 8260B |
| Styrene | | <1.0 | | ug/L | 09/27/2001 | 3609 | | <1.0 | bmh | SW 8260B |

TestAmerica, Incorporated

PAGE 54 of 56

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17437

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|------------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708606 | SBI002:SB1:G092001:523 | | | | | | | | | DATE/TIME TAKEN 09/20/2001 07:30 |
| | Naphthalene | <5.0 | | ug/L | 09/27/2001 | | 3609 | <5.0 | bmh | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/27/2001 | | 3609 | <1.0 | bmh | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/27/2001 | | 3609 | <1.0 | bmh | SW 8260B |
| | Tetrachloroethene | <1.0 | | ug/L | 09/27/2001 | | 3609 | <1.0 | bmh | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/27/2001 | | 3609 | <1.0 | bmh | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/27/2001 | | 3609 | <5.0 | bmh | SW 8260B |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/27/2001 | | 3609 | <1.0 | bmh | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/27/2001 | | 3609 | <1.0 | bmh | SW 8260B |
| | Trichloroethene | 7.3 | | ug/L | 09/27/2001 | | 3609 | <1.0 | bmh | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/27/2001 | | 3609 | <1.0 | bmh | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/27/2001 | | 3609 | <5.0 | bmh | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/27/2001 | | 3609 | <1.0 | bmh | SW 8260B |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/27/2001 | | 3609 | <1.0 | bmh | SW 8260B |
| | Vinyl Acetate | <5.0 | | ug/L | 09/27/2001 | | 3609 | <5.0 | bmh | SW 8260B |
| | Vinyl Chloride | <1.0 | | ug/L | 09/27/2001 | | 3609 | <1.0 | bmh | SW 8260B |
| | Xylenes | <1.0 | | ug/L | 09/27/2001 | | 3609 | <1.0 | bmh | SW 8260B |
| | d4-1,2-Dichloroethane (surr) | 109 | | % | 09/27/2001 | | 3609 | | bmh | SW 8260B |
| | Dibromofluoromethane (surr) | 105 | | % | 09/27/2001 | | 3609 | | bmh | SW 8260B |
| | d8-Toluene (surr) | 97 | | % | 09/27/2001 | | 3609 | | bmh | SW 8260B |
| | Bromofluorobenzene (surr) | 100 | | % | 09/27/2001 | | 3609 | | bmh | SW 8260B |
| | TPH - Method 418.1 (AQ) | <0.2 | | mg/L | 09/28/2001 | 604 | 725 | <0.2 | 260 | EPA 418.1 |

QUALITY CONTROL FLAG DEFINITIONS

Job Number: 01.17437

(*) Indicates an out-of-control QC. The analytical data was reported based on other supporting quality control information.

(Note) Indicates to review the notes and comments section of the analytical report as there is additional information concerning this analytical result.

(MS) Indicates that the Matrix Spike (MS) was out of statistical advisory limits.

(MSD) Indicates that the Matrix Spike Duplicate (MSD) was out of statistical advisory limits.

(RPD) Indicates that the Relative Percent Difference (RPD) for the MS/MSD pair was outside of statistical advisory limits.

(SS) Indicates that the MS and MSD were out of statistical advisory limits.

(SSR) Indicates that the MS, MSD and RPD were out of statistical advisory limits.

(MSR) Indicates that the MS and RPD were out of statistical advisory limits.

(MSDR) Indicates that the MSD and RPD were out of statistical advisory limits.

(DL) Indicates that the MS and MSD were diluted out and the percent recoveries of the spikes could not be calculated.

(LS) Indicates that statistical accuracy and precision data is not available for spike concentrations which are $< 1/4$ of the sample amount. Care should be used in interpreting this data.

(J) Indicates estimated concentration due to internal standard areas or surrogate recoveries outside of control limits. A sample matrix effect is usually indicated.

(DW) Indicates Dry Weight.

Analytical Reporting Limits

The reporting limits listed for non-aqueous samples in the analytical report section are Practical Quantitation Limits (PQLs). These PQLs are based upon a typical standard weight used for a non-aqueous sample. The reporting limit for a sample may be different from the PQL listed depending upon the actual weight of sample used, the samples moisture content and any dilutions used during the analysis.

TestAmerica, Incorporated

PAGE 56 of 56

NOTES AND COMMENTS

TestAmerica Job Number: 01.17437

Sample Number: 708598

Analysis: 8270 BNA

Due to elevated levels of non-target compounds, the d12-perylene internal standard was below the recommended response level. No effected target compounds were detected.

1.17439

NO. 5373

CHAIN OF CUSTODY RECORD



Hull & Associates, Inc.

Dublin
 6160 Niccox Road
 Dublin, Ohio 43016
 Phone: (614)385-8777
 FAX: (614)385-9070

Toledo
 3401 Glendale Avenue
 SUITE 300
 Toledo, Ohio 43614
 Phone: (419)385-2018
 FAX: (419)385-5489

Mason
 4700 Duke Drive, Suite 172
 Mason, Ohio 45040
 Phone: (513)459-9677
 FAX: (513)459-9869

Warrensburg Heights
 4949 Galaxy Parkway, Suite S
 Warrensville Heights, Ohio 44128
 Phone: (216)514-7100
 FAX: (216)514-7104

REPORT TO: John Williams

Client: South Bend
 Site: Alea Area
 Project#: SBI007 Phase: OLIST
 Samplers: S. Heath

| PRESERVATIVES | ANALYSES |
|---------------|----------|
| G | G |
| C | C |
| G | B |
| B | A |

SAMPLE TYPES:
 A - Cool only, <4° C
 B - HNO₃ pH<2
 C - H₂SO₄ pH<2
 D - Groundwater
 E - Product
 F - Soil
 G - Water
 H - Others
 I - All samples are kept at 4°C

PRESERVATIVES:
 A - Cool only, <4° C
 B - HNO₃ pH<2
 C - H₂SO₄ pH<2
 D - NaOH pH>12
 E - Zinc acetate + NaOH, pH>9
 F - Na₂S₂O₅ (0.008%)
 G - HCl pH <2

METALS:
 F - FILTERED
 N - NOT FILTERED
 B - BOTH

| PROJECT NO. | SAMPLE LOCATION | SAMPLE TYPE | SAMPLER ID | NO. OF METALS CONT. | SAMPLING DATE/TIME | 418.L.T.O.H | 8015.G.F.O | 510.C | P.B.S | D.R.O | COMMENTS |
|-------------|-----------------|-------------|------------|---------------------|--------------------|-------------|------------|-------|-------|-------|-------------------------------|
| SBI007 | Hmw6D: G09200 | | 523 | 3 | 9-20-01 7:55 | X | X | X | X | X | |
| SBI007 | Hmw6S: G09200 | | 523 | 3 | 9-20-01 8:05 | X | X | X | X | X | |
| SBI007 | Hmw6S: G09200 | | 523 | 7 | 9-20-01 8:15 | X | X | X | X | X | |
| SBI007 | Hmw6S: G09200 | | 523 | 5 | 9-20-01 8:30 | X | X | X | X | X | |
| SBI007 | mw14: G09200 | | 523 | 3 | 9-20-01 8:45 | X | X | X | X | X | |
| SBI007 | Hmw6D: G09200 | | 523 | 3 | 9-20-01 8:50 | X | X | X | X | X | |
| SBI007 | Hmw6S: G09200 | | 523 | 6 | 9-20-01 9:30 | X | X | X | X | X | |
| SBI007 | FBI: G09200 | | 523 | 10 | 9-20-01 9:00 | X | X | X | X | X | |
| SBI007 | FBI: G09200 | | 523 | 10 | 9-20-01 14:00 | X | X | X | X | X | |
| SBI007 | SBI: G09200 | | 523 | 3 | 9-20-01 7:30 | X | X | X | X | X | |
| SBI007 | SBI: G09200 | | 523 | 3 | 9-20-01 7:30 | X | X | X | X | X | |
| SBI007 | Hmw6S: G09200 | | 523 | 7 | 9-20-01 7:40 | X | X | X | X | X | extra sample for matrix spike |

| | | | |
|------------------------------------|---------------|---------------------------------|----------------|
| RELINQUISHED BY: <u>Sam Heath</u> | DATE: 9-20-01 | RECEIVED BY: <u>Matt Young</u> | DATE: 9-20-01 |
| RELINQUISHED BY: <u>Matt Young</u> | TIME: 11-17- | RECEIVED BY: <u>Fed Ex</u> | TIME: 11-17- |
| RELINQUISHED BY: <u>Sam Heath</u> | DATE: 9-20-01 | RECEIVED BY: <u>F. Whitaker</u> | DATE: 9-21-01 |
| RELINQUISHED BY: <u>Sam Heath</u> | TIME: 13-00- | RECEIVED BY: <u>F. Whitaker</u> | TIME: 13-00- |
| RELINQUISHED BY: <u>Sam Heath</u> | DATE: - - - | RECEIVED BY: <u>F. Whitaker</u> | DATE: 9-30-01 |
| RELINQUISHED BY: <u>Sam Heath</u> | TIME: - - - | RECEIVED BY: <u>F. Whitaker</u> | TIME: 9:30-9am |

COOLER TEMPERATURE AS RECEIVED 'C': 4°C

DISTRIBUTION:
 WHITE --LAB USE (MUST BE RETURNED WITH REPORT)
 YELLOW --LAB USE
 PINK --RETAINED BY HM

Deliver To: Rec. Test America
 Method of Delivery: Fed Ex
 Airbill Number: _____
 NOTES: _____

TURN AROUND TIME: 5fd DAYS

SBI002

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/05/2001

Job Number: 01.17928

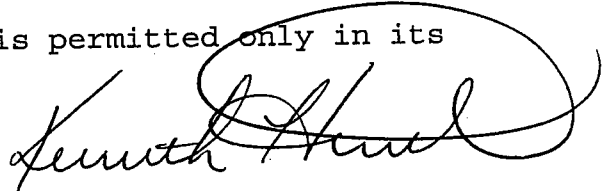
Enclosed is the analytical report for the following samples submitted to the Dayton Division of TestAmerica, Inc. for analysis:

| <u>Sample Number</u> | <u>Sample Description</u> | <u>Date Taken</u> | <u>Date Received</u> |
|----------------------|---------------------------|-------------------|----------------------|
| 710159 | SBI002:HMW10S:G092601:505 | 09/26/2001 | 09/27/2001 |

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Reproduction of this analytical report is permitted only in its entirety.

Enclosure



Approved By

TestAmerica, Incorporated

PAGE 2 of 5

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/05/2001

Job Number: 01.17928

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|------------------------------|----------|------|-------|---------------|--------------|--------------|-----------------|------------------|-----------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 710159 | SBI002:HMW10S:G092601:505 | | | | | | | | | |
| | Prep, Base Neutral | Complete | | | 10/01/2001 | 1281 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| | Prep, Acid Extractable | Complete | | | 10/01/2001 | 1281 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| | BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | |
| | Acenaphthene | <10 | | ug/L | 10/03/2001 | 1281 | 2719 | <10 | jrjw | SW 8270C |
| | Acenaphthylene | <10 | | ug/L | 10/03/2001 | 1281 | 2719 | <10 | jrjw | SW 8270C |
| | Anthracene | <10 | | ug/L | 10/03/2001 | 1281 | 2719 | <10 | jrjw | SW 8270C |
| | Benzo(a)anthracene | <10 | | ug/L | 10/03/2001 | 1281 | 2719 | <10 | jrjw | SW 8270C |
| | Benzo(b)fluoranthene | <10 | | ug/L | 10/03/2001 | 1281 | 2719 | <10 | jrjw | SW 8270C |
| | Benzo(k)fluoranthene | <10 | | ug/L | 10/03/2001 | 1281 | 2719 | <10 | jrjw | SW 8270C |
| | Benzo(a)pyrene | <10 | | ug/L | 10/03/2001 | 1281 | 2719 | <10 | jrjw | SW 8270C |
| | Benzyl alcohol | <10 | | ug/L | 10/03/2001 | 1281 | 2719 | <10 | jrjw | SW 8270C |
| | Benzyl butyl phthalate | <10 | | ug/L | 10/03/2001 | 1281 | 2719 | <10 | jrjw | SW 8270C |
| | bis(2-Chloroethyl)ether | <10 | | ug/L | 10/03/2001 | 1281 | 2719 | <10 | jrjw | SW 8270C |
| | bis(2-Chloroethoxy)methane | <10 | | ug/L | 10/03/2001 | 1281 | 2719 | <10 | jrjw | SW 8270C |
| | bis(2-Ethylhexyl)phthalate | <10 | | ug/L | 10/03/2001 | 1281 | 2719 | <10 | jrjw | SW 8270C |
| | 2,2'-oxybis(1-Chloropropane) | <10 | | ug/L | 10/03/2001 | 1281 | 2719 | <10 | jrjw | SW 8270C |
| | 4-Bromophenyl phenyl ether | <10 | | ug/L | 10/03/2001 | 1281 | 2719 | <10 | jrjw | SW 8270C |
| | 4-Chloroaniline | <10 | | ug/L | 10/03/2001 | 1281 | 2719 | <10 | jrjw | SW 8270C |
| | 2-Chloronaphthalene | <10 | | ug/L | 10/03/2001 | 1281 | 2719 | <10 | jrjw | SW 8270C |
| | Chrysene | <10 | | ug/L | 10/03/2001 | 1281 | 2719 | <10 | jrjw | SW 8270C |
| | Dibenzo(a,h)anthracene | <10 | | ug/L | 10/03/2001 | 1281 | 2719 | <10 | jrjw | SW 8270C |
| | Dibenzofuran | <10 | | ug/L | 10/03/2001 | 1281 | 2719 | <10 | jrjw | SW 8270C |
| | 1,2-Dichlorobenzene | <10 | | ug/L | 10/03/2001 | 1281 | 2719 | <10 | jrjw | SW 8270C |
| | 1,3-Dichlorobenzene | <10 | | ug/L | 10/03/2001 | 1281 | 2719 | <10 | jrjw | SW 8270C |
| | 1,4-Dichlorobenzene | <10 | | ug/L | 10/03/2001 | 1281 | 2719 | <10 | jrjw | SW 8270C |

QUALITY CONTROL FLAG DEFINITIONS

Job Number: 01.17928

(*) Indicates an out-of-control QC. The analytical data was reported based on other supporting quality control information.

(Note) Indicates to review the notes and comments section of the analytical report as there is additional information concerning this analytical result.

(MS) Indicates that the Matrix Spike (MS) was out of statistical advisory limits.

(MSD) Indicates that the Matrix Spike Duplicate (MSD) was out of statistical advisory limits.

(RPD) Indicates that the Relative Percent Difference (RPD) for the MS/MSD pair was outside of statistical advisory limits.

(SS) Indicates that the MS and MSD were out of statistical advisory limits.

(SSR) Indicates that the MS, MSD and RPD were out of statistical advisory limits.

(MSR) Indicates that the MS and RPD were out of statistical advisory limits.

(MSDR) Indicates that the MSD and RPD were out of statistical advisory limits.

(DL) Indicates that the MS and MSD were diluted out and the percent recoveries of the spikes could not be calculated.

(LS) Indicates that statistical accuracy and precision data is not available for spike concentrations which are $< 1/4$ of the sample amount. Care should be used in interpreting this data.

(J) Indicates estimated concentration due to internal standard areas or surrogate recoveries outside of control limits. A sample matrix effect is usually indicated.

(DW) Indicates Dry Weight.

Analytical Reporting Limits

The reporting limits listed for non-aqueous samples in the analytical report section are Practical Quantitation Limits (PQLs). These PQLs are based upon a typical standard weight used for a non-aqueous sample. The reporting limit for a sample may be different from the PQL listed depending upon the actual weight of sample used, the samples moisture content and any dilutions used during the analysis.



Hull & Associates, Inc.

Dublin
 6130 Wilcox Road
 Dublin, Ohio 43016
 Phone: (614)385-8777
 FAX: (614)385-9070

Toledo
 3401 Glendale Avenue
 SUITE 300
 Toledo, Ohio 43614
 Phone: (419)385-2018
 FAX: (419)385-5489

Mason
 4700 Duke Drive, Suite 172
 Mason, Ohio 45040
 Phone: (513)459-9677
 FAX: (513)459-9869

Warrensville Heights
 4949 Colony Parkway, Suite S
 Warrensville Heights, Ohio 44128
 Phone: (216)514-7100
 FAX: (216)514-7104

REPORT TO: KEVIN WILDMAN

Client: SOUTH BEND
 Site: ARLEA IA
 Project#: SBI002 Phase: 01.TST
 Samplers: MATT YOUNG

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

NO. 5357

01.17.02

| PROJECT NO. | SAMPLE LOCATION | SAMPLE TYPE | SAMPLER ID | NO. OF METALS CONT. | SAMPLING DATE/TIME | COMMENTS | PRESERVATIVES | | ANALYSES |
|-------------|-----------------|-------------|------------|---------------------|--------------------|----------|---------------|---|----------|
| | | | | | | | A | B | |
| SBI002 | HMW105 | G-092601 | SP5 | 2 | 9-26-01 13:30 | | | | |
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SAMPLE TYPES
 A - ASPHALT
 B - SEDIMENT
 C - GROUNDWATER
 D - PRODUCT
 E - SOIL
 F - WATER
 G - OTHERS
 H - ALL samples are kept at 4°C

PRESERVATIVES
 A - Cool only, <4°C
 B - HNO₃ pH<2
 C - H₂SO₄ pH<2
 D - NaOH pH>12
 E - Zincacetate + NaOH, pH>9
 F - Na₂S₂O₅ (0.008%)
 G - HCl, pH <2

METALS
 F - FILTERED
 N - NOT FILTERED
 B - BOTH

REQUISITIONED BY: Matt Young DATE: 9-26-01
 TIME: 17:00

RELINQUISHED BY: _____ DATE: _____
 TIME: _____

RELINQUISHED BY: _____ DATE: _____
 TIME: _____

COOLER TEMPERATURE AS RECEIVED °C: 5

RECEIVED BY: Fed Ex DATE: 9-26-01
 TIME: 17:00

RECEIVED BY: _____ DATE: _____
 TIME: _____

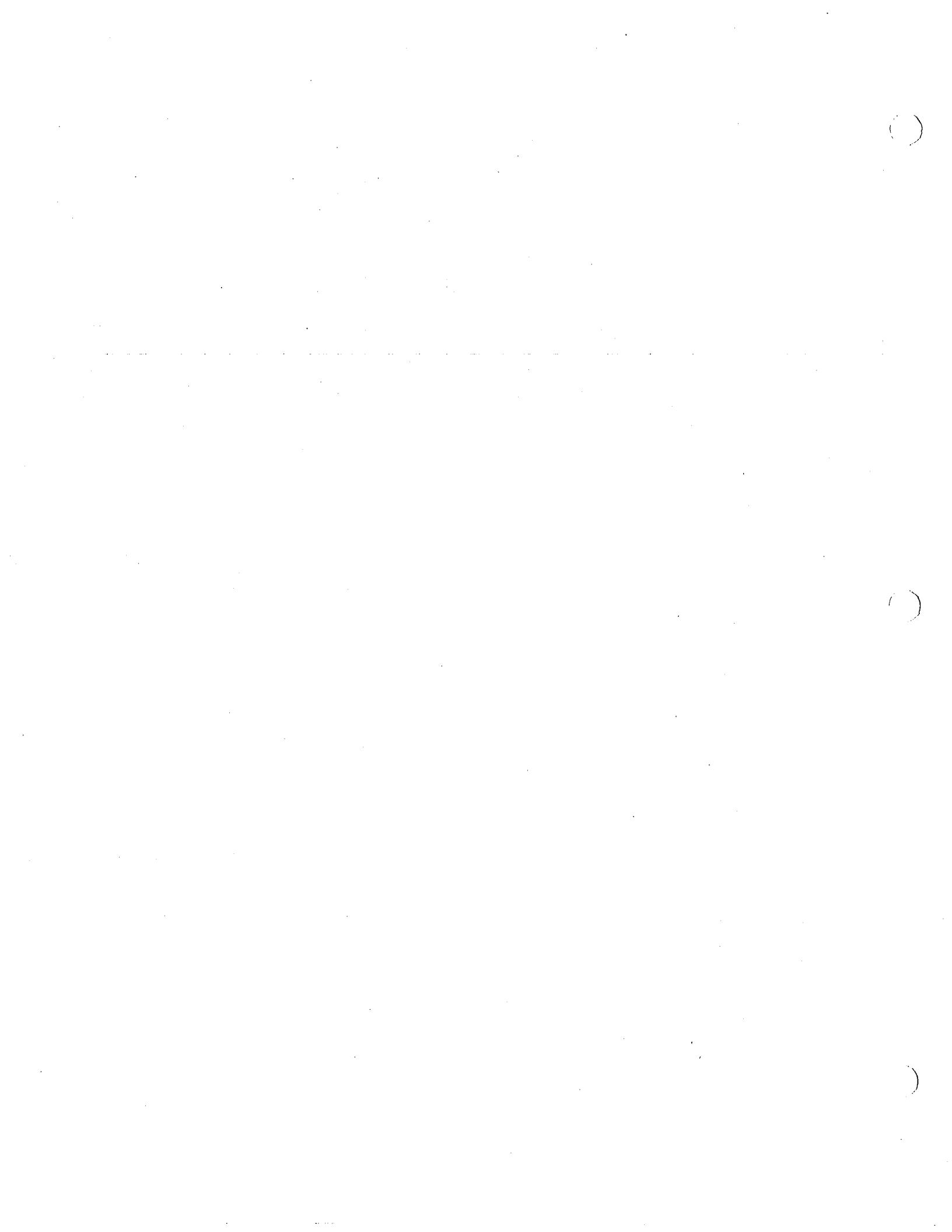
RECEIVED FOR LAB BY: Robi Jank DATE: 9-27-01
 TIME: 11:30

DISTRIBUTION:
 WHITE --LAB USE (MUST BE RETURNED WITH REPORT)
 YELLOW --LAB USE
 PINK --RETAINED BY IAW

Deliver To: Rec. Test America
 Method of Delivery: Fed Ex
 Airbill Number: _____

NOTES: Resample 05 HMW105

TURN AROUND TIME: 48 DAYS



APPENDIX E

Laboratory Reports and Chain of Custody Forms for Groundwater Samples

)

)

)

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin; OH 43016

10/12/2001

Job Number: 01.16930

Enclosed is the analytical report for the following samples submitted to the Dayton Division of TestAmerica, Inc. for analysis:

| <u>Sample Number</u> | <u>Sample Description</u> | <u>Date Taken</u> | <u>Date Received</u> |
|----------------------|---------------------------|-------------------|----------------------|
| 706767 | SBI002:HMW29D:G091401:505 | 09/14/2001 | 09/14/2001 |
| 706768 | SBI002:HMW29I:G091401:505 | 09/14/2001 | 09/14/2001 |
| 706769 | SBI002:HMW28S:G091401:505 | 09/14/2001 | 09/14/2001 |
| 706770 | SBI002:HMW32D:G091401:505 | 09/14/2001 | 09/14/2001 |
| 706771 | SBI002:TB1:091401 | 09/14/2001 | 09/14/2001 |
| 706772 | SBI002:HMW30D:G091401:505 | 09/14/2001 | 09/14/2001 |
| 706773 | SBI002:HMW30I:G091401:505 | 09/14/2001 | 09/14/2001 |
| 706774 | SBI002:HMW32I:G091401:505 | 09/14/2001 | 09/14/2001 |
| 706775 | SBI002:HMW28D:G091401:505 | 09/14/2001 | 09/14/2001 |

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Reproduction of this analytical report is permitted only in its entirety.

Enclosure


Approved By

TestAmerica, Incorporated

PAGE 2 of 54

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|--------------------------------|---------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 706767 | SBI002:HMW29D:G091401:505 | | | | | | | | | DATE/TIME TAKEN 09/14/2001 08:15 |
| ICPMS TOTAL METALS | Complete | | | | 09/26/2001 | | 2562 | Complete | ekh | SW 6020 |
| Arsenic, ICPMS | <0.0050 | mg/L | | | 09/26/2001 | 1844 | 3686 | <0.0050 | ekh | SW 6020 |
| Barium, ICPMS | 0.0483 | mg/L | | | 09/26/2001 | 1844 | 3894 | <0.0050 | ekh | SW 6020 |
| Cadmium, ICPMS | <0.0010 | mg/L | | | 09/26/2001 | 1844 | 3565 | <0.0010 | ekh | SW 6020 |
| Chromium, ICPMS (0.005) | <0.0050 | mg/L | | | 09/26/2001 | 1844 | 3965 | <0.0050 | ekh | SW 6020 |
| Lead, ICPMS | 0.0022 | mg/L | | | 09/26/2001 | 1844 | 3643 | <0.0010 | ekh | SW 6020 |
| Mercury, CVAA | <0.0002 | mg/L | | | 09/25/2001 | 1413 | 1359 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | <0.0050 | mg/L | | | 09/22/2001 | 746 | 575 | <0.0050 | jad | SW 7740 |
| Silver, ICPMS | <0.0005 | mg/L | | | 09/26/2001 | 1844 | 3901 | <0.0005 | ekh | SW 6020 |
| Metals Digestion, ICPMS | Complete | | | | 09/25/2001 | 1844 | | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | Complete | | | | 09/18/2001 | 746 | | Complete | mrt | SW 3020A |
| Manual Mercury Digestion | Complete | | | | 09/24/2001 | 1413 | | Complete | epk | SW 7470A |
| Prep, Base Neutral | Complete | | | | 09/17/2001 | 1272 | | Complete | lmc | EPA 625 ; SW 3510C ; SW 352 |
| Prep, Acid Extractable | Complete | | | | 09/17/2001 | 1272 | | Complete | lmc | EPA 625 ; SW 3510C ; SW 352 |
| Prep, TPH - 418.1 aq | Complete | | | | 09/25/2001 | 601 | | Complete | sub | EPA 418.1 |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | Complete | | | | 09/21/2001 | | 3589 | Complete | eap | |
| Acetone | <20.0 | ug/L | | | 09/21/2001 | | 3589 | <20.0 | eap | SW 8260B |
| Benzene | <1.0 | ug/L | | | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| tert-Butylbenzene | <1.0 | ug/L | | | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| sec-Butylbenzene | <1.0 | ug/L | | | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| n-Butylbenzene | <1.0 | ug/L | | | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| Bromochloromethane | <1.0 | ug/L | | | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| Bromodichloromethane | <1.0 | ug/L | | | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| Bromoform | <1.0 | ug/L | | | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 706767 | SBI002:HMW29D:G091401:505 | | | | | | | | | DATE/TIME TAKEN 09/14/2001 08:15 |
| | Bromobenzene | <1.0 | | ug/L | 09/21/2001 | 3589 | 3589 | <1.0 | eap | SW 8260B |
| | 2-Butanone (MEK) | <12.5 | | ug/L | 09/21/2001 | 3589 | 3589 | <12.5 | eap | SW 8260B |
| | Carbon disulfide | <1.0 | | ug/L | 09/21/2001 | 3589 | 3589 | <1.0 | eap | SW 8260B |
| | Carbon tetrachloride | <1.0 | | ug/L | 09/21/2001 | 3589 | 3589 | <1.0 | eap | SW 8260B |
| | Chlorobenzene | <1.0 | | ug/L | 09/21/2001 | 3589 | 3589 | <1.0 | eap | SW 8260B |
| | Chloroethane | <5.0 | | ug/L | 09/21/2001 | 3589 | 3589 | <5.0 | eap | SW 8260B |
| | 2-Chlorotoluene | <1.0 | | ug/L | 09/21/2001 | 3589 | 3589 | <1.0 | eap | SW 8260B |
| | 4-Chlorotoluene | <1.0 | | ug/L | 09/21/2001 | 3589 | 3589 | <1.0 | eap | SW 8260B |
| | Chloroform | <1.0 | | ug/L | 09/21/2001 | 3589 | 3589 | <1.0 | eap | SW 8260B |
| | Chloromethane | <5.0 | | ug/L | 09/21/2001 | 3589 | 3589 | <5.0 | eap | SW 8260B |
| | Dibromochloromethane | <1.0 | | ug/L | 09/21/2001 | 3589 | 3589 | <1.0 | eap | SW 8260B |
| | Dibromomethane | <1.0 | | ug/L | 09/21/2001 | 3589 | 3589 | <1.0 | eap | SW 8260B |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/21/2001 | 3589 | 3589 | <1.0 | eap | SW 8260B |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/21/2001 | 3589 | 3589 | <5.0 | eap | SW 8260B |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/21/2001 | 3589 | 3589 | <1.0 | eap | SW 8260B |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/21/2001 | 3589 | 3589 | <1.0 | eap | SW 8260B |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/21/2001 | 3589 | 3589 | <1.0 | eap | SW 8260B |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/21/2001 | 3589 | 3589 | <1.0 | eap | SW 8260B |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/21/2001 | 3589 | 3589 | <1.0 | eap | SW 8260B |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/21/2001 | 3589 | 3589 | <1.0 | eap | SW 8260B |
| | cis-1,2-Dichloroethene | 3.7 | | ug/L | 09/21/2001 | 3589 | 3589 | <1.0 | eap | SW 8260B |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/21/2001 | 3589 | 3589 | <1.0 | eap | SW 8260B |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/21/2001 | 3589 | 3589 | <1.0 | eap | SW 8260B |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/21/2001 | 3589 | 3589 | <1.0 | eap | SW 8260B |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/21/2001 | 3589 | 3589 | <1.0 | eap | SW 8260B |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/21/2001 | 3589 | 3589 | <1.0 | eap | SW 8260B |

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 706767 | SBI002:HMW29D:G091401:505 | | | | | | | | | | 09/14/2001 08:15 |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B | |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B | |
| | Ethylbenzene | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B | |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/21/2001 | | 3589 | <5.0 | eap | SW 8260B | |
| | n-Hexane | <5.0 | | ug/L | 09/21/2001 | | 3589 | <5.0 | eap | SW 8260B | |
| | 2-Hexanone | <12.5 | | ug/L | 09/21/2001 | | 3589 | <12.5 | eap | SW 8260B | |
| | Isopropylbenzene (Cumene) | 2.8 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B | |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B | |
| | Bromomethane | <5.0 | | ug/L | 09/21/2001 | | 3589 | <5.0 | eap | SW 8260B | |
| | Methylene Chloride | <5.0 | | ug/L | 09/21/2001 | | 3589 | <5.0 | eap | SW 8260B | |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/21/2001 | | 3589 | <5.0 | eap | SW 8260B | |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/21/2001 | | 3589 | <12.5 | eap | SW 8260B | |
| | n-Propylbenzene | 3.4 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B | |
| | Styrene | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B | |
| | Naphthalene | <5.0 | | ug/L | 09/21/2001 | | 3589 | <5.0 | eap | SW 8260B | |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B | |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B | |
| | Tetrachloroethene | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B | |
| | Toluene | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B | |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/21/2001 | | 3589 | <5.0 | eap | SW 8260B | |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B | |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B | |
| | Trichloroethene | 10.5 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B | |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B | |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/21/2001 | | 3589 | <5.0 | eap | SW 8260B | |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B | |

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ANALYTICAL REPORT

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 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------------------------|---------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 706767 | SBI002:HMW29D:G091401:505 | | | | | | | | | 09/14/2001 08:15 |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| Vinyl Acetate | | <5.0 | | ug/L | 09/21/2001 | | 3589 | <5.0 | eap | SW 8260B |
| Vinyl Chloride | | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| Xylenes | | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| d4-1,2-Dichloroethane (surr) | | 94 | | % | 09/21/2001 | | 3589 | | eap | SW 8260B |
| Dibromofluoromethane (surr) | | 98 | | % | 09/21/2001 | | 3589 | | eap | SW 8260B |
| d8-Toluene (surr) | | 98 | | % | 09/21/2001 | | 3589 | | eap | SW 8260B |
| Bromofluorobenzene (surr) | | 102 | | % | 09/21/2001 | | 3589 | | eap | SW 8260B |
| BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | | |
| Acenaphthene | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| Acenaphthylene | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| Anthracene | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| Benzo(a)anthracene | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| Benzo(b)fluoranthene | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| Benzo(k)fluoranthene | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| Benzo(a)pyrene | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| Benzyl alcohol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| Benzyl butyl phthalate | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| bis(2-Chloroethyl) ether | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| bis(2-Chloroethoxy)methane | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| bis(2-Ethylhexyl)phthalate | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| 4-Bromophenyl phenyl ether | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| 4-Chloroaniline | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| 2-Chloronaphthalene | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |

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Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method | Reference |
|------------|---------------------------|--------|------|-------|------------|-------|-------|-----------|----------|--------|-----------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | | |
| 706767 | SBI002:HMW29D:G091401:505 | | | | | | | | | | |
| | | | | | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW | 8270C |
| | Chrysene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW | 8270C |
| | Dibenzo(a,h)anthracene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW | 8270C |
| | Dibenzofuran | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW | 8270C |
| | 1,2-Dichlorobenzene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW | 8270C |
| | 1,3-Dichlorobenzene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW | 8270C |
| | 1,4-Dichlorobenzene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW | 8270C |
| | 3,3'-Dichlorobenzidine | <50 | | ug/L | 09/20/2001 | 1272 | 2701 | <50 | jrjw | SW | 8270C |
| | Diethyl phthalate | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW | 8270C |
| | Dimethyl phthalate | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW | 8270C |
| | 2,4-Dinitrotoluene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW | 8270C |
| | 2,6-Dinitrotoluene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW | 8270C |
| | Di-n-octylphthalate | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW | 8270C |
| | Fluoranthene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW | 8270C |
| | Fluorene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW | 8270C |
| | Hexachlorobenzene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW | 8270C |
| | Hexachloro-1,3-butadiene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW | 8270C |
| | Hexachlorocyclopentadiene | <20 | | ug/L | 09/20/2001 | 1272 | 2701 | <20 | jrjw | SW | 8270C |
| | Hexachloroethane | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW | 8270C |
| | Indeno(1,2,3-cd)pyrene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW | 8270C |
| | Isophorone | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW | 8270C |
| | Naphthalene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW | 8270C |
| | Nitrobenzene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW | 8270C |
| | N-Nitrosodi-n-propylamine | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW | 8270C |
| | Phenanthrene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW | 8270C |
| | Pyrene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW | 8270C |
| | 1,2,4-Trichlorobenzene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW | 8270C |

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ANALYTICAL REPORT

Kevin Wildman
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 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|---------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | | Initials | |
| | | | | | | | | Limit | | |
| 706767 | SBI002:HMW29D:G091401:505 | | | | | | | | | DATE/TIME TAKEN 09/14/2001 08:15 |
| Surrogate: d5-Nitrobenzene | | 88 | | % | 09/20/2001 | 1272 | 2701 | | jrw | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 87 | | % | 09/20/2001 | 1272 | 2701 | | jrw | SW 8270C |
| Surrogate: d14-Terphenyl | | 43 | | % | 09/20/2001 | 1272 | 2701 | | jrw | SW 8270C |
| ACID COMPOUNDS (AQ) 8270 | | | | | | | | | | |
| Benzoic acid | | <50 | | ug/L | 09/20/2001 | 1272 | 2701 | <50 | jrw | SW 8270C |
| 4-Chloro-3-methylphenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrw | SW 8270C |
| 2-Chlorophenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrw | SW 8270C |
| 2,4-Dichlorophenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrw | SW 8270C |
| 2,4-Dimethylphenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrw | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrw | SW 8270C |
| 2-Methylphenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrw | SW 8270C |
| meta & para-Methylphenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrw | SW 8270C |
| 2-Nitrophenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrw | SW 8270C |
| Pentachlorophenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrw | SW 8270C |
| Phenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrw | SW 8270C |
| 2,4,5-Trichlorophenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrw | SW 8270C |
| 2,4,6-Trichlorophenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrw | SW 8270C |
| Surrogate: d6-Phenol | | 70 | | % | 09/20/2001 | 1272 | 2701 | | jrw | SW 8270C |
| Surrogate: 2-Fluorophenol | | 69 | | % | 09/20/2001 | 1272 | 2701 | | jrw | SW 8270C |
| Surrogate: Tribromophenol | | 61 | | % | 09/20/2001 | 1272 | 2701 | | jrw | SW 8270C |
| TPH - Method 418.1 (AQ) | | 7.5 | | mg/L | 09/26/2001 | 601 | 721 | <0.2 | sub | EPA 418.1 |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|---------------------------|--------|------|-------|------------|--------------|--------------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch Number | Batch Number | Limit | Initials | |
| 706768 | SBI002:HMW29I:G091401:505 | | | | | | | | | DATE/TIME TAKEN 09/14/2001 08:30 |
| ICPMS TOTAL METALS | Complete | | | | 09/26/2001 | | 2562 | Complete | ekh | SW 6020 |
| Arsenic, ICPMS | 0.0115 | mg/L | | | 09/26/2001 | 1844 | 3686 | <0.0050 | ekh | SW 6020 |
| Barium, ICPMS | 0.0585 | mg/L | | | 09/26/2001 | 1844 | 3894 | <0.0050 | ekh | SW 6020 |
| Cadmium, ICPMS | <0.0010 | mg/L | | | 09/26/2001 | 1844 | 3565 | <0.0010 | ekh | SW 6020 |
| Chromium, ICPMS (0.005) | <0.0050 | mg/L | | | 09/26/2001 | 1844 | 3965 | <0.0050 | ekh | SW 6020 |
| Lead, ICPMS | 0.0208 | mg/L | | | 09/26/2001 | 1844 | 3643 | <0.0010 | ekh | SW 6020 |
| Mercury, CVAA | <0.0002 | mg/L | | | 09/25/2001 | 1413 | 1359 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | <0.0050 | mg/L | | | 09/22/2001 | 746 | 575 | <0.0050 | jad | SW 7740 |
| Silver, ICPMS | <0.0005 | mg/L | | | 09/26/2001 | 1844 | 3901 | <0.0005 | ekh | SW 6020 |
| Metals Digestion, ICPMS | Complete | | | | 09/25/2001 | 1844 | | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | Complete | | | | 09/18/2001 | 746 | | Complete | mrt | SW 3020A |
| Manual Mercury Digestion | Complete | | | | 09/24/2001 | 1413 | | Complete | epk | SW 7470A |
| Prep, Base Neutral | Complete | | | | 09/17/2001 | 1272 | | Complete | lmc | EPA 625 ; SW 3510C ; SW 352 |
| Prep, Acid Extractable | Complete | | | | 09/17/2001 | 1272 | | Complete | lmc | EPA 625 ; SW 3510C ; SW 352 |
| Prep, TPH - 418.1 aq | Complete | | | | 09/25/2001 | 601 | | Complete | sub | EPA 418.1 |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | Complete | | | | 09/21/2001 | | 3589 | Complete | eap | |
| Acetone | <20.0 | ug/L | | | 09/21/2001 | | 3589 | <20.0 | eap | SW 8260B |
| Benzene | <1.0 | ug/L | | | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| tert-Butylbenzene | <1.0 | ug/L | | | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| sec-Butylbenzene | 1.8 | ug/L | | | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| n-Butylbenzene | <1.0 | ug/L | | | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| Bromochloromethane | <1.0 | ug/L | | | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| Bromodichloromethane | <1.0 | ug/L | | | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| Bromoform | <1.0 | ug/L | | | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 706768 | SBI002:HMW29I:G091401:505 | | | | | | | | | DATE/TIME TAKEN 09/14/2001 08:30 |
| | Bromobenzene | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | 2-Butanone (MEK) | <12.5 | | ug/L | 09/21/2001 | | 3589 | <12.5 | eap | SW 8260B |
| | Carbon disulfide | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | Carbon tetrachloride | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | Chlorobenzene | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | Chloroethane | <5.0 | | ug/L | 09/21/2001 | | 3589 | <5.0 | eap | SW 8260B |
| | 2-Chlorotoluene | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | 4-Chlorotoluene | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | Chloroform | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | Chloromethane | <5.0 | | ug/L | 09/21/2001 | | 3589 | <5.0 | eap | SW 8260B |
| | Dibromochloromethane | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | Dibromomethane | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/21/2001 | | 3589 | <5.0 | eap | SW 8260B |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | cis-1,2-Dichloroethene | 2.3 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 706768 | SBI002:HMW29I:G091401:505 | | | | | | | | | DATE/TIME TAKEN 09/14/2001 08:30 |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/21/2001 | | 3589 | <5.0 | eap | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 09/21/2001 | | 3589 | <5.0 | eap | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/21/2001 | | 3589 | <12.5 | eap | SW 8260B |
| | Isopropylbenzene (Cumene) | 1.8 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/21/2001 | | 3589 | <5.0 | eap | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/21/2001 | | 3589 | <5.0 | eap | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/21/2001 | | 3589 | <5.0 | eap | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/21/2001 | | 3589 | <12.5 | eap | SW 8260B |
| | n-Propylbenzene | 2.1 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/21/2001 | | 3589 | <5.0 | eap | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | Tetrachloroethene | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/21/2001 | | 3589 | <5.0 | eap | SW 8260B |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | Trichloroethene | 13.9 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/21/2001 | | 3589 | <5.0 | eap | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------------------------|---------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 706768 | SBI002:HMW29I:G091401:505 | | | | | | | | | DATE/TIME TAKEN 09/14/2001 08:30 |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| Vinyl Acetate | | <5.0 | | ug/L | 09/21/2001 | | 3589 | <5.0 | eap | SW 8260B |
| Vinyl Chloride | | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| Xylenes | | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| d4-1,2-Dichloroethane (surr) | | 95 | | % | 09/21/2001 | | 3589 | | eap | SW 8260B |
| Dibromofluoromethane (surr) | | 97 | | % | 09/21/2001 | | 3589 | | eap | SW 8260B |
| d8-Toluene (surr) | | 97 | | % | 09/21/2001 | | 3589 | | eap | SW 8260B |
| Bromofluorobenzene (surr) | | 100 | | % | 09/21/2001 | | 3589 | | eap | SW 8260B |
| BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | | |
| Acenaphthene | | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrjw | SW 8270C |
| Acenaphthylene | | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrjw | SW 8270C |
| Anthracene | | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrjw | SW 8270C |
| Benzo(a)anthracene | | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrjw | SW 8270C |
| Benzo(b)fluoranthene | | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrjw | SW 8270C |
| Benzo(k)fluoranthene | | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrjw | SW 8270C |
| Benzo(a)pyrene | | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrjw | SW 8270C |
| Benzyl alcohol | | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrjw | SW 8270C |
| Benzyl butyl phthalate | | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrjw | SW 8270C |
| bis(2-Chloroethyl)ether | | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrjw | SW 8270C |
| bis(2-Chloroethoxy)methane | | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrjw | SW 8270C |
| bis(2-Ethylhexyl)phthalate | | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrjw | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrjw | SW 8270C |
| 4-Bromophenyl phenyl ether | | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrjw | SW 8270C |
| 4-Chloroaniline | | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrjw | SW 8270C |
| 2-Chloronaphthalene | | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrjw | SW 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|---------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 706768 | SBI002:HMW29I:G091401:505 | | | | | | | | | DATE/TIME TAKEN 09/14/2001 08:30 |
| | Chrysene | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrw | SW 8270C |
| | Dibenzo (a, h) anthracene | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrw | SW 8270C |
| | Dibenzofuran | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrw | SW 8270C |
| | 1,2-Dichlorobenzene | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrw | SW 8270C |
| | 1,3-Dichlorobenzene | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrw | SW 8270C |
| | 1,4-Dichlorobenzene | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrw | SW 8270C |
| | 3,3'-Dichlorobenzidine | <50 | | ug/L | 09/21/2001 | 1272 | 2699 | <50 | jrw | SW 8270C |
| | Diethyl phthalate | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrw | SW 8270C |
| | Dimethyl phthalate | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrw | SW 8270C |
| | 2,4-Dinitrotoluene | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrw | SW 8270C |
| | 2,6-Dinitrotoluene | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrw | SW 8270C |
| | Di-n-octylphthalate | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrw | SW 8270C |
| | Fluoranthene | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrw | SW 8270C |
| | Fluorene | 18 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrw | SW 8270C |
| | Hexachlorobenzene | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrw | SW 8270C |
| | Hexachloro-1,3-butadiene | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrw | SW 8270C |
| | Hexachlorocyclopentadiene | <20 | | ug/L | 09/21/2001 | 1272 | 2699 | <20 | jrw | SW 8270C |
| | Hexachloroethane | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrw | SW 8270C |
| | Indeno(1,2,3-cd)pyrene | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrw | SW 8270C |
| | Isophorone | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrw | SW 8270C |
| | Naphthalene | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrw | SW 8270C |
| | Nitrobenzene | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrw | SW 8270C |
| | N-Nitrosodi-n-propylamine | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrw | SW 8270C |
| | Phenanthrene | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrw | SW 8270C |
| | Pyrene | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrw | SW 8270C |
| | 1,2,4-Trichlorobenzene | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrw | SW 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|---------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 706768 | SBI002:HMW29I:G091401:505 | | | | | | | | | DATE/TIME TAKEN 09/14/2001 08:30 |
| Surrogate: d5-Nitrobenzene | | 96 | | † | 09/21/2001 | 1272 | 2699 | | jrjw | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 81 | | † | 09/21/2001 | 1272 | 2699 | | jrjw | SW 8270C |
| Surrogate: d14-Terphenyl | | 53 | | † | 09/21/2001 | 1272 | 2699 | | jrjw | SW 8270C |
| ACID COMPOUNDS (AQ) 8270 | | | | | | | | | | |
| Benzoic acid | | <50 | | ug/L | 09/21/2001 | 1272 | 2699 | <50 | jrjw | SW 8270C |
| 4-Chloro-3-methylphenol | | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrjw | SW 8270C |
| 2-Chlorophenol | | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrjw | SW 8270C |
| 2,4-Dichlorophenol | | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrjw | SW 8270C |
| 2,4-Dimethylphenol | | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrjw | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrjw | SW 8270C |
| 2-Methylphenol | | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrjw | SW 8270C |
| meta & para-Methylphenol | | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrjw | SW 8270C |
| 2-Nitrophenol | | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrjw | SW 8270C |
| Pentachlorophenol | | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrjw | SW 8270C |
| Phenol | | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrjw | SW 8270C |
| 2,4,5-Trichlorophenol | | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrjw | SW 8270C |
| 2,4,6-Trichlorophenol | | <10 | | ug/L | 09/21/2001 | 1272 | 2699 | <10 | jrjw | SW 8270C |
| Surrogate: d6-Phenol | | 65 | | † | 09/21/2001 | 1272 | 2699 | | jrjw | SW 8270C |
| Surrogate: 2-Fluorophenol | | 63 | | † | 09/21/2001 | 1272 | 2699 | | jrjw | SW 8270C |
| Surrogate: Tribromophenol | | 68 | note | † | 09/21/2001 | 1272 | 2699 | | jrjw | SW 8270C |
| TPH - Method 418.1 (AQ) | | 3.6 | | mg/L | 09/26/2001 | 601 | 721 | <0.2 | sub | EPA 418.1 |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|---------------------------|--------|------|-------|------------|--------------|--------------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch Number | Batch Number | Limit | Initials | |
| 706769 | SBI002:HMW28S:G091401:505 | | | | | | | | | DATE/TIME TAKEN 09/14/2001 08:50 |
| ICPMS TOTAL METALS | Complete | | | | 09/26/2001 | | 2562 | Complete | ekh | SW 6020 |
| Arsenic, ICPMS | <0.0050 | mg/L | | | 09/26/2001 | 1844 | 3686 | <0.0050 | ekh | SW 6020 |
| Barium, ICPMS | 0.0725 | mg/L | | | 09/26/2001 | 1844 | 3894 | <0.0050 | ekh | SW 6020 |
| Cadmium, ICPMS | <0.0010 | mg/L | | | 09/26/2001 | 1844 | 3565 | <0.0010 | ekh | SW 6020 |
| Chromium, ICPMS (0.005) | <0.0050 | mg/L | | | 09/26/2001 | 1844 | 3965 | <0.0050 | ekh | SW 6020 |
| Lead, ICPMS | <0.0010 | mg/L | | | 09/26/2001 | 1844 | 3643 | <0.0010 | ekh | SW 6020 |
| Mercury, CVAA | <0.0002 | mg/L | | | 09/25/2001 | 1413 | 1359 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | <0.0050 | mg/L | | | 09/22/2001 | 746 | 575 | <0.0050 | jad | SW 7740 |
| Silver, ICPMS | <0.0005 | mg/L | | | 09/26/2001 | 1844 | 3901 | <0.0005 | ekh | SW 6020 |
| Metals Digestion, ICPMS | Complete | | | | 09/25/2001 | 1844 | | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | Complete | | | | 09/18/2001 | 746 | | Complete | mrt | SW 3020A |
| Manual Mercury Digestion | Complete | | | | 09/24/2001 | 1413 | | Complete | epk | SW 7470A |
| Prep, Base Neutral | Complete | | | | 09/17/2001 | 1272 | | Complete | lmc | EPA 625 ; SW 3510C ; SW 352 |
| Prep, Acid Extractable | Complete | | | | 09/17/2001 | 1272 | | Complete | lmc | EPA 625 ; SW 3510C ; SW 352 |
| Prep, TPH - 418.1 aq | Complete | | | | 09/25/2001 | 601 | | Complete | sub | EPA 418.1 |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | Complete | | | | 09/21/2001 | | 3585 | Complete | eap | |
| Acetone | <20.0 | ug/L | | | 09/21/2001 | | 3585 | <20.0 | eap | SW 8260B |
| Benzene | <1.0 | ug/L | | | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| tert-Butylbenzene | <1.0 | ug/L | | | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| sec-Butylbenzene | <1.0 | ug/L | | | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| n-Butylbenzene | <1.0 | ug/L | | | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| Bromochloromethane | <1.0 | ug/L | | | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| Bromodichloromethane | <1.0 | ug/L | | | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| Bromoform | <1.0 | ug/L | | | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 706769 | SBI002:HMW28S:G091401:505 | | | | | | | | | | 09/14/2001 08:50 |
| | Bromobenzene | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| | 2-Butanone (MEK) | <12.5 | | ug/L | 09/21/2001 | | 3585 | <12.5 | eap | SW 8260B | |
| | Carbon disulfide | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| | Carbon tetrachloride | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| | Chlorobenzene | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| | Chloroethane | <5.0 | | ug/L | 09/21/2001 | | 3585 | <5.0 | eap | SW 8260B | |
| | 2-Chlorotoluene | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| | 4-Chlorotoluene | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| | Chloroform | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| | Chloromethane | <5.0 | | ug/L | 09/21/2001 | | 3585 | <5.0 | eap | SW 8260B | |
| | Dibromochloromethane | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| | Dibromomethane | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/21/2001 | | 3585 | <5.0 | eap | SW 8260B | |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| | cis-1,2-Dichloroethene | 2.6 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 706769 | SBI002:HMW28S:G091401:505 | | | | | | | | | | 09/14/2001 08:50 |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B | |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B | |
| | Ethylbenzene | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B | |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <5.0 | eap | SW 8260B | |
| | n-Hexane | <5.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <5.0 | eap | SW 8260B | |
| | 2-Hexanone | <12.5 | | ug/L | 09/21/2001 | 3585 | 3585 | <12.5 | eap | SW 8260B | |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B | |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B | |
| | Bromomethane | <5.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <5.0 | eap | SW 8260B | |
| | Methylene Chloride | <5.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <5.0 | eap | SW 8260B | |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <5.0 | eap | SW 8260B | |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/21/2001 | 3585 | 3585 | <12.5 | eap | SW 8260B | |
| | n-Propylbenzene | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B | |
| | Styrene | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B | |
| | Naphthalene | <5.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <5.0 | eap | SW 8260B | |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B | |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B | |
| | Tetrachloroethene | 1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B | |
| | Toluene | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B | |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <5.0 | eap | SW 8260B | |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B | |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B | |
| | Trichloroethene | 15.1 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B | |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B | |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <5.0 | eap | SW 8260B | |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B | |

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | DATE/TIME TAKEN |
|------------|------------------------------|--------|------|-------|---------------|-------------------|------------------|-----------------|------------------|------------------|
| | | | | | | | | | | Method Reference |
| 706769 | SBI002:HMW28S:G091401:505 | | | | | | | | | 09/14/2001 08:50 |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | Vinyl Acetate | <5.0 | | ug/L | 09/21/2001 | | 3585 | <5.0 | eap | SW 8260B |
| | Vinyl Chloride | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | Xylenes | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | d4-1,2-Dichloroethane (surr) | 93 | | % | 09/21/2001 | | 3585 | | eap | SW 8260B |
| | Dibromofluoromethane (surr) | 98 | | % | 09/21/2001 | | 3585 | | eap | SW 8260B |
| | d8-Toluene (surr) | 100 | | % | 09/21/2001 | | 3585 | | eap | SW 8260B |
| | Bromofluorobenzene (surr) | 105 | | % | 09/21/2001 | | 3585 | | eap | SW 8260B |
| | BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | |
| | Acenaphthene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | Acenaphthylene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | Anthracene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | Benzo(a)anthracene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | Benzo(b)fluoranthene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | Benzo(k)fluoranthene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | Benzo(a)pyrene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | Benzyl alcohol | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | Benzyl butyl phthalate | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | bis(2-Chloroethyl)ether | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | bis(2-Chloroethoxy)methane | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | bis(2-Ethylhexyl)phthalate | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | 2,2'-oxybis(1-Chloropropane) | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | 4-Bromophenyl phenyl ether | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | 4-Chloroaniline | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | 2-Chloronaphthalene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|---------------------------|---------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 706769 | SBI002:HMW28S:G091401:505 | | | | | | | | | |
| | | | | | | | | | | DATE/TIME TAKEN |
| | | | | | | | | | | 09/14/2001 08:50 |
| Chrysene | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| Dibenzo(a,h)anthracene | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| Dibenzofuran | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| 1,2-Dichlorobenzene | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| 1,3-Dichlorobenzene | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| 1,4-Dichlorobenzene | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| 3,3'-Dichlorobenzidine | | <50 | | ug/L | 09/20/2001 | 1272 | 2701 | <50 | jrjw | SW 8270C |
| Diethyl phthalate | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| Dimethyl phthalate | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| 2,4-Dinitrotoluene | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| 2,6-Dinitrotoluene | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| Di-n-octylphthalate | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| Fluoranthene | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| Fluorene | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| Hexachlorobenzene | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| Hexachloro-1,3-butadiene | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| Hexachlorocyclopentadiene | | <20 | | ug/L | 09/20/2001 | 1272 | 2701 | <20 | jrjw | SW 8270C |
| Hexachloroethane | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| Indeno(1,2,3-cd)pyrene | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| Isophorone | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| Naphthalene | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| Nitrobenzene | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| N-Nitrosodi-n-propylamine | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| Phenanthrene | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| Pyrene | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| 1,2,4-Trichlorobenzene | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|---------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 706769 | SBI002:HMW28S:G091401:505 | | | | | | | | | DATE/TIME TAKEN 09/14/2001 08:50 |
| Surrogate: d5-Nitrobenzene | | 89 | | % | 09/20/2001 | 1272 | 2701 | | jrw | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 77 | | % | 09/20/2001 | 1272 | 2701 | | jrw | SW 8270C |
| Surrogate: d14-Terphenyl | | 50 | | % | 09/20/2001 | 1272 | 2701 | | jrw | SW 8270C |
| ACID COMPOUNDS (AQ) 8270 | | | | | | | | | | |
| Benzoic acid | | <50 | | ug/L | 09/20/2001 | 1272 | 2701 | <50 | jrw | SW 8270C |
| 4-Chloro-3-methylphenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrw | SW 8270C |
| 2-Chlorophenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrw | SW 8270C |
| 2,4-Dichlorophenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrw | SW 8270C |
| 2,4-Dimethylphenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrw | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrw | SW 8270C |
| 2-Methylphenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrw | SW 8270C |
| meta & para-Methylphenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrw | SW 8270C |
| 2-Nitrophenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrw | SW 8270C |
| Pentachlorophenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrw | SW 8270C |
| Phenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrw | SW 8270C |
| 2,4,5-Trichlorophenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrw | SW 8270C |
| 2,4,6-Trichlorophenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrw | SW 8270C |
| Surrogate: d6-Phenol | | 74 | | % | 09/20/2001 | 1272 | 2701 | | jrw | SW 8270C |
| Surrogate: 2-Fluorophenol | | 72 | | % | 09/20/2001 | 1272 | 2701 | | jrw | SW 8270C |
| Surrogate: Tribromophenol | | 42 | | % | 09/20/2001 | 1272 | 2701 | | jrw | SW 8270C |
| TPH - Method 418.1 (AQ) | | <0.2 | | mg/L | 09/26/2001 | 601 | 721 | <0.2 | sub | EPA 418.1 |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|--------------------------------|---------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|-----------------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 706770 | SBI002:HMW32D:G091401:505 | | | | | | | | | | 09/14/2001 10:00 |
| ICPMS TOTAL METALS | Complete | | | | 09/26/2001 | | 2562 | Complete | ekh | SW 6020 | |
| Arsenic, ICPMS | <0.0050 | | | mg/L | 09/26/2001 | 1844 | 3686 | <0.0050 | ekh | SW 6020 | |
| Barium, ICPMS | 0.0982 | | | mg/L | 09/26/2001 | 1844 | 3894 | <0.0050 | ekh | SW 6020 | |
| Cadmium, ICPMS | <0.0010 | | | mg/L | 09/26/2001 | 1844 | 3565 | <0.0010 | ekh | SW 6020 | |
| Chromium, ICPMS (0.005) | <0.0050 | | | mg/L | 09/26/2001 | 1844 | 3965 | <0.0050 | ekh | SW 6020 | |
| Lead, ICPMS | 0.0101 | | | mg/L | 09/26/2001 | 1844 | 3643 | <0.0010 | ekh | SW 6020 | |
| Mercury, CVAA | <0.0002 | | | mg/L | 09/25/2001 | 1413 | 1359 | <0.0002 | epk | SW 7470A | |
| Selenium, GFAA | <0.0050 | | | mg/L | 09/22/2001 | 746 | 575 | <0.0050 | jad | SW 7740 | |
| Silver, ICPMS | <0.0005 | | | mg/L | 09/26/2001 | 1844 | 3901 | <0.0005 | ekh | SW 6020 | |
| Metals Digestion, ICPMS | Complete | | | | 09/25/2001 | 1844 | | Complete | clm | SW 3010A | |
| Metals Digestion, GFAA | Complete | | | | 09/18/2001 | 746 | | Complete | mrt | SW 3020A | |
| Manual Mercury Digestion | Complete | | | | 09/24/2001 | 1413 | | Complete | epk | SW 7470A | |
| Prep, Base Neutral | Complete | | | | 09/17/2001 | 1272 | | Complete | lmc | EPA 625 ; SW 3510C ; SW 352 | |
| Prep, Acid Extractable | Complete | | | | 09/17/2001 | 1272 | | Complete | lmc | EPA 625 ; SW 3510C ; SW 352 | |
| Prep, TPH - 418.1 aq | Complete | | | | 09/25/2001 | 601 | | Complete | sub | EPA 418.1 | |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | | |
| 8260 - SW846 (AQ) | Complete | | | | 09/21/2001 | | 3589 | Complete | eap | | |
| Acetone | 21.4 | | | ug/L | 09/21/2001 | | 3589 | <20.0 | eap | SW 8260B | |
| Benzene | <1.0 | | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B | |
| tert-Butylbenzene | <1.0 | | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B | |
| sec-Butylbenzene | 10.8 | | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B | |
| n-Butylbenzene | <1.0 | | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B | |
| Bromochloromethane | <1.0 | | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B | |
| Bromodichloromethane | <1.0 | | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B | |
| Bromoform | <1.0 | | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|-------|-------|-----------|---------|-------------------------------------|
| | | | | | | Batch | Batch | | | |
| 706770 | SBI002:HMW32D:G091401:505 | | | | | | | | | DATE/TIME TAKEN 09/14/2001 10:00 |
| | Bromobenzene | <1.0 | | ug/L | 09/21/2001 | 3589 | <1.0 | eap | SW | 8260B |
| | 2-Butanone (MEK) | <12.5 | | ug/L | 09/21/2001 | 3589 | <12.5 | eap | SW | 8260B |
| | Carbon disulfide | <1.0 | | ug/L | 09/21/2001 | 3589 | <1.0 | eap | SW | 8260B |
| | Carbon tetrachloride | <1.0 | | ug/L | 09/21/2001 | 3589 | <1.0 | eap | SW | 8260B |
| | Chlorobenzene | <1.0 | | ug/L | 09/21/2001 | 3589 | <1.0 | eap | SW | 8260B |
| | Chloroethane | <5.0 | | ug/L | 09/21/2001 | 3589 | <5.0 | eap | SW | 8260B |
| | 2-Chlorotoluene | <1.0 | | ug/L | 09/21/2001 | 3589 | <1.0 | eap | SW | 8260B |
| | 4-Chlorotoluene | <1.0 | | ug/L | 09/21/2001 | 3589 | <1.0 | eap | SW | 8260B |
| | Chloroform | <1.0 | | ug/L | 09/21/2001 | 3589 | <1.0 | eap | SW | 8260B |
| | Chloromethane | <5.0 | | ug/L | 09/21/2001 | 3589 | <5.0 | eap | SW | 8260B |
| | Dibromochloromethane | <1.0 | | ug/L | 09/21/2001 | 3589 | <1.0 | eap | SW | 8260B |
| | Dibromomethane | <1.0 | | ug/L | 09/21/2001 | 3589 | <1.0 | eap | SW | 8260B |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/21/2001 | 3589 | <1.0 | eap | SW | 8260B |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/21/2001 | 3589 | <5.0 | eap | SW | 8260B |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/21/2001 | 3589 | <1.0 | eap | SW | 8260B |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/21/2001 | 3589 | <1.0 | eap | SW | 8260B |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/21/2001 | 3589 | <1.0 | eap | SW | 8260B |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/21/2001 | 3589 | <1.0 | eap | SW | 8260B |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/21/2001 | 3589 | <1.0 | eap | SW | 8260B |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/21/2001 | 3589 | <1.0 | eap | SW | 8260B |
| | cis-1,2-Dichloroethene | 33.3 | | ug/L | 09/21/2001 | 3589 | <1.0 | eap | SW | 8260B |
| | trans-1,2-Dichloroethene | 3.5 | | ug/L | 09/21/2001 | 3589 | <1.0 | eap | SW | 8260B |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/21/2001 | 3589 | <1.0 | eap | SW | 8260B |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/21/2001 | 3589 | <1.0 | eap | SW | 8260B |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/21/2001 | 3589 | <1.0 | eap | SW | 8260B |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/21/2001 | 3589 | <1.0 | eap | SW | 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 706770 | SBI002:HMW32D:G091401:505 | | | | | | | | | DATE/TIME TAKEN 09/14/2001 10:00 |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/21/2001 | | 3589 | <5.0 | eap | SW 8260B |
| | n-Hexane | 23.3 | | ug/L | 09/21/2001 | | 3589 | <5.0 | eap | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/21/2001 | | 3589 | <12.5 | eap | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | p-Isopropyltoluene | 2.5 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/21/2001 | | 3589 | <5.0 | eap | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/21/2001 | | 3589 | <5.0 | eap | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/21/2001 | | 3589 | <5.0 | eap | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/21/2001 | | 3589 | <12.5 | eap | SW 8260B |
| | n-Propylbenzene | 1.5 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/21/2001 | | 3589 | <5.0 | eap | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | Tetrachloroethene | 35.9 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/21/2001 | | 3589 | <5.0 | eap | SW 8260B |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | Trichloroethene | 18.2 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/21/2001 | | 3589 | <5.0 | eap | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|------------|------------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 706770 | SBI002:HMW32D:G091401:505 | | | | | | | | | | 09/14/2001 10:00 |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B | |
| | Vinyl Acetate | <5.0 | | ug/L | 09/21/2001 | | 3589 | <5.0 | eap | SW 8260B | |
| | Vinyl Chloride | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B | |
| | Xylenes | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B | |
| | d4-1,2-Dichloroethane (surr) | 93 | | % | 09/21/2001 | | 3589 | | eap | SW 8260B | |
| | Dibromofluoromethane (surr) | 97 | | % | 09/21/2001 | | 3589 | | eap | SW 8260B | |
| | d8-Toluene (surr) | 100 | | % | 09/21/2001 | | 3589 | | eap | SW 8260B | |
| | Bromofluorobenzene (surr) | 102 | | % | 09/21/2001 | | 3589 | | eap | SW 8260B | |
| | BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | | |
| | Acenaphthene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| | Acenaphthylene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| | Anthracene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| | Benzo(a)anthracene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| | Benzo(b)fluoranthene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| | Benzo(k)fluoranthene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| | Benzo(a)pyrene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| | Benzyl alcohol | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| | Benzyl butyl phthalate | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| | bis(2-Chloroethyl)ether | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| | bis(2-Chloroethoxy)methane | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| | bis(2-Ethylhexyl)phthalate | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| | 2,2'-oxybis(1-Chloropropane) | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| | 4-Bromophenyl phenyl ether | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| | 4-Chloroaniline | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| | 2-Chloronaphthalene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|---------------------------|--------|------|-------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | 09/14/2001 10:00 |
| 706770 | SBI002:HMW32D:G091401:505 | | | | | | | | | | |
| | Chrysene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| | Dibenzo(a,h)anthracene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| | Dibenzofuran | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| | 1,2-Dichlorobenzene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| | 1,3-Dichlorobenzene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| | 1,4-Dichlorobenzene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| | 3,3'-Dichlorobenzidine | <50 | | ug/L | 09/20/2001 | 1272 | 2701 | <50 | jrjw | SW 8270C | |
| | Diethyl phthalate | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| | Dimethyl phthalate | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| | 2,4-Dinitrotoluene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| | 2,6-Dinitrotoluene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| | Di-n-octylphthalate | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| | Fluoranthene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| | Fluorene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| | Hexachlorobenzene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| | Hexachloro-1,3-butadiene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| | Hexachlorocyclopentadiene | <20 | | ug/L | 09/20/2001 | 1272 | 2701 | <20 | jrjw | SW 8270C | |
| | Hexachloroethane | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| | Indeno(1,2,3-cd)pyrene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| | Isophorone | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| | Naphthalene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| | Nitrobenzene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| | N-Nitrosodi-n-propylamine | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| | Phenanthrene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| | Pyrene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| | 1,2,4-Trichlorobenzene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|--------------------------|-----------------------------|--------|------|-------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | 09/14/2001 10:00 |
| | Surrogate: d5-Nitrobenzene | 94 | | ‡ | 09/20/2001 | 1272 | 2701 | | jrw | SW 8270C | |
| | Surrogate: 2-Fluorobiphenyl | 91 | | ‡ | 09/20/2001 | 1272 | 2701 | | jrw | SW 8270C | |
| | Surrogate: d14-Terphenyl | 52 | | ‡ | 09/20/2001 | 1272 | 2701 | | jrw | SW 8270C | |
| ACID COMPOUNDS (AQ) 8270 | | | | | | | | | | | |
| | Benzoic acid | <50 | | ug/L | 09/20/2001 | 1272 | 2701 | <50 | jrw | SW 8270C | |
| | 4-Chloro-3-methylphenol | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrw | SW 8270C | |
| | 2-Chlorophenol | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrw | SW 8270C | |
| | 2,4-Dichlorophenol | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrw | SW 8270C | |
| | 2,4-Dimethylphenol | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrw | SW 8270C | |
| | 2-Methyl-4,6-dinitrophenol | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrw | SW 8270C | |
| | 2-Methylphenol | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrw | SW 8270C | |
| | meta & para-Methylphenol | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrw | SW 8270C | |
| | 2-Nitrophenol | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrw | SW 8270C | |
| | Pentachlorophenol | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrw | SW 8270C | |
| | Phenol | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrw | SW 8270C | |
| | 2,4,5-Trichlorophenol | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrw | SW 8270C | |
| | 2,4,6-Trichlorophenol | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrw | SW 8270C | |
| | Surrogate: d6-Phenol | 70 | | ‡ | 09/20/2001 | 1272 | 2701 | | jrw | SW 8270C | |
| | Surrogate: 2-Fluorophenol | 64 | | ‡ | 09/20/2001 | 1272 | 2701 | | jrw | SW 8270C | |
| | Surrogate: Tribromophenol | 76 | | ‡ | 09/20/2001 | 1272 | 2701 | | jrw | SW 8270C | |
| | TPH - Method 418.1 (AQ) | 0.8 | | mg/L | 09/26/2001 | 601 | 721 | <0.2 | sub | EPA 418.1 | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|--------------------|----------|------|-------|------------|--------------|--------------|-----------|----------|-------------------------------|
| | | | | | Analyzed | Batch Number | Batch Number | Limit | Initials | |
| 706771 | SBI002:TB1:091401 | | | | | | | | | DATE/TIME TAKEN 09/14/2001 |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | | Complete | | | 09/21/2001 | | 3585 | Complete | eap | |
| Acetone | | <20.0 | | ug/L | 09/21/2001 | | 3585 | <20.0 | eap | SW 8260B |
| Benzene | | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| tert-Butylbenzene | | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| sec-Butylbenzene | | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| n-Butylbenzene | | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| Bromochloromethane | | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| Bromodichloromethane | | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| Bromoform | | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| Bromobenzene | | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| 2-Butanone (MEK) | | <12.5 | | ug/L | 09/21/2001 | | 3585 | <12.5 | eap | SW 8260B |
| Carbon disulfide | | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| Carbon tetrachloride | | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| Chlorobenzene | | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| Chloroethane | | <5.0 | | ug/L | 09/21/2001 | | 3585 | <5.0 | eap | SW 8260B |
| 2-Chlorotoluene | | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| 4-Chlorotoluene | | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| Chloroform | | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| Chloromethane | | <5.0 | | ug/L | 09/21/2001 | | 3585 | <5.0 | eap | SW 8260B |
| Dibromochloromethane | | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| Dibromomethane | | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| Dichlorodifluoromethane | | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| 1,2-Dibromo-3-chloropropane | | <5.0 | | ug/L | 09/21/2001 | | 3585 | <5.0 | eap | SW 8260B |
| 1,2-Dichlorobenzene | | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| 1,3-Dichlorobenzene | | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 706771 | SBI002:TB1:091401 | | | | | | | | | DATE/TIME TAKEN 09/14/2001 |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <5.0 | eap | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <5.0 | eap | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/21/2001 | 3585 | 3585 | <12.5 | eap | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <5.0 | eap | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <5.0 | eap | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <5.0 | eap | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/21/2001 | 3585 | 3585 | <12.5 | eap | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <5.0 | eap | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------------------------|--------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 706771 | SBI002:TB1:091401 | | | | | | | | | DATE/TIME TAKEN 09/14/2001 |
| 1,1,2,2-Tetrachloroethane | | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| Tetrachloroethene | | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| Toluene | | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| 1,2,4-Trichlorobenzene | | <5.0 | | ug/L | 09/21/2001 | | 3585 | <5.0 | eap | SW 8260B |
| 1,1,1-Trichloroethane | | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| 1,1,2-Trichloroethane | | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| Trichloroethene | | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| Trichlorofluoromethane | | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| 1,2,3-Trichloropropane | | <5.0 | | ug/L | 09/21/2001 | | 3585 | <5.0 | eap | SW 8260B |
| 1,2,4-Trimethylbenzene | | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| Vinyl Acetate | | <5.0 | | ug/L | 09/21/2001 | | 3585 | <5.0 | eap | SW 8260B |
| Vinyl Chloride | | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| Xylenes | | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| d4-1,2-Dichloroethane (surr) | | 93 | | % | 09/21/2001 | | 3585 | | eap | SW 8260B |
| Dibromofluoromethane (surr) | | 98 | | % | 09/21/2001 | | 3585 | | eap | SW 8260B |
| d8-Toluene (surr) | | 100 | | % | 09/21/2001 | | 3585 | | eap | SW 8260B |
| Bromofluorobenzene (surr) | | 104 | | % | 09/21/2001 | | 3585 | | eap | SW 8260B |

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|--------------------------------|---------------------------|----------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 706772 | SBI002:HMW30D:G091401:505 | | | | | | | | | DATE/TIME TAKEN 09/14/2001 10:45 |
| ICPMS TOTAL METALS | | | | | | | | | | |
| | Arsenic, ICPMS | Complete | | mg/L | 09/26/2001 | 1844 | 2562 | 3686 | Complete | ekh SW 6020 |
| | Barium, ICPMS | <0.0050 | | mg/L | 09/26/2001 | 1844 | 3894 | 3565 | <0.0050 | ekh SW 6020 |
| | Cadmium, ICPMS | 0.0473 | | mg/L | 09/26/2001 | 1844 | 3965 | 3643 | <0.0010 | ekh SW 6020 |
| | Chromium, ICPMS (0.005) | <0.0010 | | mg/L | 09/26/2001 | 1844 | 1359 | 746 | <0.0050 | ekh SW 6020 |
| | Lead, ICPMS | <0.0050 | | mg/L | 09/26/2001 | 1844 | 3901 | 1844 | <0.0010 | ekh SW 6020 |
| | Mercury, CVAA | 0.0025 | | mg/L | 09/25/2001 | 1413 | 746 | 575 | <0.0002 | epk SW 7470A |
| | Selenium, GFAA | <0.0002 | | mg/L | 09/22/2001 | 746 | 3901 | 1844 | <0.0050 | jad SW 7740 |
| | Silver, ICPMS | <0.0005 | | mg/L | 09/26/2001 | 1844 | 1844 | 1844 | <0.0005 | ekh SW 6020 |
| | Metals Digestion, ICPMS | Complete | | | 09/25/2001 | 1844 | | | Complete | clm SW 3010A |
| | Metals Digestion, GFAA | Complete | | | 09/18/2001 | 746 | | | Complete | mrt SW 3020A |
| | Manual Mercury Digestion | Complete | | | 09/24/2001 | 1413 | | | Complete | epk SW 7470A |
| | Prep, Base Neutral | Complete | | | 09/17/2001 | 1272 | | | Complete | lmc EPA 625 ; SW 3510C ; SW 352 |
| | Prep, Acid Extractable | Complete | | | 09/17/2001 | 1272 | | | Complete | lmc EPA 625 ; SW 3510C ; SW 352 |
| | Prep, TPH - 418.1 aq | Complete | | | 09/25/2001 | 601 | | | Complete | sub EPA 418.1 |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| | 8260 - SW846 (AQ) | Complete | | | 09/21/2001 | | 3585 | 3585 | Complete | eap |
| | Acetone | <20.0 | | ug/L | 09/21/2001 | | 3585 | 3585 | <20.0 | eap SW 8260B |
| | Benzene | <1.0 | | ug/L | 09/21/2001 | | 3585 | 3585 | <1.0 | eap SW 8260B |
| | tert-Butylbenzene | <1.0 | | ug/L | 09/21/2001 | | 3585 | 3585 | <1.0 | eap SW 8260B |
| | sec-Butylbenzene | 1.4 | | ug/L | 09/21/2001 | | 3585 | 3585 | <1.0 | eap SW 8260B |
| | n-Butylbenzene | <1.0 | | ug/L | 09/21/2001 | | 3585 | 3585 | <1.0 | eap SW 8260B |
| | Bromochloromethane | <1.0 | | ug/L | 09/21/2001 | | 3585 | 3585 | <1.0 | eap SW 8260B |
| | Bromodichloromethane | <1.0 | | ug/L | 09/21/2001 | | 3585 | 3585 | <1.0 | eap SW 8260B |
| | Bromoform | <1.0 | | ug/L | 09/21/2001 | | 3585 | 3585 | <1.0 | eap SW 8260B |

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|-----------------------------|---------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 706772 | SBI002:HMW30D:G091401:505 | | | | | | | | | | 09/14/2001 10:45 |
| Bromobenzene | | <1.0 | | ug/L | 09/21/2001 | 3585 | | <1.0 | eap | SW 8260B | |
| 2-Butanone (MEK) | | <12.5 | | ug/L | 09/21/2001 | 3585 | | <12.5 | eap | SW 8260B | |
| Carbon disulfide | | <1.0 | | ug/L | 09/21/2001 | 3585 | | <1.0 | eap | SW 8260B | |
| Carbon tetrachloride | | <1.0 | | ug/L | 09/21/2001 | 3585 | | <1.0 | eap | SW 8260B | |
| Chlorobenzene | | <1.0 | | ug/L | 09/21/2001 | 3585 | | <1.0 | eap | SW 8260B | |
| Chloroethane | | <5.0 | | ug/L | 09/21/2001 | 3585 | | <5.0 | eap | SW 8260B | |
| 2-Chlorotoluene | | <1.0 | | ug/L | 09/21/2001 | 3585 | | <1.0 | eap | SW 8260B | |
| 4-Chlorotoluene | | <1.0 | | ug/L | 09/21/2001 | 3585 | | <1.0 | eap | SW 8260B | |
| Chloroform | | <1.0 | | ug/L | 09/21/2001 | 3585 | | <1.0 | eap | SW 8260B | |
| Chloromethane | | <5.0 | | ug/L | 09/21/2001 | 3585 | | <5.0 | eap | SW 8260B | |
| Dibromochloromethane | | <1.0 | | ug/L | 09/21/2001 | 3585 | | <1.0 | eap | SW 8260B | |
| Dibromomethane | | <1.0 | | ug/L | 09/21/2001 | 3585 | | <1.0 | eap | SW 8260B | |
| Dichlorodifluoromethane | | <1.0 | | ug/L | 09/21/2001 | 3585 | | <1.0 | eap | SW 8260B | |
| 1,2-Dibromo-3-chloropropane | | <5.0 | | ug/L | 09/21/2001 | 3585 | | <5.0 | eap | SW 8260B | |
| 1,2-Dichlorobenzene | | <1.0 | | ug/L | 09/21/2001 | 3585 | | <1.0 | eap | SW 8260B | |
| 1,3-Dichlorobenzene | | <1.0 | | ug/L | 09/21/2001 | 3585 | | <1.0 | eap | SW 8260B | |
| 1,4-Dichlorobenzene | | <1.0 | | ug/L | 09/21/2001 | 3585 | | <1.0 | eap | SW 8260B | |
| 1,1-Dichloroethane | | 1.4 | | ug/L | 09/21/2001 | 3585 | | <1.0 | eap | SW 8260B | |
| 1,2-Dichloroethane | | <1.0 | | ug/L | 09/21/2001 | 3585 | | <1.0 | eap | SW 8260B | |
| 1,1-Dichloroethene | | <1.0 | | ug/L | 09/21/2001 | 3585 | | <1.0 | eap | SW 8260B | |
| cis-1,2-Dichloroethene | | 4.2 | | ug/L | 09/21/2001 | 3585 | | <1.0 | eap | SW 8260B | |
| trans-1,2-Dichloroethene | | <1.0 | | ug/L | 09/21/2001 | 3585 | | <1.0 | eap | SW 8260B | |
| 1,2-Dichloropropane | | <1.0 | | ug/L | 09/21/2001 | 3585 | | <1.0 | eap | SW 8260B | |
| 1,3-Dichloropropane | | <1.0 | | ug/L | 09/21/2001 | 3585 | | <1.0 | eap | SW 8260B | |
| 2,2-Dichloropropane | | <1.0 | | ug/L | 09/21/2001 | 3585 | | <1.0 | eap | SW 8260B | |
| 1,1-Dichloropropene | | <1.0 | | ug/L | 09/21/2001 | 3585 | | <1.0 | eap | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 706772 | SBI002:HMW30D:G091401:505 | | | | | | | | | DATE/TIME TAKEN 09/14/2001 10:45 |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/21/2001 | | 3585 | <5.0 | eap | SW 8260B |
| | n-Hexane | 12.5 | | ug/L | 09/21/2001 | | 3585 | <5.0 | eap | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/21/2001 | | 3585 | <12.5 | eap | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | p-Isopropyltoluene | 1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/21/2001 | | 3585 | <5.0 | eap | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/21/2001 | | 3585 | <5.0 | eap | SW 8260B |
| | Methyl t-butyl ether.(MTBE) | <5.0 | | ug/L | 09/21/2001 | | 3585 | <5.0 | eap | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/21/2001 | | 3585 | <12.5 | eap | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/21/2001 | | 3585 | <5.0 | eap | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | Tetrachloroethene | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/21/2001 | | 3585 | <5.0 | eap | SW 8260B |
| | 1,1,1-Trichloroethane | 1.1 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | Trichloroethene | 10.8 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/21/2001 | | 3585 | <5.0 | eap | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------------------------|---------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 706772 | SBI002:HMW30D:G091401:505 | | | | | | | | | DATE/TIME TAKEN 09/14/2001 10:45 |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| Vinyl Acetate | | <5.0 | | ug/L | 09/21/2001 | | 3585 | <5.0 | eap | SW 8260B |
| Vinyl Chloride | | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| Xylenes | | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| d4-1,2-Dichloroethane (surr) | | 94 | | % | 09/21/2001 | | 3585 | | eap | SW 8260B |
| Dibromofluoromethane (surr) | | 97 | | % | 09/21/2001 | | 3585 | | eap | SW 8260B |
| d8-Toluene (surr) | | 100 | | % | 09/21/2001 | | 3585 | | eap | SW 8260B |
| Bromofluorobenzene (surr) | | 105 | | % | 09/21/2001 | | 3585 | | eap | SW 8260B |
| BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | | |
| Acenaphthene | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| Acenaphthylene | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| Anthracene | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| Benzo (a) anthracene | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| Benzo (b) fluoranthene | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| Benzo (k) fluoranthene | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| Benzo (a) pyrene | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| Benzyl alcohol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| Benzyl butyl phthalate | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| bis(2-Chloroethyl) ether | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| bis(2-Chloroethoxy) methane | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| bis(2-Ethylhexyl) phthalate | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| 4-Bromophenyl phenyl ether | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| 4-Chloroaniline | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| 2-Chloronaphthalene | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|---------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 706772 | SBI002:HMW30D:G091401:505 | | | | | | | | | DATE/TIME TAKEN 09/14/2001 10:45 |
| | benzopyrene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | Dibenzo(a,h)anthracene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | Dibenzofuran | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | 1,2-Dichlorobenzene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | 1,3-Dichlorobenzene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | 1,4-Dichlorobenzene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | 3,3'-Dichlorobenzidine | <50 | | ug/L | 09/20/2001 | 1272 | 2701 | <50 | jrjw | SW 8270C |
| | Diethyl phthalate | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | Dimethyl phthalate | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | 2,4-Dinitrotoluene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | 2,6-Dinitrotoluene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | Di-n-octylphthalate | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | Fluoranthene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | Fluorene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | Hexachlorobenzene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | Hexachloro-1,3-butadiene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | Hexachlorocyclopentadiene | <20 | | ug/L | 09/20/2001 | 1272 | 2701 | <20 | jrjw | SW 8270C |
| | Hexachloroethane | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | Indeno(1,2,3-cd)pyrene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | Isophorone | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | Naphthalene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | Nitrobenzene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | N-Nitrosodi-n-propylamine | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | Phenanthrene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | Pyrene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | 1,2,4-Trichlorobenzene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|-----------------------------|--------------------|--------|------|-------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | 09/14/2001 10:45 |
| Surrogate: d5-Nitrobenzene | | 94 | | % | 09/20/2001 | 1272 | 2701 | | jrj | SW 8270C | |
| Surrogate: 2-Fluorobiphenyl | | 87 | | % | 09/20/2001 | 1272 | 2701 | | jrj | SW 8270C | |
| Surrogate: d14-Terphenyl | | 68 | | % | 09/20/2001 | 1272 | 2701 | | jrj | SW 8270C | |
| ACID COMPOUNDS (AQ) 8270 | | | | | | | | | | | |
| Benzoic acid | | <50 | | ug/L | 09/20/2001 | 1272 | 2701 | <50 | jrj | SW 8270C | |
| 4-Chloro-3-methylphenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrj | SW 8270C | |
| 2-Chlorophenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrj | SW 8270C | |
| 2,4-Dichlorophenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrj | SW 8270C | |
| 2,4-Dimethylphenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrj | SW 8270C | |
| 2-Methyl-4,6-dinitrophenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrj | SW 8270C | |
| 2-Methylphenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrj | SW 8270C | |
| meta & para-Methylphenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrj | SW 8270C | |
| 2-Nitrophenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrj | SW 8270C | |
| Pentachlorophenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrj | SW 8270C | |
| Phenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrj | SW 8270C | |
| 2,4,5-Trichlorophenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrj | SW 8270C | |
| 2,4,6-Trichlorophenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrj | SW 8270C | |
| Surrogate: d6-Phenol | | 64 | | % | 09/20/2001 | 1272 | 2701 | | jrj | SW 8270C | |
| Surrogate: 2-Fluorophenol | | 77 | | % | 09/20/2001 | 1272 | 2701 | | jrj | SW 8270C | |
| Surrogate: Tribromophenol | | 72 | | % | 09/20/2001 | 1272 | 2701 | | jrj | SW 8270C | |
| TPH - Method 418.1 (AQ) | | 0.3 | | mg/L | 09/26/2001 | 601 | 721 | <0.2 | sub | EPA 418.1 | |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|--------------------------------|----------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 706773 | SBI002:HMW30I:G091401:505 | | | | | | | | | DATE/TIME TAKEN 09/14/2001 11:00 |
| | ICPMS TOTAL METALS | Complete | | | 09/26/2001 | | 2562 | Complete | ekh | SW 6020 |
| | Arsenic, ICPMS | <0.0050 | | mg/L | 09/26/2001 | 1844 | 3686 | <0.0050 | ekh | SW 6020 |
| | Barium, ICPMS | 0.0599 | | mg/L | 09/26/2001 | 1844 | 3894 | <0.0050 | ekh | SW 6020 |
| | Cadmium, ICPMS | <0.0010 | | mg/L | 09/26/2001 | 1844 | 3565 | <0.0010 | ekh | SW 6020 |
| | Chromium, ICPMS (0.005) | <0.0050 | | mg/L | 09/26/2001 | 1844 | 3965 | <0.0050 | ekh | SW 6020 |
| | Lead, ICPMS | 0.0090 | | mg/L | 09/26/2001 | 1844 | 3643 | <0.0010 | ekh | SW 6020 |
| | Mercury, CVAA | <0.0002 | | mg/L | 09/25/2001 | 1413 | 1359 | <0.0002 | epk | SW 7470A |
| | Selenium, GFAA | <0.0050 | | mg/L | 09/22/2001 | 746 | 575 | <0.0050 | jad | SW 7740 |
| | Silver, ICPMS | <0.0005 | | mg/L | 09/26/2001 | 1844 | 3901 | <0.0005 | ekh | SW 6020 |
| | Metals Digestion, ICPMS | Complete | | | 09/25/2001 | 1844 | | Complete | clm | SW 3010A |
| | Metals Digestion, GFAA | Complete | | | 09/18/2001 | 746 | | Complete | mrt | SW 3020A |
| | Manual Mercury Digestion | Complete | | | 09/24/2001 | 1413 | | Complete | epk | SW 7470A |
| | Prep, Base Neutral | Complete | | | 09/17/2001 | 1272 | | Complete | lmc | EPA 625 ; SW 3510C ; SW 352 |
| | Prep, Acid Extractable | Complete | | | 09/17/2001 | 1272 | | Complete | lmc | EPA 625 ; SW 3510C ; SW 352 |
| | Prep, TPH - 418.1 aq | Complete | | | 09/25/2001 | 601 | | Complete | sub | EPA 418.1 |
| | VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | |
| | 8260 - SW846 (AQ) | Complete | | | 09/21/2001 | | 3585 | Complete | eap | |
| | Acetone | <20.0 | | ug/L | 09/21/2001 | | 3585 | <20.0 | eap | SW 8260B |
| | Benzene | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | tert-Butylbenzene | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | sec-Butylbenzene | 3.4 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | n-Butylbenzene | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | Bromochloromethane | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | Bromodichloromethane | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | Bromoform | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 706773 | SBI002:HMW30I:G091401:505 | | | | | | | | | | 09/14/2001 11:00 |
| | Bromobenzene | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| | 2-Butanone (MEK) | <12.5 | | ug/L | 09/21/2001 | | 3585 | <12.5 | eap | SW 8260B | |
| | Carbon disulfide | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| | Carbon tetrachloride | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| | Chlorobenzene | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| | Chloroethane | <5.0 | | ug/L | 09/21/2001 | | 3585 | <5.0 | eap | SW 8260B | |
| | 2-Chlorotoluene | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| | 4-Chlorotoluene | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| | Chloroform | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| | Chloromethane | <5.0 | | ug/L | 09/21/2001 | | 3585 | <5.0 | eap | SW 8260B | |
| | Dibromochloromethane | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| | Dibromomethane | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/21/2001 | | 3585 | <5.0 | eap | SW 8260B | |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| | 1,1-Dichloroethane | 1.3 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| | cis-1,2-Dichloroethene | 1.4 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 706773 | SBI002:HMW30I:G091401:505 | | | | | | | | | | 09/14/2001 11:00 |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B | |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B | |
| | Ethylbenzene | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B | |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <5.0 | eap | SW 8260B | |
| | n-Hexane | 44.8 | | ug/L | 09/21/2001 | 3585 | 3585 | <5.0 | eap | SW 8260B | |
| | 2-Hexanone | <12.5 | | ug/L | 09/21/2001 | 3585 | 3585 | <12.5 | eap | SW 8260B | |
| | Isopropylbenzene (Cumene) | 1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B | |
| | p-Isopropyltoluene | 3.2 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B | |
| | Bromomethane | <5.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <5.0 | eap | SW 8260B | |
| | Methylene Chloride | <5.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <5.0 | eap | SW 8260B | |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <5.0 | eap | SW 8260B | |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/21/2001 | 3585 | 3585 | <12.5 | eap | SW 8260B | |
| | n-Propylbenzene | 3.8 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B | |
| | Styrene | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B | |
| | Naphthalene | <5.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <5.0 | eap | SW 8260B | |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B | |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B | |
| | Tetrachloroethene | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B | |
| | Toluene | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B | |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <5.0 | eap | SW 8260B | |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B | |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B | |
| | Trichloroethene | 1.2 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B | |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B | |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <5.0 | eap | SW 8260B | |
| | 1,2,4-Trimethylbenzene | 2.6 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------------------------|---------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 706773 | SBI002:HMW30I:G091401:505 | | | | | | | | | | 09/14/2001 11:00 |
| 1,3,5-Trimethylbenzene | | 2.6 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| Vinyl Acetate | | <5.0 | | ug/L | 09/21/2001 | | 3585 | <5.0 | eap | SW 8260B | |
| Vinyl Chloride | | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| Xylenes | | 1.5 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| d4-1,2-Dichloroethane (surr) | | 96 | | % | 09/21/2001 | | 3585 | | eap | SW 8260B | |
| Dibromofluoromethane (surr) | | 96 | | % | 09/21/2001 | | 3585 | | eap | SW 8260B | |
| d8-Toluene (surr) | | 100 | | % | 09/21/2001 | | 3585 | | eap | SW 8260B | |
| Bromofluorobenzene (surr) | | 101 | | % | 09/21/2001 | | 3585 | | eap | SW 8260B | |
| BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | | | |
| Acenaphthene | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| Acenaphthylene | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| Anthracene | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| Benzo(a)anthracene | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| Benzo(b)fluoranthene | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| Benzo(k)fluoranthene | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| Benzo(a)pyrene | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| Benzyl alcohol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| Benzyl butyl phthalate | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| bis(2-Chloroethyl)ether | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| bis(2-Chloroethoxy)methane | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| bis(2-Ethylhexyl)phthalate | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| 2,2'-oxybis(1-Chloropropane) | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| 4-Bromophenyl phenyl ether | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| 4-Chloroaniline | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |
| 2-Chloronaphthalene | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Prep | | Run | | Reporting Analyst | Method Reference |
|------------|---------------------------|--------|------|-------|---------------|--------------|--------------|-------|-------------------|-------------------------------------|
| | | | | | Date Analyzed | Batch Number | Batch Number | Limit | | |
| 706773 | SBI002:HMW30I:G091401:505 | | | | | | | | | DATE/TIME TAKEN 09/14/2001 11:00 |
| | Chrysene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | Dibenzo (a, h) anthracene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | Dibenzofuran | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | 1,2-Dichlorobenzene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | 1,3-Dichlorobenzene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | 1,4-Dichlorobenzene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | 3,3'-Dichlorobenzidine | <50 | | ug/L | 09/20/2001 | 1272 | 2701 | <50 | jrjw | SW 8270C |
| | Diethyl phthalate | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | Dimethyl phthalate | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | 2,4-Dinitrotoluene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | 2,6-Dinitrotoluene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | Di-n-octylphthalate | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | Fluoranthene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | Fluorene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | Hexachlorobenzene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | Hexachloro-1,3-butadiene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | Hexachlorocyclopentadiene | <20 | | ug/L | 09/20/2001 | 1272 | 2701 | <20 | jrjw | SW 8270C |
| | Hexachloroethane | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | Indeno (1,2,3-cd)pyrene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | Isophorone | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | Naphthalene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | Nitrobenzene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | N-Nitrosodi-n-propylamine | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | Phenanthrene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | Pyrene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| | 1,2,4-Trichlorobenzene | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | DATE/TIME TAKEN |
|-----------------------------|---------------------------|--------|------|-------|---------------|-------------------|------------------|-----------------|------------------|------------------|
| | | | | | | | | | | Method Reference |
| 706773 | SBI002:HMW30I:G091401:505 | | | | | | | | | 09/14/2001 11:00 |
| Surrogate: d5-Nitrobenzene | | 93 | | % | 09/20/2001 | 1272 | 2701 | | jrjw | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 88 | | % | 09/20/2001 | 1272 | 2701 | | jrjw | SW 8270C |
| Surrogate: d14-Terphenyl | | 66 | | % | 09/20/2001 | 1272 | 2701 | | jrjw | SW 8270C |
| ACID COMPOUNDS (AQ) 8270 | | | | | | | | | | |
| Benzoic acid | | <50 | | ug/L | 09/20/2001 | 1272 | 2701 | <50 | jrjw | SW 8270C |
| 4-Chloro-3-methylphenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| 2-Chlorophenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| 2,4-Dichlorophenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| 2,4-Dimethylphenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| 2-Methylphenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| meta & para-Methylphenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| 2-Nitrophenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| Pentachlorophenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| Phenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| 2,4,5-Trichlorophenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| 2,4,6-Trichlorophenol | | <10 | | ug/L | 09/20/2001 | 1272 | 2701 | <10 | jrjw | SW 8270C |
| Surrogate: d6-Phenol | | 79 | | % | 09/20/2001 | 1272 | 2701 | | jrjw | SW 8270C |
| Surrogate: 2-Fluorophenol | | 80 | | % | 09/20/2001 | 1272 | 2701 | | jrjw | SW 8270C |
| Surrogate: Tribromophenol | | 89 | | % | 09/20/2001 | 1272 | 2701 | | jrjw | SW 8270C |
| TPH - Method 418.1 (AQ) | | 0.4 | | mg/L | 09/26/2001 | 601 | 721 | <0.2 | sub | EPA 418.1 |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|--------------------------------|---------------------------|----------|------|-------|---------------|--------------|--------------|-----------------|------------------|-----------------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 706774 | SBI002:HMW32I:G091401:505 | | | | | | | | | | 09/14/2001 12:00 |
| ICPMS TOTAL METALS | | | | | | | | | | | |
| | Arsenic, ICPMS | 0.0094 | | mg/L | 09/26/2001 | 1844 | 3686 | <0.0050 | ekh | SW 6020 | |
| | Barium, ICPMS | 0.108 | | mg/L | 09/26/2001 | 1844 | 3894 | <0.0050 | ekh | SW 6020 | |
| | Cadmium, ICPMS | <0.0010 | | mg/L | 09/26/2001 | 1844 | 3565 | <0.0010 | ekh | SW 6020 | |
| | Chromium, ICPMS (0.005) | <0.0050 | | mg/L | 09/26/2001 | 1844 | 3965 | <0.0050 | ekh | SW 6020 | |
| | Lead, ICPMS | 0.0292 | | mg/L | 09/26/2001 | 1844 | 3643 | <0.0010 | ekh | SW 6020 | |
| | Mercury, CVAA | <0.0002 | | mg/L | 09/25/2001 | 1413 | 1359 | <0.0002 | epk | SW 7470A | |
| | Selenium, GFAA | <0.0050 | | mg/L | 09/22/2001 | 746 | 575 | <0.0050 | jad | SW 7740 | |
| | Silver, ICPMS | <0.0005 | | mg/L | 09/26/2001 | 1844 | 3901 | <0.0005 | ekh | SW 6020 | |
| | Metals Digestion, ICPMS | Complete | | | 09/25/2001 | 1844 | | Complete | clm | SW 3010A | |
| | Metals Digestion, GFAA | Complete | | | 09/18/2001 | 746 | | Complete | mrt | SW 3020A | |
| | Manual Mercury Digestion | Complete | | | 09/24/2001 | 1413 | | Complete | epk | SW 7470A | |
| | Prep, Base Neutral | Complete | | | 09/17/2001 | 1273 | | Complete | lmc | EPA 625 ; SW 3510C ; SW 352 | |
| | Prep, Acid Extractable | Complete | | | 09/17/2001 | 1273 | | Complete | lmc | EPA 625 ; SW 3510C ; SW 352 | |
| | Prep, TPH - 418.1 aq | Complete | | | 09/25/2001 | 601 | | Complete | sub | EPA 418.1 | |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | | |
| | 8260 - SW846 (AQ) | Complete | | | 09/21/2001 | | 3589 | Complete | eap | | |
| | Acetone | <20.0 | | ug/L | 09/21/2001 | | 3589 | <20.0 | eap | SW 8260B | |
| | Benzene | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B | |
| | tert-Butylbenzene | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B | |
| | sec-Butylbenzene | 9.3 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B | |
| | n-Butylbenzene | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B | |
| | Bromochloromethane | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B | |
| | Bromodichloromethane | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B | |
| | Bromoform | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B | |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|---------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 706774 | SBI002:HMW32I:G091401:505 | | | | | | | | | |
| | | | | | | | | | | DATE/TIME TAKEN 09/14/2001 12:00 |
| Bromobenzene | | <1.0 | | ug/L | 09/21/2001 | 3589 | | <1.0 | eap | SW 8260B |
| 2-Butanone (MEK) | | <12.5 | | ug/L | 09/21/2001 | 3589 | | <12.5 | eap | SW 8260B |
| Carbon disulfide | | <1.0 | | ug/L | 09/21/2001 | 3589 | | <1.0 | eap | SW 8260B |
| Carbon tetrachloride | | <1.0 | | ug/L | 09/21/2001 | 3589 | | <1.0 | eap | SW 8260B |
| Chlorobenzene | | <1.0 | | ug/L | 09/21/2001 | 3589 | | <1.0 | eap | SW 8260B |
| Chloroethane | | <5.0 | | ug/L | 09/21/2001 | 3589 | | <5.0 | eap | SW 8260B |
| 2-Chlorotoluene | | <1.0 | | ug/L | 09/21/2001 | 3589 | | <1.0 | eap | SW 8260B |
| 4-Chlorotoluene | | <1.0 | | ug/L | 09/21/2001 | 3589 | | <1.0 | eap | SW 8260B |
| Chloroform | | <1.0 | | ug/L | 09/21/2001 | 3589 | | <1.0 | eap | SW 8260B |
| Chloromethane | | <5.0 | | ug/L | 09/21/2001 | 3589 | | <5.0 | eap | SW 8260B |
| Dibromochloromethane | | <1.0 | | ug/L | 09/21/2001 | 3589 | | <1.0 | eap | SW 8260B |
| Dibromomethane | | <1.0 | | ug/L | 09/21/2001 | 3589 | | <1.0 | eap | SW 8260B |
| Dichlorodifluoromethane | | <1.0 | | ug/L | 09/21/2001 | 3589 | | <1.0 | eap | SW 8260B |
| 1,2-Dibromo-3-chloropropane | | <5.0 | | ug/L | 09/21/2001 | 3589 | | <5.0 | eap | SW 8260B |
| 1,2-Dichlorobenzene | | <1.0 | | ug/L | 09/21/2001 | 3589 | | <1.0 | eap | SW 8260B |
| 1,3-Dichlorobenzene | | <1.0 | | ug/L | 09/21/2001 | 3589 | | <1.0 | eap | SW 8260B |
| 1,4-Dichlorobenzene | | <1.0 | | ug/L | 09/21/2001 | 3589 | | <1.0 | eap | SW 8260B |
| 1,1-Dichloroethane | | <1.0 | | ug/L | 09/21/2001 | 3589 | | <1.0 | eap | SW 8260B |
| 1,2-Dichloroethane | | <1.0 | | ug/L | 09/21/2001 | 3589 | | <1.0 | eap | SW 8260B |
| 1,1-Dichloroethene | | <1.0 | | ug/L | 09/21/2001 | 3589 | | <1.0 | eap | SW 8260B |
| cis-1,2-Dichloroethene | | 7.0 | | ug/L | 09/21/2001 | 3589 | | <1.0 | eap | SW 8260B |
| trans-1,2-Dichloroethene | | 9.1 | | ug/L | 09/21/2001 | 3589 | | <1.0 | eap | SW 8260B |
| 1,2-Dichloropropane | | <1.0 | | ug/L | 09/21/2001 | 3589 | | <1.0 | eap | SW 8260B |
| 1,3-Dichloropropane | | <1.0 | | ug/L | 09/21/2001 | 3589 | | <1.0 | eap | SW 8260B |
| 2,2-Dichloropropane | | <1.0 | | ug/L | 09/21/2001 | 3589 | | <1.0 | eap | SW 8260B |
| 1,1-Dichloropropene | | <1.0 | | ug/L | 09/21/2001 | 3589 | | <1.0 | eap | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 706774 | SBI002:HMW32I:G091401:505 | | | | | | | | | DATE/TIME TAKEN 09/14/2001 12:00 |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/21/2001 | 3589 | 3589 | <1.0 | eap | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/21/2001 | 3589 | 3589 | <1.0 | eap | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/21/2001 | 3589 | 3589 | <1.0 | eap | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/21/2001 | 3589 | 3589 | <5.0 | eap | SW 8260B |
| | n-Hexane | 114 | | ug/L | 09/21/2001 | 3589 | 3589 | <5.0 | eap | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/21/2001 | 3589 | 3589 | <12.5 | eap | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/21/2001 | 3589 | 3589 | <1.0 | eap | SW 8260B |
| | p-Isopropyltoluene | 2.3 | | ug/L | 09/21/2001 | 3589 | 3589 | <1.0 | eap | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/21/2001 | 3589 | 3589 | <5.0 | eap | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/21/2001 | 3589 | 3589 | <5.0 | eap | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/21/2001 | 3589 | 3589 | <5.0 | eap | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/21/2001 | 3589 | 3589 | <12.5 | eap | SW 8260B |
| | n-Propylbenzene | 1.9 | | ug/L | 09/21/2001 | 3589 | 3589 | <1.0 | eap | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/21/2001 | 3589 | 3589 | <1.0 | eap | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/21/2001 | 3589 | 3589 | <5.0 | eap | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/21/2001 | 3589 | 3589 | <1.0 | eap | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/21/2001 | 3589 | 3589 | <1.0 | eap | SW 8260B |
| | Tetrachloroethene | 363 | | ug/L | 09/21/2001 | 3585 | 3585 | <10 | eap | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/21/2001 | 3589 | 3589 | <1.0 | eap | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/21/2001 | 3589 | 3589 | <5.0 | eap | SW 8260B |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/21/2001 | 3589 | 3589 | <1.0 | eap | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/21/2001 | 3589 | 3589 | <1.0 | eap | SW 8260B |
| | Trichloroethene | 98.8 | | ug/L | 09/21/2001 | 3585 | 3585 | <10 | eap | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/21/2001 | 3589 | 3589 | <1.0 | eap | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/21/2001 | 3589 | 3589 | <5.0 | eap | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/21/2001 | 3589 | 3589 | <1.0 | eap | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------------------------|---------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 706774 | SBI002:HMW32I:G091401:505 | | | | | | | | | DATE/TIME TAKEN 09/14/2001 12:00 |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| Vinyl Acetate | | <5.0 | | ug/L | 09/21/2001 | | 3589 | <5.0 | eap | SW 8260B |
| Vinyl Chloride | | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| Xylenes | | <1.0 | | ug/L | 09/21/2001 | | 3589 | <1.0 | eap | SW 8260B |
| d4-1,2-Dichloroethane (surr) | | 94 | | % | 09/21/2001 | | 3589 | | eap | SW 8260B |
| Dibromofluoromethane (surr) | | 96 | | % | 09/21/2001 | | 3589 | | eap | SW 8260B |
| d8-Toluene (surr) | | 100 | | % | 09/21/2001 | | 3589 | | eap | SW 8260B |
| Bromofluorobenzene (surr) | | 105 | | % | 09/21/2001 | | 3589 | | eap | SW 8260B |
| BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | | |
| Acenaphthene | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C |
| Acenaphthylene | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C |
| Anthracene | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C |
| Benzo(a)anthracene | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C |
| Benzo(b)fluoranthene | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C |
| Benzo(k)fluoranthene | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C |
| Benzo(a)pyrene | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C |
| Benzyl alcohol | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C |
| Benzyl butyl phthalate | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C |
| bis(2-Chloroethyl) ether | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C |
| bis(2-Chloroethoxy) methane | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C |
| bis(2-Ethylhexyl) phthalate | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C |
| 4-Bromophenyl phenyl ether | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C |
| 4-Chloroaniline | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C |
| 2-Chloronaphthalene | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|---------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 706774 | SBI002:HMW32I:G091401:505 | | | | | | | | | DATE/TIME TAKEN 09/14/2001 12:00 |
| | Chrysene | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C |
| | Dibenzo(a,h)anthracene | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C |
| | Dibenzofuran | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C |
| | 1,2-Dichlorobenzene | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C |
| | 1,3-Dichlorobenzene | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C |
| | 1,4-Dichlorobenzene | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C |
| | 3,3'-Dichlorobenzidine | <50 | | ug/L | 09/20/2001 | 1273 | 2701 | <50 | jrjw | SW 8270C |
| | Diethyl phthalate | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C |
| | Dimethyl phthalate | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C |
| | 2,4-Dinitrotoluene | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C |
| | 2,6-Dinitrotoluene | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C |
| | Di-n-octylphthalate | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C |
| | Fluoranthene | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C |
| | Fluorene | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C |
| | Hexachlorobenzene | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C |
| | Hexachloro-1,3-butadiene | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C |
| | Hexachlorocyclopentadiene | <20 | | ug/L | 09/20/2001 | 1273 | 2701 | <20 | jrjw | SW 8270C |
| | Hexachloroethane | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C |
| | Indeno(1,2,3-cd)pyrene | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C |
| | Isophorone | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C |
| | Naphthalene | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C |
| | Nitrobenzene | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C |
| | N-Nitrosodi-n-propylamine | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C |
| | Phenanthrene | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C |
| | Pyrene | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C |
| | 1,2,4-Trichlorobenzene | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|-----------------------------|---------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 706774 | SBI002:HMW32I:G091401:505 | | | | | | | | | | 09/14/2001 12:00 |
| Surrogate: d5-Nitrobenzene | | 89 | | ‡ | 09/20/2001 | 1273 | 2701 | | jrjw | SW 8270C | |
| Surrogate: 2-Fluorobiphenyl | | 88 | | ‡ | 09/20/2001 | 1273 | 2701 | | jrjw | SW 8270C | |
| Surrogate: d14-Terphenyl | | 69 | | ‡ | 09/20/2001 | 1273 | 2701 | | jrjw | SW 8270C | |
| ACID COMPOUNDS (AQ) 8270 | | | | | | | | | | | |
| Benzoic acid | | <50 | | ug/L | 09/20/2001 | 1273 | 2701 | <50 | jrjw | SW 8270C | |
| 4-Chloro-3-methylphenol | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C | |
| 2-Chlorophenol | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C | |
| 2,4-Dichlorophenol | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C | |
| 2,4-Dimethylphenol | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C | |
| 2-Methyl-4,6-dinitrophenol | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C | |
| 2-Methylphenol | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C | |
| meta & para-Methylphenol | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C | |
| 2-Nitrophenol | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C | |
| Pentachlorophenol | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C | |
| Phenol | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C | |
| 2,4,5-Trichlorophenol | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C | |
| 2,4,6-Trichlorophenol | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C | |
| Surrogate: d6-Phenol | | 80 | | ‡ | 09/20/2001 | 1273 | 2701 | | jrjw | SW 8270C | |
| Surrogate: 2-Fluorophenol | | 78 | | ‡ | 09/20/2001 | 1273 | 2701 | | jrjw | SW 8270C | |
| Surrogate: Tribromophenol | | 93 | | ‡ | 09/20/2001 | 1273 | 2701 | | jrjw | SW 8270C | |
| TPH - Method 418.1 (AQ) | | 0.7 | | mg/L | 09/26/2001 | 601 | 721 | <0.2 | sub | EPA 418.1 | |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|---------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 706775 | SBI002:HMW28D:G091401:505 | | | | | | | | | DATE/TIME TAKEN 09/14/2001 12:15 |
| ICPMS TOTAL METALS | Complete | | | | 09/26/2001 | | 2562 | Complete | ekh | SW 6020 |
| Arsenic, ICPMS | <0.0050 | mg/L | | | 09/26/2001 | 1844 | 3686 | <0.0050 | ekh | SW 6020 |
| Barium, ICPMS | 0.0375 | mg/L | | | 09/26/2001 | 1844 | 3894 | <0.0050 | ekh | SW 6020 |
| Cadmium, ICPMS | <0.0010 | mg/L | | | 09/26/2001 | 1844 | 3565 | <0.0010 | ekh | SW 6020 |
| Chromium, ICPMS (0.005) | <0.0050 | mg/L | | | 09/26/2001 | 1844 | 3965 | <0.0050 | ekh | SW 6020 |
| Lead, ICPMS | 0.0083 | mg/L | | | 09/26/2001 | 1844 | 3643 | <0.0010 | ekh | SW 6020 |
| Mercury, CVAA | <0.0002 | mg/L | | | 09/25/2001 | 1413 | 1359 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | <0.0050 | mg/L | | | 09/22/2001 | 746 | 575 | <0.0050 | jad | SW 7740 |
| Silver, ICPMS | <0.0005 | mg/L | | | 09/26/2001 | 1844 | 3901 | <0.0005 | ekh | SW 6020 |
| Metals Digestion, ICPMS | Complete | | | | 09/25/2001 | 1844 | | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | Complete | | | | 09/18/2001 | 746 | | Complete | mrt | SW 3020A |
| Manual Mercury Digestion | Complete | | | | 09/24/2001 | 1413 | | Complete | epk | SW 7470A |
| Prep, Base Neutral | Complete | | | | 09/17/2001 | 1273 | | Complete | lmc | EPA 625 ; SW 3510C ; SW 352 |
| Prep, Acid Extractable | Complete | | | | 09/17/2001 | 1273 | | Complete | lmc | EPA 625 ; SW 3510C ; SW 352 |
| Prep, TPH - 418.1 aq | Complete | | | | 09/25/2001 | 601 | | Complete | sub | EPA 418.1 |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | Complete | | | | 09/21/2001 | | 3585 | Complete | eap | |
| Acetone | <20.0 | ug/L | | | 09/21/2001 | | 3585 | <20.0 | eap | SW 8260B |
| Benzene | <1.0 | ug/L | | | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| tert-Butylbenzene | <1.0 | ug/L | | | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| sec-Butylbenzene | <1.0 | ug/L | | | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| n-Butylbenzene | <1.0 | ug/L | | | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| Bromochloromethane | <1.0 | ug/L | | | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| Bromodichloromethane | <1.0 | ug/L | | | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| Bromoform | <1.0 | ug/L | | | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 706775 | SBI002:HMW28D:G091401:505 | | | | | | | | | DATE/TIME TAKEN 09/14/2001 12:15 |
| | Bromobenzene | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | 2-Butanone (MEK) | <12.5 | | ug/L | 09/21/2001 | | 3585 | <12.5 | eap | SW 8260B |
| | Carbon disulfide | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | Carbon tetrachloride | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | Chlorobenzene | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | Chloroethane | <5.0 | | ug/L | 09/21/2001 | | 3585 | <5.0 | eap | SW 8260B |
| | 2-Chlorotoluene | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | 4-Chlorotoluene | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | Chloroform | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | Chloromethane | <5.0 | | ug/L | 09/21/2001 | | 3585 | <5.0 | eap | SW 8260B |
| | Dibromochloromethane | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | Dibromomethane | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/21/2001 | | 3585 | <5.0 | eap | SW 8260B |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | cis-1,2-Dichloroethene | 2.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 706775 | SBI002:HMW28D:G091401:505 | | | | | | | | | DATE/TIME TAKEN 09/14/2001 12:15 |
| | is-1,3-Dichloropropene | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <5.0 | eap | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <5.0 | eap | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/21/2001 | 3585 | 3585 | <12.5 | eap | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <5.0 | eap | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <5.0 | eap | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <5.0 | eap | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/21/2001 | 3585 | 3585 | <12.5 | eap | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <5.0 | eap | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B |
| | Tetrachloroethene | 1.4 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <5.0 | eap | SW 8260B |
| | 1,1,1-Trichloroethane | 1.8 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B |
| | Trichloroethene | 51.4 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <5.0 | eap | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/21/2001 | 3585 | 3585 | <1.0 | eap | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------------------------|---------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 706775 | SBI002:HMW28D:G091401:505 | | | | | | | | | | 09/14/2001 12:15 |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| Vinyl Acetate | | <5.0 | | ug/L | 09/21/2001 | | 3585 | <5.0 | eap | SW 8260B | |
| Vinyl Chloride | | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| Xylenes | | <1.0 | | ug/L | 09/21/2001 | | 3585 | <1.0 | eap | SW 8260B | |
| d4-1,2-Dichloroethane (surr) | | 93 | | % | 09/21/2001 | | 3585 | | eap | SW 8260B | |
| Dibromofluoromethane (surr) | | 98 | | % | 09/21/2001 | | 3585 | | eap | SW 8260B | |
| d8-Toluene (surr) | | 99 | | % | 09/21/2001 | | 3585 | | eap | SW 8260B | |
| Bromofluorobenzene (surr) | | 105 | | % | 09/21/2001 | | 3585 | | eap | SW 8260B | |
| BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | | | |
| Acenaphthene | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrw | SW 8270C | |
| Acenaphthylene | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrw | SW 8270C | |
| Anthracene | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrw | SW 8270C | |
| Benzo(a)anthracene | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrw | SW 8270C | |
| Benzo(b)fluoranthene | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrw | SW 8270C | |
| Benzo(k)fluoranthene | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrw | SW 8270C | |
| Benzo(a)pyrene | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrw | SW 8270C | |
| Benzyl alcohol | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrw | SW 8270C | |
| Benzyl butyl phthalate | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrw | SW 8270C | |
| bis(2-Chloroethyl)ether | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrw | SW 8270C | |
| bis(2-Chloroethoxy)methane | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrw | SW 8270C | |
| bis(2-Ethylhexyl)phthalate | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrw | SW 8270C | |
| 2,2'-oxybis(1-Chloropropane) | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrw | SW 8270C | |
| 4-Bromophenyl phenyl ether | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrw | SW 8270C | |
| 4-Chloroaniline | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrw | SW 8270C | |
| 2-Chloronaphthalene | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrw | SW 8270C | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Prep | | Reporting | Analyst | Method Reference |
|------------|---------------------------|--------|------|-------|---------------|--------------|-----------|---------|-------------------------------------|
| | | | | | Date Analyzed | Batch Number | | | |
| 706775 | SBI002:HMW28D:G091401:505 | | | | | | | | DATE/TIME TAKEN 09/14/2001 12:15 |
| | Chrysene | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrw SW 8270C |
| | Dibenzo (a,h)anthracene | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrw SW 8270C |
| | Dibenzofuran | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrw SW 8270C |
| | 1,2-Dichlorobenzene | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrw SW 8270C |
| | 1,3-Dichlorobenzene | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrw SW 8270C |
| | 1,4-Dichlorobenzene | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrw SW 8270C |
| | 3,3'-Dichlorobenzidine | <50 | | ug/L | 09/20/2001 | 1273 | 2701 | <50 | jrw SW 8270C |
| | Diethyl phthalate | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrw SW 8270C |
| | Dimethyl phthalate | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrw SW 8270C |
| | 2,4-Dinitrotoluene | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrw SW 8270C |
| | 2,6-Dinitrotoluene | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrw SW 8270C |
| | Di-n-octylphthalate | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrw SW 8270C |
| | Fluoranthene | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrw SW 8270C |
| | Fluorene | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrw SW 8270C |
| | Hexachlorobenzene | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrw SW 8270C |
| | Hexachloro-1,3-butadiene | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrw SW 8270C |
| | Hexachlorocyclopentadiene | <20 | | ug/L | 09/20/2001 | 1273 | 2701 | <20 | jrw SW 8270C |
| | Hexachloroethane | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrw SW 8270C |
| | Indeno (1,2,3-cd)pyrene | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrw SW 8270C |
| | Isophorone | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrw SW 8270C |
| | Naphthalene | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrw SW 8270C |
| | Nitrobenzene | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrw SW 8270C |
| | N-Nitrosodi-n-propylamine | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrw SW 8270C |
| | Phenanthrene | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrw SW 8270C |
| | Pyrene | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrw SW 8270C |
| | 1,2,4-Trichlorobenzene | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrw SW 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.16930

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|-----------------------------|--------------------|--------|------|-------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | 09/14/2001 12:15 |
| Surrogate: d5-Nitrobenzene | | 94 | | % | 09/20/2001 | 1273 | 2701 | | jrjw | SW 8270C | |
| Surrogate: 2-Fluorobiphenyl | | 90 | | % | 09/20/2001 | 1273 | 2701 | | jrjw | SW 8270C | |
| Surrogate: d14-Terphenyl | | 70 | | % | 09/20/2001 | 1273 | 2701 | | jrjw | SW 8270C | |
| ACID COMPOUNDS (AQ) 8270 | | | | | | | | | | | |
| Benzoic acid | | <50 | | ug/L | 09/20/2001 | 1273 | 2701 | <50 | jrjw | SW 8270C | |
| 4-Chloro-3-methylphenol | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C | |
| 2-Chlorophenol | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C | |
| 2,4-Dichlorophenol | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C | |
| 2,4-Dimethylphenol | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C | |
| 2-Methyl-4,6-dinitrophenol | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C | |
| 2-Methylphenol | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C | |
| meta & para-Methylphenol | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C | |
| 2-Nitrophenol | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C | |
| Pentachlorophenol | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C | |
| Phenol | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C | |
| 2,4,5-Trichlorophenol | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C | |
| 2,4,6-Trichlorophenol | | <10 | | ug/L | 09/20/2001 | 1273 | 2701 | <10 | jrjw | SW 8270C | |
| Surrogate: d6-Phenol | | 73 | | % | 09/20/2001 | 1273 | 2701 | | jrjw | SW 8270C | |
| Surrogate: 2-Fluorophenol | | 80 | | % | 09/20/2001 | 1273 | 2701 | | jrjw | SW 8270C | |
| Surrogate: Tribromophenol | | 92 | | % | 09/20/2001 | 1273 | 2701 | | jrjw | SW 8270C | |
| TPH - Method 418.1 (AQ) | | <0.2 | | mg/L | 09/26/2001 | 601 | 721 | <0.2 | sub | EPA 418.1 | |

QUALITY CONTROL FLAG DEFINITIONS

Job Number: 01.16930

(*) Indicates an out-of-control QC. The analytical data was reported based on other supporting quality control information.

(Note) Indicates to review the notes and comments section of the analytical report as there is additional information concerning this analytical result.

(MS) Indicates that the Matrix Spike (MS) was out of statistical advisory limits.

(MSD) Indicates that the Matrix Spike Duplicate (MSD) was out of statistical advisory limits.

(RPD) Indicates that the Relative Percent Difference (RPD) for the MS/MSD pair was outside of statistical advisory limits.

(SS) Indicates that the MS and MSD were out of statistical advisory limits.

(SSR) Indicates that the MS, MSD and RPD were out of statistical advisory limits.

(MSR) Indicates that the MS and RPD were out of statistical advisory limits.

(MSDR) Indicates that the MSD and RPD were out of statistical advisory limits.

(DL) Indicates that the MS and MSD were diluted out and the percent recoveries of the spikes could not be calculated.

(LS) Indicates that statistical accuracy and precision data is not available for spike concentrations which are $< 1/4$ of the sample amount. Care should be used in interpreting this data.

(J) Indicates estimated concentration due to internal standard areas or surrogate recoveries outside of control limits. A sample matrix effect is usually indicated.

(DW) Indicates Dry Weight.

Analytical Reporting Limits

The reporting limits listed for non-aqueous samples in the analytical report section are Practical Quantitation Limits (PQLs). These PQLs are based upon a typical standard weight used for a non-aqueous sample. The reporting limit for a sample may be different from the PQL listed depending upon the actual weight of sample used, the samples moisture content and any dilutions used during the analysis.

01.16430

NO. **5358**

CHAIN OF CUSTODY RECORD

Hull & Associates, Inc.

Dublin
 6130 Wilcox Road
 Dublin, Ohio 43016
 Phone: (614)385-8777
 Fax: (614)385-9070

Toledo
 3401 Glendale Avenue
 SUITE 300
 Toledo, Ohio 43614
 Phone: (419)385-2018
 Fax: (419)385-5489

Warrensburg Heights
 4949 Galaxy Parkway, Suite S
 Warrensville Heights, Ohio 44128
 Phone: (216)514-7100
 Fax: (216)514-7104

REPORT TO: Kevin Wildman

Client: South Bend
 Site: Area A (N. side of sample)
 Project#: SB1002 Phase: _____
 Samplers: W. Young

ALSO
 ALSO

- SAMPLE TYPES**
- A - Cool only, <4°C
 - B - HNO₃ pH<2
 - C - H₂SO₄ pH<2
 - D - NaOH pH>12
 - E - Zn acetate + NaOH, pH>8
 - F - Na₂S₂O₃ (0.008%)
 - G - HCl, pH <2
 - H - IHC, pH <2
- PRESERVATIVES**
- A - Cool only, <4°C
 - B - HNO₃ pH<2
 - C - H₂SO₄ pH<2
 - D - NaOH pH>12
 - E - Zn acetate + NaOH, pH>8
 - F - Na₂S₂O₃ (0.008%)
 - G - HCl, pH <2
 - H - IHC, pH <2
- METALS**
- A - NOT REFERRED
 - B - BOTH
 - C - NONE
 - D - BOTH
- All samples are kept at 4°C.

VAC 8270
 VAC 8260
 TRASH MATS
 TRASH MATS

| PROJECT NO. | SAMPLE LOCATION | SAMPLE TYPE | SAMPLER ID | NO. OF METALS CONT. | SAMPLING DATE/TIME | METALS | COMMENTS |
|-------------|-----------------|-------------|------------|---------------------|--------------------|---------------|----------|
| SB1002 | HMW29D G091401 | | SOS | 7 | 9-14-01 8:15 | X X X X X X X | |
| SB1002 | HMW29E G091401 | | SOS | 7 | 9-14-01 8:20 | X X X X X X X | |
| SB1002 | HMW28S G091401 | | SOS | 7 | 9-14-01 8:50 | X X X X X X X | |
| SB1002 | HMW329D G091401 | | SOS | 7 | 9-14-01 10:00 | X X X X X X X | |
| SB1002 | TBI | | | 3 | 9-14-01 | X | |
| SB1002 | HMW30D G091401 | | SOS | 7 | 9-14-01 10:45 | X X X X X X X | |
| SB1002 | HMW30T G091401 | | SOS | 7 | 9-14-01 11:00 | X X X X X X X | |
| SB1002 | HMW-32E G091401 | | SOS | 7 | 9-14-01 12:00 | X X X X X X X | |
| SB1002 | HMW28D G091401 | | SOS | 7 | 9-14-01 12:15 | X X X X X X X | |
| : | : | : | : | : | : | : | |
| : | : | : | : | : | : | : | |
| : | : | : | : | : | : | : | |

RELINQUISHED BY: W. Young DATE: 9-14-01 TIME: 13:00
 RELINQUISHED BY: _____ DATE: _____ TIME: _____
 RELINQUISHED BY: _____ DATE: _____ TIME: _____

RECEIVED BY: Capitol Courier DATE: 9-14-01 TIME: 13:00
 RECEIVED BY: _____ DATE: _____ TIME: _____

RECEIVED FOR LAB BY: W. Young DATE: 9-14-01 TIME: 8:30
 DISTRIBUTION: _____

COOLER TEMPERATURE AS RECEIVED °C: 6 °C

Deliver To: Rec. Test America
 Method of Delivery: Capitol Courier
 Airbill Number: _____

NOTES: Coolers (4)
check temp from TBI
 TURN AROUND TIME: STD DAYS

SBJ 1002

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Enclosed is the analytical report for the following samples submitted to the Dayton Division of TestAmerica, Inc. for analysis:

| <u>Sample Number</u> | <u>Sample Description</u> | <u>Date Taken</u> | <u>Date Received</u> |
|----------------------|----------------------------|-------------------|----------------------|
| 707866 | SBI002:HMW31D:G091701:523 | 09/17/2001 | 09/19/2001 |
| 707867 | SBI002:HMW31S:G091701:523 | 09/17/2001 | 09/19/2001 |
| 707868 | SBI002:HMW31I:G091701:523 | 09/17/2001 | 09/19/2001 |
| 707869 | SBI002:HMW31I:G091701D:523 | 09/17/2001 | 09/19/2001 |
| 707870 | SBI002:HMW22D:G091701:523 | 09/17/2001 | 09/19/2001 |
| 707871 | SBI002:HMW22I:G091701:523 | 09/17/2001 | 09/19/2001 |
| 707872 | SBI002:MW8D:G091701:523 | 09/17/2001 | 09/19/2001 |
| 707873 | SBI002:MW8S:G091701:523 | 09/17/2001 | 09/19/2001 |
| 707874 | SBI002:MW1D:G091701:523 | 09/17/2001 | 09/19/2001 |
| 707875 | SBI002:MW1S:G091701:523 | 09/17/2001 | 09/19/2001 |
| 707876 | SBI002:HMW8D:G091701:523 | 09/17/2001 | 09/19/2001 |
| 707877 | SBI002:HMW8I:G091701:523 | 09/17/2001 | 09/19/2001 |
| 707878 | SBI002:HMW8S:G091701:523 | 09/17/2001 | 09/19/2001 |
| 707879 | SBI002:HMW8D:G091701D:523 | 09/17/2001 | 09/19/2001 |
| 707880 | SBI002:HMW7S:G091701:523 | 09/17/2001 | 09/19/2001 |
| 707881 | SBI002:HMW35S:G091701:523 | 09/17/2001 | 09/19/2001 |
| 707882 | SBI002:HMW17D:G091701:523 | 09/17/2001 | 09/19/2001 |
| 707883 | SBI002:MW25D:G091701:523 | 09/17/2001 | 09/19/2001 |
| 707884 | SBI002:MW25S:G091701:523 | 09/17/2001 | 09/19/2001 |
| 707885 | SBI002:FB1:W091701:523 | 09/17/2001 | 09/19/2001 |

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Reproduction of this analytical report is permitted only in its entirety.

Enclosure


Approved By

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Enclosed is the analytical report for the following samples submitted to the Dayton Division of TestAmerica, Inc. for analysis:

| <u>Sample Number</u> | <u>Sample Description</u> | <u>Date Taken</u> | <u>Date Received</u> |
|----------------------|---------------------------|-------------------|----------------------|
| 707886 | SBI002:FB2:W091701:523 | 09/17/2001 | 09/19/2001 |
| 708064 | SBI002:TB1:091701 | 09/17/2001 | 09/19/2001 |

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Reproduction of this analytical report is permitted only in its entirety.

Enclosure


Approved By

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|---------------------------------------|---------------------------|--------|------|-------|---------------|-------------------|------------------|-----------------|------------------|-----------------------------|------------------|
| | | | | | | | | | | | |
| 707866 | SBI002:HMW31D:G091701:523 | | | | | | | | | | 09/17/2001 11:25 |
| ICPMS TOTAL METALS | | | | | | | | | | | |
| ICPMS TOTAL METALS | Complete | | | | 09/28/2001 | | 2566 | Complete | ekh | SW 6020 | |
| Arsenic, ICPMS | <0.0050 | | | mg/L | 09/28/2001 | 1847 | 3691 | <0.0050 | ekh | SW 6020 | |
| Barium, ICPMS | 0.0852 | | | mg/L | 09/28/2001 | 1847 | 3899 | <0.0050 | ekh | SW 6020 | |
| Cadmium, ICPMS | <0.0010 | | | mg/L | 09/28/2001 | 1847 | 3570 | <0.0010 | ekh | SW 6020 | |
| Chromium, ICPMS (0.005) | <0.0050 | | | mg/L | 09/28/2001 | 1847 | 3970 | <0.0050 | ekh | SW 6020 | |
| Lead, ICPMS | 0.0052 | | | mg/L | 09/28/2001 | 1847 | 3648 | <0.0010 | ekh | SW 6020 | |
| Mercury, CVAA | <0.0002 | | | mg/L | 09/25/2001 | 1415 | 1361 | <0.0002 | epk | SW 7470A | |
| Selenium, GFAA | <0.0050 | | | mg/L | 09/27/2001 | 752 | 578 | <0.0050 | lnh | SW 7740 | |
| Silver, ICPMS | <0.0005 | | | mg/L | 09/28/2001 | 1847 | 3905 | <0.0005 | ekh | SW 6020 | |
| Metals Digestion, ICPMS | Complete | | | | 09/26/2001 | 1847 | | Complete | clm | SW 3010A | |
| Metals Digestion, GFAA | Complete | | | | 09/26/2001 | 752 | | Complete | clm | SW 3020A | |
| Manual Mercury Digestion | Complete | | | | 09/24/2001 | 1415 | | Complete | epk | SW 7470A | |
| Prep, Base Neutral | Complete | | | | 09/20/2001 | 1276 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 | |
| Prep, Acid Extractable | Complete | | | | 09/20/2001 | 1276 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 | |
| Prep, TPH - 418.1 aq | Complete | | | | 09/26/2001 | 603 | | Complete | 260 | EPA 418.1 | |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | | |
| 8260 - SW846 (AQ) | Complete | | | | 09/25/2001 | | 3601 | Complete | dmg | | |
| Acetone | <20.0 | | | ug/L | 09/25/2001 | | 3601 | <20.0 | dmg | SW 8260B | |
| Benzene | <1.0 | | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| tert-Butylbenzene | <1.0 | | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| sec-Butylbenzene | <1.0 | | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| n-Butylbenzene | <1.0 | | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| Bromochloromethane | <1.0 | | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| Bromodichloromethane | <1.0 | | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| Bromoform | <1.0 | | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|---------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707866 | SBI002:HMW31D:G091701:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 11:25 |
| Bromobenzene | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| 2-Butanone (MEK) | | <12.5 | | ug/L | 09/25/2001 | 3601 | 3601 | <12.5 | dmg | SW 8260B |
| Carbon disulfide | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| Carbon tetrachloride | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| Chlorobenzene | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| Chloroethane | | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B |
| 2-Chlorotoluene | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| 4-Chlorotoluene | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| Chloroform | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| Chloromethane | | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B |
| Dibromochloromethane | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| Dibromomethane | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| Dichlorodifluoromethane | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| 1,2-Dibromo-3-chloropropane | | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B |
| 1,2-Dichlorobenzene | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| 1,3-Dichlorobenzene | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| 1,4-Dichlorobenzene | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| 1,1-Dichloroethane | | 1.3 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| 1,2-Dichloroethane | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| 1,1-Dichloroethene | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| cis-1,2-Dichloroethene | | 1.6 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| trans-1,2-Dichloroethene | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| 1,2-Dichloropropane | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| 1,3-Dichloropropane | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| 2,2-Dichloropropane | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| 1,1-Dichloropropene | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707866 | SBI002:HMW31D:G091701:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 11:25 |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| | n-Hexane | 78.2 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/25/2001 | | 3601 | <12.5 | dmg | SW 8260B |
| | Isopropylbenzene (Cumene) | 3.6 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/25/2001 | | 3601 | <12.5 | dmg | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Tetrachloroethene | 1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Trichloroethene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------------------------|---------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707866 | SBI002:HMW31D:G091701:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 11:25 |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| Vinyl Acetate | | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B |
| Vinyl Chloride | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| Xylenes | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| d4-1,2-Dichloroethane (surr) | | 97 | | % | 09/25/2001 | 3601 | 3601 | | dmg | SW 8260B |
| Dibromofluoromethane (surr) | | 94 | | % | 09/25/2001 | 3601 | 3601 | | dmg | SW 8260B |
| d8-Toluene (surr) | | 97 | | % | 09/25/2001 | 3601 | 3601 | | dmg | SW 8260B |
| Bromofluorobenzene (surr) | | 98 | | % | 09/25/2001 | 3601 | 3601 | | dmg | SW 8260B |
| BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | | |
| Acenaphthene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| Acenaphthylene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| Anthracene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| Benzo(a)anthracene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| Benzo(b)fluoranthene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| Benzo(k)fluoranthene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| Benzo(a)pyrene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| Benzyl alcohol | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| Benzyl butyl phthalate | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| bis(2-Chloroethyl) ether | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| bis(2-Chloroethoxy)methane | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| bis(2-Ethylhexyl)phthalate | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| 4-Bromophenyl phenyl ether | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| 4-Chloroaniline | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| 2-Chloronaphthalene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting | Analyst | Method Reference |
|------------|---------------------------|--------|------|-------|---------------|--------------|--------------|-----------|---------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707866 | SBI002:HMW31D:G091701:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 11:25 |
| | Chrysene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | Dibenzo (a, h) anthracene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | Dibenzofuran | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | 1,2-Dichlorobenzene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | 1,3-Dichlorobenzene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | 1,4-Dichlorobenzene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | 3,3'-Dichlorobenzidine | <50 | | ug/L | 09/24/2001 | 1276 | 2708 | <50 | jrjw | SW 8270C |
| | Diethyl phthalate | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | Dimethyl phthalate | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | 2,4-Dinitrotoluene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | 2,6-Dinitrotoluene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | Di-n-octylphthalate | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | Fluoranthene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | Fluorene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | Hexachlorobenzene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | Hexachloro-1,3-butadiene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | Hexachlorocyclopentadiene | <20 | | ug/L | 09/24/2001 | 1276 | 2708 | <20 | jrjw | SW 8270C |
| | Hexachloroethane | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | Indeno (1,2,3-cd) pyrene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | Isophorone | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | Naphthalene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | Nitrobenzene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | N-Nitrosodi-n-propylamine | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | Phenanthrene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | Pyrene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | 1,2,4-Trichlorobenzene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|---------------------------------|--------------------|--------|------|-------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | 09/17/2001 11:25 |
| Surrogate: d5-Nitrobenzene | | 103 | | % | 09/24/2001 | 1276 | 2708 | | jrjw | SW 8270C | |
| Surrogate: 2-Fluorobiphenyl | | 83 | | % | 09/24/2001 | 1276 | 2708 | | jrjw | SW 8270C | |
| Surrogate: d14-Terphenyl | | 60 | | % | 09/24/2001 | 1276 | 2708 | | jrjw | SW 8270C | |
| ACID COMPOUNDS (AQ) 8270 | | | | | | | | | | | |
| Benzoic acid | | <50 | | ug/L | 09/24/2001 | 1276 | 2708 | <50 | jrjw | SW 8270C | |
| 4-Chloro-3-methylphenol | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| 2-Chlorophenol | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| 2,4-Dichlorophenol | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| 2,4-Dimethylphenol | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| 2-Methyl-4,6-dinitrophenol | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| 2-Methylphenol | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| meta & para-Methylphenol | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| 2-Nitrophenol | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| Pentachlorophenol | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| Phenol | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| 2,4,5-Trichlorophenol | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| 2,4,6-Trichlorophenol | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| Surrogate: d6-Phenol | | 63 | | % | 09/24/2001 | 1276 | 2708 | | jrjw | SW 8270C | |
| Surrogate: 2-Fluorophenol | | 59 | | % | 09/24/2001 | 1276 | 2708 | | jrjw | SW 8270C | |
| Surrogate: Tribromophenol | | 61 | note | % | 09/24/2001 | 1276 | 2708 | | jrjw | SW 8270C | |
| TPH - Method 418.1 (AQ) | | 13 | | mg/L | 09/27/2001 | 603 | 724 | <0.2 | 260 | EPA 418.1 | |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|---------------------------|----------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 707867 | SBI002:HMW31S:G091701:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 11:40 |
| ICPMS TOTAL METALS | | Complete | | | 09/29/2001 | | 2572 | Complete | ekh | SW 6020 |
| Arsenic, ICPMS | | 0.121 | | mg/L | 09/29/2001 | 1848 | 3699 | <0.0050 | ekh | SW 6020 |
| Barium, ICPMS | | 1.02 | | mg/L | 09/29/2001 | 1848 | 3907 | <0.0050 | ekh | SW 6020 |
| Cadmium, ICPMS | | 0.0068 | | mg/L | 09/29/2001 | 1848 | 3578 | <0.0010 | ekh | SW 6020 |
| Chromium, ICPMS (0.005) | | 0.0553 | | mg/L | 09/29/2001 | 1848 | 3978 | <0.0050 | ekh | SW 6020 |
| Lead, ICPMS | | 0.387 | | mg/L | 09/29/2001 | 1848 | 3656 | <0.0010 | ekh | SW 6020 |
| Mercury, CVAA | | 0.0005 | | mg/L | 09/25/2001 | 1415 | 1361 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | | <0.0050 | | mg/L | 09/27/2001 | 753 | 578 | <0.0050 | lnh | SW 7740 |
| Silver, ICPMS | | <0.0005 | | mg/L | 09/29/2001 | 1848 | 3913 | <0.0005 | ekh | SW 6020 |
| Metals Digestion, ICPMS | | Complete | | | 09/26/2001 | 1848 | | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | | Complete | | | 09/26/2001 | 753 | | Complete | clm | SW 3020A |
| Manual Mercury Digestion | | Complete | | | 09/24/2001 | 1415 | | Complete | epk | SW 7470A |
| Prep, Base Neutral | | Complete | | | 09/24/2001 | 1278 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, Acid Extractable | | Complete | | | 09/24/2001 | 1278 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, TPH - 418.1 aq | | Complete | | | 09/26/2001 | 603 | | Complete | 260 | EPA 418.1 |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | | Complete | | | 09/25/2001 | | 3601 | Complete | dmg | |
| Acetone | | <20.0 | | ug/L | 09/25/2001 | | 3601 | <20.0 | dmg | SW 8260B |
| Benzene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| tert-Butylbenzene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| sec-Butylbenzene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| n-Butylbenzene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Bromochloromethane | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Bromodichloromethane | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Bromoform | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707867 | SBI002:HMW31S:G091701:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 11:40 |
| | Bromobenzene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | 2-Butanone (MEK) | <12.5 | | ug/L | 09/25/2001 | | 3601 | <12.5 | dmg | SW 8260B |
| | Carbon disulfide | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Carbon tetrachloride | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Chlorobenzene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Chloroethane | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| | 2-Chlorotoluene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | 4-Chlorotoluene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Chloroform | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Chloromethane | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| | Dibromochloromethane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Dibromomethane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 707867 | SBI002:HMW31S:G091701:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 11:40 |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/25/2001 | | 3601 | <12.5 | dmg | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/25/2001 | | 3601 | <12.5 | dmg | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Tetrachloroethene | 11.8 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| | 1,1,1-Trichloroethane | 1.4 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Trichloroethene | 2.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------------------------|---------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 707867 | SBI002:HMW31S:G091701:523 | | | | | | | | | | 09/17/2001 11:40 |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| Vinyl Acetate | | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B | |
| Vinyl Chloride | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| Xylenes | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| d4-1,2-Dichloroethane (surr) | | 100 | | % | 09/25/2001 | | 3601 | | dmg | SW 8260B | |
| Dibromofluoromethane (surr) | | 97 | | % | 09/25/2001 | | 3601 | | dmg | SW 8260B | |
| d8-Toluene (surr) | | 97 | | % | 09/25/2001 | | 3601 | | dmg | SW 8260B | |
| Bromofluorobenzene (surr) | | 106 | | % | 09/25/2001 | | 3601 | | dmg | SW 8260B | |
| BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | | | |
| Acenaphthene | | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C | |
| Acenaphthylene | | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C | |
| Anthracene | | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C | |
| Benzo(a)anthracene | | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C | |
| Benzo(b)fluoranthene | | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C | |
| Benzo(k)fluoranthene | | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C | |
| Benzo(a)pyrene | | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C | |
| Benzyl alcohol | | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C | |
| Benzyl butyl phthalate | | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C | |
| bis(2-Chloroethyl)ether | | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C | |
| bis(2-Chloroethoxy)methane | | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C | |
| bis(2-Ethylhexyl)phthalate | | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C | |
| 2,2'-oxybis(1-Chloropropane) | | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C | |
| 4-Bromophenyl phenyl ether | | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C | |
| 4-Chloroaniline | | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C | |
| 2-Chloronaphthalene | | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|---------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707867 | SBI002:HMW31S:G091701:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 11:40 |
| | Chrysene | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C |
| | Dibenzo(a,h)anthracene | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C |
| | Dibenzofuran | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C |
| | 1,2-Dichlorobenzene | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C |
| | 1,3-Dichlorobenzene | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C |
| | 1,4-Dichlorobenzene | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C |
| | 3,3'-Dichlorobenzidine | <50 | | ug/L | 09/26/2001 | 1278 | 2704 | <50 | jcs | SW 8270C |
| | Diethyl phthalate | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C |
| | Dimethyl phthalate | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C |
| | 2,4-Dinitrotoluene | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C |
| | 2,6-Dinitrotoluene | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C |
| | Di-n-octylphthalate | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C |
| | Fluoranthene | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C |
| | Fluorene | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C |
| | Hexachlorobenzene | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C |
| | Hexachloro-1,3-butadiene | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C |
| | Hexachlorocyclopentadiene | <20 | | ug/L | 09/26/2001 | 1278 | 2704 | <20 | jcs | SW 8270C |
| | Hexachloroethane | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C |
| | Indeno(1,2,3-cd)pyrene | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C |
| | Isophorone | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C |
| | Naphthalene | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C |
| | Nitrobenzene | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C |
| | N-Nitrosodi-n-propylamine | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C |
| | Phenanthrene | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C |
| | Pyrene | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C |
| | 1,2,4-Trichlorobenzene | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C |

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707867 | SBI002:HMW31S:G091701:523 | | | | | | | | | |
| | Surrogate: d5-Nitrobenzene | 99 | | † | 09/26/2001 | 1278 | 2704 | | jcs | SW 8270C |
| | Surrogate: 2-Fluorobiphenyl | 88 | | † | 09/26/2001 | 1278 | 2704 | | jcs | SW 8270C |
| | Surrogate: d14-Terphenyl | 58 | | † | 09/26/2001 | 1278 | 2704 | | jcs | SW 8270C |
| | ACID COMPOUNDS (AQ) 8270 | | | | | | | | | |
| | Benzoic acid | <50 | | ug/L | 09/26/2001 | 1278 | 2704 | <50 | jcs | SW 8270C |
| | 4-Chloro-3-methylphenol | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C |
| | 2-Chlorophenol | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C |
| | 2,4-Dichlorophenol | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C |
| | 2,4-Dimethylphenol | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C |
| | 2-Methyl-4,6-dinitrophenol | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C |
| | 2-Methylphenol | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C |
| | meta & para-Methylphenol | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C |
| | 2-Nitrophenol | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C |
| | Pentachlorophenol | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C |
| | Phenol | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C |
| | 2,4,5-Trichlorophenol | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C |
| | 2,4,6-Trichlorophenol | <10 | | ug/L | 09/26/2001 | 1278 | 2704 | <10 | jcs | SW 8270C |
| | Surrogate: d6-Phenol | 69 | | † | 09/26/2001 | 1278 | 2704 | | jcs | SW 8270C |
| | Surrogate: 2-Fluorophenol | 72 | | † | 09/26/2001 | 1278 | 2704 | | jcs | SW 8270C |
| | Surrogate: Tribromophenol | 54 | | † | 09/26/2001 | 1278 | 2704 | | jcs | SW 8270C |
| | TPH - Method 418.1 (AQ) | <0.2 | | mg/L | 09/27/2001 | 603 | 724 | <0.2 | 260 | EPA 418.1 |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|---------------------------------------|---------------------------|--------|------|-------|------------|-------|-------|-----------|---------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | | | |
| 707868 | SBI002:HMW31I:G091701:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 12:50 |
| ICPMS TOTAL METALS | | | | | | | | | | |
| | Complete | | | | 09/29/2001 | | 2572 | Complete | ekh | SW 6020 |
| Arsenic, ICPMS | <0.0050 | | | mg/L | 09/29/2001 | 1848 | 3699 | <0.0050 | ekh | SW 6020 |
| Barium, ICPMS | 0.0706 | | | mg/L | 09/29/2001 | 1848 | 3907 | <0.0050 | ekh | SW 6020 |
| Cadmium, ICPMS | <0.0010 | | | mg/L | 09/29/2001 | 1848 | 3578 | <0.0010 | ekh | SW 6020 |
| Chromium, ICPMS (0.005) | <0.0050 | | | mg/L | 09/29/2001 | 1848 | 3978 | <0.0050 | ekh | SW 6020 |
| Lead, ICPMS | 0.0079 | | | mg/L | 09/29/2001 | 1848 | 3656 | <0.0010 | ekh | SW 6020 |
| Mercury, CVAA | <0.0002 | | | mg/L | 09/25/2001 | 1415 | 1361 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | <0.0050 | | | mg/L | 09/27/2001 | 753 | 578 | <0.0050 | lnh | SW 7740 |
| Silver, ICPMS | <0.0005 | | | mg/L | 09/29/2001 | 1848 | 3913 | <0.0005 | ekh | SW 6020 |
| Metals Digestion, ICPMS | Complete | | | | 09/26/2001 | 1848 | | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | Complete | | | | 09/26/2001 | 753 | | Complete | clm | SW 3020A |
| Manual Mercury Digestion | Complete | | | | 09/24/2001 | 1415 | | Complete | epk | SW 7470A |
| Prep, Base Neutral | Complete | | | | 09/20/2001 | 1276 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, Acid Extractable | Complete | | | | 09/20/2001 | 1276 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, TPH - 418.1 aq | Complete | | | | 09/26/2001 | 603 | | Complete | 260 | EPA 418.1 |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | Complete | | | | 09/25/2001 | | 3601 | Complete | dmg | |
| Acetone | <20.0 | | | ug/L | 09/25/2001 | | 3601 | <20.0 | dmg | SW 8260B |
| Benzene | <1.0 | | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| tert-Butylbenzene | <1.0 | | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| sec-Butylbenzene | 9.8 | | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| n-Butylbenzene | 10.3 | | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Bromochloromethane | <1.0 | | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Bromodichloromethane | <1.0 | | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Bromoform | <1.0 | | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|-----------------------------|---------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 707868 | SBI002:HMW31I:G091701:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 12:50 |
| Bromobenzene | | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| 2-Butanone (MEK) | | <12.5 | | ug/L | 09/25/2001 | 3601 | | <12.5 | dmg | SW 8260B |
| Carbon disulfide | | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| Carbon tetrachloride | | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| Chlorobenzene | | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| Chloroethane | | <5.0 | | ug/L | 09/25/2001 | 3601 | | <5.0 | dmg | SW 8260B |
| 2-Chlorotoluene | | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| 4-Chlorotoluene | | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| Chloroform | | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| Chloromethane | | <5.0 | | ug/L | 09/25/2001 | 3601 | | <5.0 | dmg | SW 8260B |
| Dibromochloromethane | | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| Dibromomethane | | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| Dichlorodifluoromethane | | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| 1,2-Dibromo-3-chloropropane | | <5.0 | | ug/L | 09/25/2001 | 3601 | | <5.0 | dmg | SW 8260B |
| 1,2-Dichlorobenzene | | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| 1,3-Dichlorobenzene | | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| 1,4-Dichlorobenzene | | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| 1,1-Dichloroethane | | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| 1,2-Dichloroethane | | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| 1,1-Dichloroethene | | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| cis-1,2-Dichloroethene | | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| trans-1,2-Dichloroethene | | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| 1,2-Dichloropropane | | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| 1,3-Dichloropropane | | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| 2,2-Dichloropropane | | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| 1,1-Dichloropropene | | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 707868 | SBI002:HMW31I:G091701:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 12:50 |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| | n-Hexane | 68.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/25/2001 | | 3601 | <12.5 | dmg | SW 8260B |
| | Isopropylbenzene (Cumene) | 3.2 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | p-Isopropyltoluene | 5.1 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/25/2001 | | 3601 | <12.5 | dmg | SW 8260B |
| | n-Propylbenzene | 4.1 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Tetrachloroethene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Trichloroethene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------------------------|---------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707868 | SBI002:HMW31I:G091701:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 12:50 |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Vinyl Acetate | | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| Vinyl Chloride | | 1.5 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Xylenes | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| d4-1,2-Dichloroethane (surr) | | 94 | | % | 09/25/2001 | | 3601 | | dmg | SW 8260B |
| Dibromofluoromethane (surr) | | 92 | | % | 09/25/2001 | | 3601 | | dmg | SW 8260B |
| d8-Toluene (surr) | | 97 | | % | 09/25/2001 | | 3601 | | dmg | SW 8260B |
| Bromofluorobenzene (surr) | | 99 | | % | 09/25/2001 | | 3601 | | dmg | SW 8260B |
| BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | | |
| Acenaphthene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| Acenaphthylene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| Anthracene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| Benzo(a)anthracene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| Benzo(b)fluoranthene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| Benzo(k)fluoranthene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| Benzo(a)pyrene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| Benzyl alcohol | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| Benzyl butyl phthalate | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| bis(2-Chloroethyl) ether | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| bis(2-Chloroethoxy)methane | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| bis(2-Ethylhexyl)phthalate | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| 4-Bromophenyl phenyl ether | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| 4-Chloroaniline | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| 2-Chloronaphthalene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|---------------------------|---------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707868 | SBI002:HMW31I:G091701:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 12:50 |
| Chrysene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| Dibenzo(a,h)anthracene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| Dibenzofuran | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| 1,2-Dichlorobenzene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| 1,3-Dichlorobenzene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| 1,4-Dichlorobenzene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| 3,3'-Dichlorobenzidine | | <50 | | ug/L | 09/24/2001 | 1276 | 2708 | <50 | jrw | SW 8270C |
| Diethyl phthalate | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| Dimethyl phthalate | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| 2,4-Dinitrotoluene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| 2,6-Dinitrotoluene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| Di-n-octylphthalate | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| Fluoranthene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| Fluorene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| Hexachlorobenzene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| Hexachloro-1,3-butadiene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| Hexachlorocyclopentadiene | | <20 | | ug/L | 09/24/2001 | 1276 | 2708 | <20 | jrw | SW 8270C |
| Hexachloroethane | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| Indeno(1,2,3-cd)pyrene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| Isophorone | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| Naphthalene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| Nitrobenzene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| N-Nitrosodi-n-propylamine | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| Phenanthrene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| Pyrene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| 1,2,4-Trichlorobenzene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|---------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 707868 | SBI002:HMW31I:G091701:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 12:50 |
| Surrogate: d5-Nitrobenzene | | 82 | | † | 09/24/2001 | 1276 | 2708 | | jrw | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 81 | | † | 09/24/2001 | 1276 | 2708 | | jrw | SW 8270C |
| Surrogate: d14-Terphenyl | | 54 | | † | 09/24/2001 | 1276 | 2708 | | jrw | SW 8270C |
| ACID COMPOUNDS (AQ) 8270 | | | | | | | | | | |
| Benzoic acid | | <50 | | ug/L | 09/24/2001 | 1276 | 2708 | <50 | jrw | SW 8270C |
| 4-Chloro-3-methylphenol | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| 2-Chlorophenol | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| 2,4-Dichlorophenol | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| 2,4-Dimethylphenol | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| 2-Methylphenol | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| meta & para-Methylphenol | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| 2-Nitrophenol | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| Pentachlorophenol | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| Phenol | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| 2,4,5-Trichlorophenol | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| 2,4,6-Trichlorophenol | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| Surrogate: d6-Phenol | | 70 | | † | 09/24/2001 | 1276 | 2708 | | jrw | SW 8270C |
| Surrogate: 2-Fluorophenol | | 72 | | † | 09/24/2001 | 1276 | 2708 | | jrw | SW 8270C |
| Surrogate: Tribromophenol | | 82 | note | † | 09/24/2001 | 1276 | 2708 | | jrw | SW 8270C |
| TPH - Method 418.1 (AQ) | | 1.4 | | mg/L | 09/27/2001 | 603 | 724 | <2 | 260 | EPA 418.1 |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|----------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 707869 | SBI002:HMW31I:G091701D:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 12:50 |
| ICPMS TOTAL METALS | Complete | | | | 09/29/2001 | | 2572 | Complete | ekh | SW 6020 |
| Arsenic, ICPMS | <0.0050 | mg/L | | | 09/29/2001 | 1848 | 3699 | <0.0050 | ekh | SW 6020 |
| Barium, ICPMS | 0.0732 | mg/L | | | 09/29/2001 | 1848 | 3907 | <0.0050 | ekh | SW 6020 |
| Cadmium, ICPMS | <0.0010 | mg/L | | | 09/29/2001 | 1848 | 3578 | <0.0010 | ekh | SW 6020 |
| Chromium, ICPMS (0.005) | <0.0050 | mg/L | | | 09/29/2001 | 1848 | 3978 | <0.0050 | ekh | SW 6020 |
| Lead, ICPMS | 0.0088 | mg/L | | | 09/29/2001 | 1848 | 3656 | <0.0010 | ekh | SW 6020 |
| Mercury, CVAA | <0.0002 | mg/L | | | 09/25/2001 | 1415 | 1361 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | <0.0050 | mg/L | | | 09/27/2001 | 753 | 578 | <0.0050 | lnh | SW 7740 |
| Silver, ICPMS | <0.0005 | mg/L | | | 09/29/2001 | 1848 | 3913 | <0.0005 | ekh | SW 6020 |
| Metals Digestion, ICPMS | Complete | | | | 09/26/2001 | 1848 | | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | Complete | | | | 09/26/2001 | 753 | | Complete | clm | SW 3020A |
| Manual Mercury Digestion | Complete | | | | 09/24/2001 | 1415 | | Complete | epk | SW 7470A |
| Prep, Base Neutral | Complete | | | | 09/20/2001 | 1276 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, Acid Extractable | Complete | | | | 09/20/2001 | 1276 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | Complete | | | | 09/25/2001 | | 3601 | Complete | dmg | |
| Acetone | <20.0 | ug/L | | | 09/25/2001 | | 3601 | <20.0 | dmg | SW 8260B |
| Benzene | <1.0 | ug/L | | | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| tert-Butylbenzene | <1.0 | ug/L | | | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| sec-Butylbenzene | 9.9 | ug/L | | | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| n-Butylbenzene | 10.3 | ug/L | | | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Bromochloromethane | <1.0 | ug/L | | | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Bromodichloromethane | <1.0 | ug/L | | | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Bromoform | <1.0 | ug/L | | | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Bromobenzene | <1.0 | ug/L | | | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|-----------------------------|----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 707869 | SBI002:HMW31I:G091701D:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 12:50 |
| 2-Butanone (MEK) | | <12.5 | | ug/L | 09/25/2001 | 3601 | 3601 | <12.5 | dmg | SW 8260B |
| Carbon disulfide | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| Carbon tetrachloride | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| Chlorobenzene | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| Chloroethane | | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B |
| 2-Chlorotoluene | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| 4-Chlorotoluene | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| Chloroform | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| Chloromethane | | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B |
| Dibromochloromethane | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| Dibromomethane | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| Dichlorodifluoromethane | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| 1,2-Dibromo-3-chloropropane | | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B |
| 1,2-Dichlorobenzene | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| 1,3-Dichlorobenzene | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| 1,4-Dichlorobenzene | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| 1,1-Dichloroethane | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| 1,2-Dichloroethane | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| 1,1-Dichloroethene | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| cis-1,2-Dichloroethene | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| trans-1,2-Dichloroethene | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| 1,2-Dichloropropane | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| 1,3-Dichloropropane | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| 2,2-Dichloropropane | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| 1,1-Dichloropropene | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| cis-1,3-Dichloropropene | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 707869 | SBI002:HMW31I:G091701D:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 12:50 |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| | n-Hexane | 83.6 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/25/2001 | | 3601 | <12.5 | dmg | SW 8260B |
| | Isopropylbenzene (Cumene) | 3.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | p-Isopropyltoluene | 5.2 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/25/2001 | | 3601 | <12.5 | dmg | SW 8260B |
| | n-Propylbenzene | 4.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Tetrachloroethene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Trichloroethene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------------------------|----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707869 | SBI002:HMW31I:G091701D:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 12:50 |
| Vinyl Acetate | | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| Vinyl Chloride | | 1.3 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Xylenes | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| d4-1,2-Dichloroethane (surr) | | 88 | | % | 09/25/2001 | | 3601 | | dmg | SW 8260B |
| Dibromofluoromethane (surr) | | 92 | | % | 09/25/2001 | | 3601 | | dmg | SW 8260B |
| d8-Toluene (surr) | | 98 | | % | 09/25/2001 | | 3601 | | dmg | SW 8260B |
| Bromofluorobenzene (surr) | | 94 | | % | 09/25/2001 | | 3601 | | dmg | SW 8260B |
| BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | | |
| Acenaphthene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| Acenaphthylene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| Anthracene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| Benzo(a)anthracene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| Benzo(b)fluoranthene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| Benzo(k)fluoranthene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| Benzo(a)pyrene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| Benzyl alcohol | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| Benzyl butyl phthalate | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| bis(2-Chloroethyl) ether | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| bis(2-Chloroethoxy)methane | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| bis(2-Ethylhexyl)phthalate | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| 4-Bromophenyl phenyl ether | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| 4-Chloroaniline | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| 2-Chloronaphthalene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| Chrysene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|----------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 707869 | SBI002:HMW31I:G091701D:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 12:50 |
| | Dibenzo(a,h)anthracene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | Dibenzofuran | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | 1,2-Dichlorobenzene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | 1,3-Dichlorobenzene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | 1,4-Dichlorobenzene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | 3,3'-Dichlorobenzidine | <50 | | ug/L | 09/24/2001 | 1276 | 2708 | <50 | jrjw | SW 8270C |
| | Diethyl phthalate | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | Dimethyl phthalate | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | 2,4-Dinitrotoluene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | 2,6-Dinitrotoluene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | Di-n-octylphthalate | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | Fluoranthene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | Fluorene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | Hexachlorobenzene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | Hexachloro-1,3-butadiene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | Hexachlorocyclopentadiene | <20 | | ug/L | 09/24/2001 | 1276 | 2708 | <20 | jrjw | SW 8270C |
| | Hexachloroethane | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | Indeno(1,2,3-cd)pyrene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | Isophorone | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | Naphthalene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | Nitrobenzene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | N-Nitrosodi-n-propylamine | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | Phenanthrene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | Pyrene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | 1,2,4-Trichlorobenzene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| | Surrogate: d5-Nitrobenzene | 77 | | % | 09/24/2001 | 1276 | 2708 | | jrjw | SW 8270C |

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707869 | SBI002:HMW31I:G091701D:523 | | | | | | | | | |
| | Surrogate: 2-Fluorobiphenyl | 76 | | % | 09/24/2001 | 1276 | 2708 | | jrw | SW 8270C |
| | Surrogate: d14-Terphenyl | 45 | | % | 09/24/2001 | 1276 | 2708 | | jrw | SW 8270C |
| | ACID COMPOUNDS (AQ) 8270 | | | | | | | | | |
| | Benzoic acid | <50 | | ug/L | 09/24/2001 | 1276 | 2708 | <50 | jrw | SW 8270C |
| | 4-Chloro-3-methylphenol | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| | 2-Chlorophenol | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| | 2,4-Dichlorophenol | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| | 2,4-Dimethylphenol | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| | 2-Methyl-4,6-dinitrophenol | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| | 2-Methylphenol | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| | meta & para-Methylphenol | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| | 2-Nitrophenol | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| | Pentachlorophenol | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| | Phenol | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| | 2,4,5-Trichlorophenol | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| | 2,4,6-Trichlorophenol | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| | Surrogate: d6-Phenol | 36 | | % | 09/24/2001 | 1276 | 2708 | | jrw | SW 8270C |
| | Surrogate: 2-Fluorophenol | 40 | | % | 09/24/2001 | 1276 | 2708 | | jrw | SW 8270C |
| | Surrogate: Tribromophenol | 49 | note | % | 09/24/2001 | 1276 | 2708 | | jrw | SW 8270C |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|---------------------------------------|---------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 707870 | SBI002:HMW22D:G091701:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 14:30 |
| ICPMS TOTAL METALS | | | | | | | | | | |
| | Complete | | | | 09/29/2001 | | 2572 | Complete | ekh | SW 6020 |
| Arsenic, ICPMS | <0.0050 | mg/L | | | 09/29/2001 | 1848 | 3699 | <0.0050 | ekh | SW 6020 |
| Barium, ICPMS | 0.0763 | mg/L | | | 09/29/2001 | 1848 | 3907 | <0.0050 | ekh | SW 6020 |
| Cadmium, ICPMS | <0.0010 | mg/L | | | 09/29/2001 | 1848 | 3578 | <0.0010 | ekh | SW 6020 |
| Chromium, ICPMS (0.005) | <0.0050 | mg/L | | | 09/29/2001 | 1848 | 3978 | <0.0050 | ekh | SW 6020 |
| Lead, ICPMS | 0.0030 | mg/L | | | 09/29/2001 | 1848 | 3656 | <0.0010 | ekh | SW 6020 |
| Mercury, CVAA | <0.0002 | mg/L | | | 09/25/2001 | 1415 | 1361 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | <0.0050 | mg/L | | | 09/28/2001 | 753 | 579 | <0.0050 | lnh | SW 7740 |
| Silver, ICPMS | <0.0005 | mg/L | | | 09/29/2001 | 1848 | 3913 | <0.0005 | ekh | SW 6020 |
| Metals Digestion, ICPMS | Complete | | | | 09/26/2001 | 1848 | | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | Complete | | | | 09/26/2001 | 753 | | Complete | clm | SW 3020A |
| Manual Mercury Digestion | Complete | | | | 09/24/2001 | 1415 | | Complete | epk | SW 7470A |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | Complete | | | | 09/25/2001 | | 3601 | Complete | dmg | |
| Acetone | <20.0 | ug/L | | | 09/25/2001 | | 3601 | <20.0 | dmg | SW 8260B |
| Benzene | <1.0 | ug/L | | | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| tert-Butylbenzene | <1.0 | ug/L | | | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| sec-Butylbenzene | <1.0 | ug/L | | | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| n-Butylbenzene | <1.0 | ug/L | | | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Bromochloromethane | <1.0 | ug/L | | | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Bromodichloromethane | <1.0 | ug/L | | | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Bromoform | <1.0 | ug/L | | | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Bromobenzene | <1.0 | ug/L | | | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| 2-Butanone (MEK) | <12.5 | ug/L | | | 09/25/2001 | | 3601 | <12.5 | dmg | SW 8260B |
| Carbon disulfide | <1.0 | ug/L | | | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|---------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707870 | SBI002:HMW22D:G091701:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 14:30 |
| Carbon tetrachloride | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Chlorobenzene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Chloroethane | | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| 2-Chlorotoluene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| 4-Chlorotoluene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Chloroform | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Chloromethane | | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| Dibromochloromethane | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Dibromomethane | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Dichlorodifluoromethane | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| 1,2-Dibromo-3-chloropropane | | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| 1,2-Dichlorobenzene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| 1,3-Dichlorobenzene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| 1,4-Dichlorobenzene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| 1,1-Dichloroethane | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| 1,2-Dichloroethane | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| 1,1-Dichloroethene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| cis-1,2-Dichloroethene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| trans-1,2-Dichloroethene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| 1,2-Dichloropropane | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| 1,3-Dichloropropane | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| 2,2-Dichloropropane | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| 1,1-Dichloropropene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| cis-1,3-Dichloropropene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| trans-1,3-Dichloropropene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Ethylbenzene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707870 | SBI002:HMW22D:G091701:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 14:30 |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/25/2001 | 3601 | 3601 | <12.5 | dmg | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/25/2001 | 3601 | 3601 | <12.5 | dmg | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | Tetrachloroethene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | Trichloroethene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | Vinyl Acetate | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B |
| | Vinyl Chloride | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------------------------|---------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707870 | SBI002:HMW22D:G091701:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 14:30 |
| Xylenes | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| d4-1,2-Dichloroethane (surr) | | 94 | | % | 09/25/2001 | | 3601 | | dmg | SW 8260B |
| Dibromofluoromethane (surr) | | 96 | | % | 09/25/2001 | | 3601 | | dmg | SW 8260B |
| d8-Toluene (surr) | | 97 | | % | 09/25/2001 | | 3601 | | dmg | SW 8260B |
| Bromofluorobenzene (surr) | | 98 | | % | 09/25/2001 | | 3601 | | dmg | SW 8260B |

SAMPLE NO. 707871 **SAMPLE DESCRIPTION** SBI002:HMW22I:G091701:523 **DATE/TIME TAKEN** 09/17/2001 14:20

| | | | | | | | | | | |
|--------------------------|----------|--|--|------|------------|------|------|----------|-----|----------|
| ICPMS TOTAL METALS | Complete | | | | 09/29/2001 | | 2572 | Complete | ekh | SW 6020 |
| Arsenic, ICPMS | 0.0077 | | | mg/L | 09/29/2001 | 1848 | 3699 | <0.0050 | ekh | SW 6020 |
| Barium, ICPMS | 0.0618 | | | mg/L | 09/29/2001 | 1848 | 3907 | <0.0050 | ekh | SW 6020 |
| Cadmium, ICPMS | <0.0010 | | | mg/L | 09/29/2001 | 1848 | 3578 | <0.0010 | ekh | SW 6020 |
| Chromium, ICPMS (0.005) | <0.0050 | | | mg/L | 09/29/2001 | 1848 | 3978 | <0.0050 | ekh | SW 6020 |
| Lead, ICPMS | 0.0058 | | | mg/L | 09/29/2001 | 1848 | 3656 | <0.0010 | ekh | SW 6020 |
| Mercury, CVAA | <0.0002 | | | mg/L | 09/25/2001 | 1415 | 1361 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | <0.0050 | | | mg/L | 09/28/2001 | 753 | 579 | <0.0050 | lnh | SW 7740 |
| Silver, ICPMS | <0.0005 | | | mg/L | 09/29/2001 | 1848 | 3913 | <0.0005 | ekh | SW 6020 |
| Metals Digestion, ICPMS | Complete | | | | 09/26/2001 | 1848 | | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | Complete | | | | 09/26/2001 | 753 | | Complete | clm | SW 3020A |
| Manual Mercury Digestion | Complete | | | | 09/24/2001 | 1415 | | Complete | epk | SW 7470A |

VOLATILE COMPOUNDS - 8260 (AQ)

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|-----------------------------|---------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 707871 | SBI002:HMW22I:G091701:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 14:20 |
| 160 - SW846 (AQ) | Complete | | | | 09/25/2001 | 3601 | 3601 | Complete | dmg | |
| Acetone | <20.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <20.0 | dmg | SW 8260B |
| Benzene | <1.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| tert-Butylbenzene | <1.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| sec-Butylbenzene | <1.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| n-Butylbenzene | <1.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| Bromochloromethane | <1.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| Bromodichloromethane | <1.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| Bromoform | <1.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| Bromobenzene | <1.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| 2-Butanone (MEK) | <12.5 | ug/L | | | 09/25/2001 | 3601 | 3601 | <12.5 | dmg | SW 8260B |
| Carbon disulfide | <1.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| Carbon tetrachloride | <1.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| Chlorobenzene | <1.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| Chloroethane | <5.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B |
| 2-Chlorotoluene | <1.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| 4-Chlorotoluene | <1.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| Chloroform | <1.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| Chloromethane | <5.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B |
| Dibromochloromethane | <1.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| Dibromomethane | <1.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| Dichlorodifluoromethane | <1.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| 1,2-Dibromo-3-chloropropane | <5.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B |
| 1,2-Dichlorobenzene | <1.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| 1,3-Dichlorobenzene | <1.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| 1,4-Dichlorobenzene | <1.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707871 | SBI002:HMW22I:G091701:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 14:20 |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/25/2001 | 3601 | 3601 | <12.5 | dmg | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/25/2001 | 3601 | 3601 | <12.5 | dmg | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting | Analyst | Method Reference |
|------------|------------------------------|--------|------|-------|---------------|--------------|--------------|-----------|---------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707871 | SBI002:HMW22I:G091701:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 14:20 |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B |
| | 1,1,1-Trichloroethane | 1.2 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | Trichloroethene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | Vinyl Acetate | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B |
| | Vinyl Chloride | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | Xylenes | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | d4-1,2-Dichloroethane (surr) | 95 | | % | 09/25/2001 | 3601 | 3601 | | dmg | SW 8260B |
| | Dibromofluoromethane (surr) | 96 | | % | 09/25/2001 | 3601 | 3601 | | dmg | SW 8260B |
| | d8-Toluene (surr) | 96 | | % | 09/25/2001 | 3601 | 3601 | | dmg | SW 8260B |
| | Bromofluorobenzene (surr) | 101 | | % | 09/25/2001 | 3601 | 3601 | | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|-------------------------|----------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 707872 | SBI002:MW8D:G091701:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 15:15 |
| ICPMS TOTAL METALS | | Complete | | | 09/29/2001 | | 2572 | Complete | ekh | SW 6020 |
| Arsenic, ICPMS | | <0.0050 | | mg/L | 09/29/2001 | 1848 | 3699 | <0.0050 | ekh | SW 6020 |
| Barium, ICPMS | | 0.0474 | | mg/L | 09/29/2001 | 1848 | 3907 | <0.0050 | ekh | SW 6020 |
| Cadmium, ICPMS | | <0.0010 | | mg/L | 09/29/2001 | 1848 | 3578 | <0.0010 | ekh | SW 6020 |
| Chromium, ICPMS (0.005) | | <0.0050 | | mg/L | 09/29/2001 | 1848 | 3978 | <0.0050 | ekh | SW 6020 |
| Lead, ICPMS | | 0.0057 | | mg/L | 09/29/2001 | 1848 | 3656 | <0.0010 | ekh | SW 6020 |
| Mercury, CVAA | | <0.0002 | | mg/L | 09/25/2001 | 1415 | 1361 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | | <0.0050 | | mg/L | 09/28/2001 | 753 | 579 | <0.0050 | lnh | SW 7740 |
| Silver, ICPMS | | <0.0005 | | mg/L | 09/29/2001 | 1848 | 3913 | <0.0005 | ekh | SW 6020 |
| Metals Digestion, ICPMS | | Complete | | | 09/26/2001 | 1848 | | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | | Complete | | | 09/26/2001 | 753 | | Complete | clm | SW 3020A |
| Manual Mercury Digestion | | Complete | | | 09/24/2001 | 1415 | | Complete | epk | SW 7470A |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | | Complete | | | 09/25/2001 | | 3601 | Complete | dmg | |
| Acetone | | <20.0 | | ug/L | 09/25/2001 | | 3601 | <20.0 | dmg | SW 8260B |
| Benzene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| tert-Butylbenzene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| sec-Butylbenzene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| n-Butylbenzene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Bromochloromethane | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Bromodichloromethane | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Bromoform | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Bromobenzene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| 2-Butanone (MEK) | | <12.5 | | ug/L | 09/25/2001 | | 3601 | <12.5 | dmg | SW 8260B |
| Carbon disulfide | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707872 | SBI002:MW8D:G091701:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 15:15 |
| | Carbon tetrachloride | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | Chlorobenzene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | Chloroethane | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B |
| | 2-Chlorotoluene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | 4-Chlorotoluene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | Chloroform | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | Chloromethane | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B |
| | Dibromochloromethane | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | Dibromomethane | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|-----------------------------|-------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 707872 | SBI002:MW8D:G091701:523 | | | | | | | | | | 09/17/2001 15:15 |
| Hexachlorobutadiene | | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B | |
| n-Hexane | | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B | |
| 2-Hexanone | | <12.5 | | ug/L | 09/25/2001 | 3601 | 3601 | <12.5 | dmg | SW 8260B | |
| Isopropylbenzene (Cumene) | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| p-Isopropyltoluene | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| Bromomethane | | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B | |
| Methylene Chloride | | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B | |
| Methyl t-butyl ether (MTBE) | | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B | |
| 4-Methyl-2-pentanone (MIBK) | | <12.5 | | ug/L | 09/25/2001 | 3601 | 3601 | <12.5 | dmg | SW 8260B | |
| n-Propylbenzene | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| Styrene | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| Naphthalene | | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B | |
| 1,1,1,2-Tetrachloroethane | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| 1,1,2,2-Tetrachloroethane | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| Tetrachloroethene | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| Toluene | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| 1,2,4-Trichlorobenzene | | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B | |
| 1,1,1-Trichloroethane | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| 1,1,2-Trichloroethane | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| Trichloroethene | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| Trichlorofluoromethane | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| 1,2,3-Trichloropropane | | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B | |
| 1,2,4-Trimethylbenzene | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| Vinyl Acetate | | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B | |
| Vinyl Chloride | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-------------------------|--------|------|-------|----------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 707872 | SBI002:MW8D:G091701:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 15:15 |

| | | | | | | | | | |
|------------------------------|------|--|------|------------|--|------|------|-----|----------|
| Hylenes | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| d4-1,2-Dichloroethane (surr) | 92 | | % | 09/25/2001 | | 3601 | | dmg | SW 8260B |
| Dibromofluoromethane (surr) | 96 | | % | 09/25/2001 | | 3601 | | dmg | SW 8260B |
| d8-Toluene (surr) | 96 | | % | 09/25/2001 | | 3601 | | dmg | SW 8260B |
| Bromofluorobenzene (surr) | 100 | | % | 09/25/2001 | | 3601 | | dmg | SW 8260B |

| SAMPLE NO. | SAMPLE DESCRIPTION | DATE/TIME TAKEN |
|------------|-------------------------|------------------|
| 707873 | SBI002:MW8S:G091701:523 | 09/17/2001 15:30 |

| | | | | | | | | | |
|--------------------------|----------|------|--|------------|------|------|----------|-----|----------|
| ICPMS TOTAL METALS | Complete | | | 09/29/2001 | | 2572 | Complete | ekh | SW 6020 |
| Arsenic, ICPMS | <0.0050 | mg/L | | 09/29/2001 | 1848 | 3699 | <0.0050 | ekh | SW 6020 |
| Barium, ICPMS | 0.0297 | mg/L | | 09/29/2001 | 1848 | 3907 | <0.0050 | ekh | SW 6020 |
| Cadmium, ICPMS | <0.0010 | mg/L | | 09/29/2001 | 1848 | 3578 | <0.0010 | ekh | SW 6020 |
| Chromium, ICPMS (0.005) | <0.0050 | mg/L | | 09/29/2001 | 1848 | 3978 | <0.0050 | ekh | SW 6020 |
| Lead, ICPMS | 0.0085 | mg/L | | 09/29/2001 | 1848 | 3656 | <0.0010 | ekh | SW 6020 |
| Mercury, CVAA | <0.0002 | mg/L | | 09/25/2001 | 1415 | 1361 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | <0.0050 | mg/L | | 09/28/2001 | 753 | 579 | <0.0050 | lnh | SW 7740 |
| Silver, ICPMS | <0.0005 | mg/L | | 09/29/2001 | 1848 | 3913 | <0.0005 | ekh | SW 6020 |
| Metals Digestion, ICPMS | Complete | | | 09/26/2001 | 1848 | | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | Complete | | | 09/26/2001 | 753 | | Complete | clm | SW 3020A |
| Manual Mercury Digestion | Complete | | | 09/24/2001 | 1415 | | Complete | epk | SW 7470A |

VOLATILE COMPOUNDS - 8260 (AQ)

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|-------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707873 | SBI002:MW8S:G091701:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 15:30 |
| 8260 - SW846 (AQ) | Complete | | | | 09/25/2001 | 3601 | Complete | dmg | | |
| Acetone | <20.0 | ug/L | | | 09/25/2001 | 3601 | <20.0 | dmg | | SW 8260B |
| Benzene | <1.0 | ug/L | | | 09/25/2001 | 3601 | <1.0 | dmg | | SW 8260B |
| tert-Butylbenzene | <1.0 | ug/L | | | 09/25/2001 | 3601 | <1.0 | dmg | | SW 8260B |
| sec-Butylbenzene | <1.0 | ug/L | | | 09/25/2001 | 3601 | <1.0 | dmg | | SW 8260B |
| n-Butylbenzene | <1.0 | ug/L | | | 09/25/2001 | 3601 | <1.0 | dmg | | SW 8260B |
| Bromochloromethane | <1.0 | ug/L | | | 09/25/2001 | 3601 | <1.0 | dmg | | SW 8260B |
| Bromodichloromethane | <1.0 | ug/L | | | 09/25/2001 | 3601 | <1.0 | dmg | | SW 8260B |
| Bromoform | <1.0 | ug/L | | | 09/25/2001 | 3601 | <1.0 | dmg | | SW 8260B |
| Bromobenzene | <1.0 | ug/L | | | 09/25/2001 | 3601 | <1.0 | dmg | | SW 8260B |
| 2-Butanone (MEK) | <12.5 | ug/L | | | 09/25/2001 | 3601 | <12.5 | dmg | | SW 8260B |
| Carbon disulfide | <1.0 | ug/L | | | 09/25/2001 | 3601 | <1.0 | dmg | | SW 8260B |
| Carbon tetrachloride | <1.0 | ug/L | | | 09/25/2001 | 3601 | <1.0 | dmg | | SW 8260B |
| Chlorobenzene | <1.0 | ug/L | | | 09/25/2001 | 3601 | <1.0 | dmg | | SW 8260B |
| Chloroethane | <5.0 | ug/L | | | 09/25/2001 | 3601 | <5.0 | dmg | | SW 8260B |
| 2-Chlorotoluene | <1.0 | ug/L | | | 09/25/2001 | 3601 | <1.0 | dmg | | SW 8260B |
| 4-Chlorotoluene | <1.0 | ug/L | | | 09/25/2001 | 3601 | <1.0 | dmg | | SW 8260B |
| Chloroform | <1.0 | ug/L | | | 09/25/2001 | 3601 | <1.0 | dmg | | SW 8260B |
| Chloromethane | <5.0 | ug/L | | | 09/25/2001 | 3601 | <5.0 | dmg | | SW 8260B |
| Dibromochloromethane | <1.0 | ug/L | | | 09/25/2001 | 3601 | <1.0 | dmg | | SW 8260B |
| Dibromomethane | <1.0 | ug/L | | | 09/25/2001 | 3601 | <1.0 | dmg | | SW 8260B |
| Dichlorodifluoromethane | <1.0 | ug/L | | | 09/25/2001 | 3601 | <1.0 | dmg | | SW 8260B |
| 1,2-Dibromo-3-chloropropane | <5.0 | ug/L | | | 09/25/2001 | 3601 | <5.0 | dmg | | SW 8260B |
| 1,2-Dichlorobenzene | <1.0 | ug/L | | | 09/25/2001 | 3601 | <1.0 | dmg | | SW 8260B |
| 1,3-Dichlorobenzene | <1.0 | ug/L | | | 09/25/2001 | 3601 | <1.0 | dmg | | SW 8260B |
| 1,4-Dichlorobenzene | <1.0 | ug/L | | | 09/25/2001 | 3601 | <1.0 | dmg | | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting | Analyst | Limit | Initials | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------|---------|-------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | | | |
| 707873 | SBI002:MW8S:G091701:523 | | | | | | | | | | | DATE/TIME TAKEN 09/17/2001 15:30 |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | | dmg | | SW 8260B |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | | dmg | | SW 8260B |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | | dmg | | SW 8260B |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | | dmg | | SW 8260B |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | | dmg | | SW 8260B |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | | dmg | | SW 8260B |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | | dmg | | SW 8260B |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | | dmg | | SW 8260B |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | | dmg | | SW 8260B |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | | dmg | | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | | dmg | | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | | dmg | | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | | dmg | | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | | dmg | | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/25/2001 | | 3601 | <12.5 | | dmg | | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | | dmg | | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | | dmg | | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | | dmg | | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | | dmg | | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | | dmg | | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/25/2001 | | 3601 | <12.5 | | dmg | | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | | dmg | | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | | dmg | | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | | dmg | | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | | dmg | | SW 8260B |
| | 1,1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | | dmg | | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------------------------|-------------------------|--------|------------|-------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 707873 | SBI002:MW8S:G091701:523 | | | | | | | | | |
| | | | | | | | | | | DATE/TIME TAKEN 09/17/2001 15:30 |
| Tetrachloroethene | <1.0 | ug/L | 09/25/2001 | 3601 | <1.0 | dmg | SW 8260B | | | |
| Toluene | <1.0 | ug/L | 09/25/2001 | 3601 | <1.0 | dmg | SW 8260B | | | |
| 1,2,4-Trichlorobenzene | <5.0 | ug/L | 09/25/2001 | 3601 | <5.0 | dmg | SW 8260B | | | |
| 1,1,1-Trichloroethane | <1.0 | ug/L | 09/25/2001 | 3601 | <1.0 | dmg | SW 8260B | | | |
| 1,1,2-Trichloroethane | <1.0 | ug/L | 09/25/2001 | 3601 | <1.0 | dmg | SW 8260B | | | |
| Trichloroethene | <1.0 | ug/L | 09/25/2001 | 3601 | <1.0 | dmg | SW 8260B | | | |
| Trichlorofluoromethane | <1.0 | ug/L | 09/25/2001 | 3601 | <1.0 | dmg | SW 8260B | | | |
| 1,2,3-Trichloropropane | <5.0 | ug/L | 09/25/2001 | 3601 | <5.0 | dmg | SW 8260B | | | |
| 1,2,4-Trimethylbenzene | <1.0 | ug/L | 09/25/2001 | 3601 | <1.0 | dmg | SW 8260B | | | |
| 1,3,5-Trimethylbenzene | <1.0 | ug/L | 09/25/2001 | 3601 | <1.0 | dmg | SW 8260B | | | |
| Vinyl Acetate | <5.0 | ug/L | 09/25/2001 | 3601 | <5.0 | dmg | SW 8260B | | | |
| Vinyl Chloride | <1.0 | ug/L | 09/25/2001 | 3601 | <1.0 | dmg | SW 8260B | | | |
| Xylenes | <1.0 | ug/L | 09/25/2001 | 3601 | <1.0 | dmg | SW 8260B | | | |
| d4-1,2-Dichloroethane (surr) | 93 | % | 09/25/2001 | 3601 | | dmg | SW 8260B | | | |
| Dibromofluoromethane (surr) | 96 | % | 09/25/2001 | 3601 | | dmg | SW 8260B | | | |
| d8-Toluene (surr) | 96 | % | 09/25/2001 | 3601 | | dmg | SW 8260B | | | |
| Bromofluorobenzene (surr) | 101 | % | 09/25/2001 | 3601 | | dmg | SW 8260B | | | |

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|-------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 707874 | SBI002:MW1D:G091701:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 15:40 |
| ICPMS TOTAL METALS | Complete | | | | 10/01/2001 | | 2577 | Complete | kmb | SW 6020 |
| Arsenic, ICPMS | <0.0050 | mg/L | | | 09/29/2001 | 1848 | 3699 | <0.0050 | ekh | SW 6020 |
| Barium, ICPMS | 0.0620 | mg/L | | | 09/29/2001 | 1848 | 3907 | <0.0050 | ekh | SW 6020 |
| Cadmium, ICPMS | <0.0010 | mg/L | | | 09/29/2001 | 1848 | 3578 | <0.0010 | ekh | SW 6020 |
| Chromium, ICPMS (0.005) | <0.0050 | mg/L | | | 09/29/2001 | 1848 | 3978 | <0.0050 | ekh | SW 6020 |
| Lead, ICPMS | 0.0011 | mg/L | | | 10/01/2001 | 1848 | 3663 | <0.0010 | kmb | SW 6020 |
| Mercury, CVAA | <0.0002 | mg/L | | | 09/25/2001 | 1415 | 1361 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | <0.0050 | mg/L | | | 09/28/2001 | 753 | 579 | <0.0050 | lnh | SW 7740 |
| Silver, ICPMS | <0.0005 | mg/L | | | 09/29/2001 | 1848 | 3913 | <0.0005 | ekh | SW 6020 |
| Metals Digestion, ICPMS | Complete | | | | 09/26/2001 | 1848 | | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | Complete | | | | 09/26/2001 | 753 | | Complete | clm | SW 3020A |
| Manual Mercury Digestion | Complete | | | | 09/24/2001 | 1415 | | Complete | epk | SW 7470A |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | Complete | | | | 09/25/2001 | | 3601 | Complete | dmg | |
| Acetone | <20.0 | ug/L | | | 09/25/2001 | | 3601 | <20.0 | dmg | SW 8260B |
| Benzene | <1.0 | ug/L | | | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| tert-Butylbenzene | <1.0 | ug/L | | | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| sec-Butylbenzene | <1.0 | ug/L | | | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| n-Butylbenzene | <1.0 | ug/L | | | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Bromochloromethane | <1.0 | ug/L | | | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Bromodichloromethane | <1.0 | ug/L | | | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Bromoform | <1.0 | ug/L | | | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Bromobenzene | <1.0 | ug/L | | | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| 2-Butanone (MEK) | <12.5 | ug/L | | | 09/25/2001 | | 3601 | <12.5 | dmg | SW 8260B |
| Carbon disulfide | <1.0 | ug/L | | | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|-------------------------|--------|------------|-------|----------|-------|----------|-----------|----------|------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 707874 | SBI002:MWID:G091701:523 | | | | | | | | | |
| | | | | | | | | | | DATE/TIME TAKEN |
| | | | | | | | | | | 09/17/2001 15:40 |
| Carbon tetrachloride | <1.0 | ug/L | 09/25/2001 | 3601 | <1.0 | dmg | SW 8260B | | | |
| Chlorobenzene | <1.0 | ug/L | 09/25/2001 | 3601 | <1.0 | dmg | SW 8260B | | | |
| Chloroethane | <5.0 | ug/L | 09/25/2001 | 3601 | <5.0 | dmg | SW 8260B | | | |
| 2-Chlorotoluene | <1.0 | ug/L | 09/25/2001 | 3601 | <1.0 | dmg | SW 8260B | | | |
| 4-Chlorotoluene | <1.0 | ug/L | 09/25/2001 | 3601 | <1.0 | dmg | SW 8260B | | | |
| Chloroform | <1.0 | ug/L | 09/25/2001 | 3601 | <1.0 | dmg | SW 8260B | | | |
| Chloromethane | <5.0 | ug/L | 09/25/2001 | 3601 | <5.0 | dmg | SW 8260B | | | |
| Dibromochloromethane | <1.0 | ug/L | 09/25/2001 | 3601 | <1.0 | dmg | SW 8260B | | | |
| Dibromomethane | <1.0 | ug/L | 09/25/2001 | 3601 | <1.0 | dmg | SW 8260B | | | |
| Dichlorodifluoromethane | <1.0 | ug/L | 09/25/2001 | 3601 | <1.0 | dmg | SW 8260B | | | |
| 1,2-Dibromo-3-chloropropane | <5.0 | ug/L | 09/25/2001 | 3601 | <5.0 | dmg | SW 8260B | | | |
| 1,2-Dichlorobenzene | <1.0 | ug/L | 09/25/2001 | 3601 | <1.0 | dmg | SW 8260B | | | |
| 1,3-Dichlorobenzene | <1.0 | ug/L | 09/25/2001 | 3601 | <1.0 | dmg | SW 8260B | | | |
| 1,4-Dichlorobenzene | <1.0 | ug/L | 09/25/2001 | 3601 | <1.0 | dmg | SW 8260B | | | |
| 1,1-Dichloroethane | <1.0 | ug/L | 09/25/2001 | 3601 | <1.0 | dmg | SW 8260B | | | |
| 1,2-Dichloroethane | <1.0 | ug/L | 09/25/2001 | 3601 | <1.0 | dmg | SW 8260B | | | |
| 1,1-Dichloroethene | <1.0 | ug/L | 09/25/2001 | 3601 | <1.0 | dmg | SW 8260B | | | |
| cis-1,2-Dichloroethene | <1.0 | ug/L | 09/25/2001 | 3601 | <1.0 | dmg | SW 8260B | | | |
| trans-1,2-Dichloroethene | <1.0 | ug/L | 09/25/2001 | 3601 | <1.0 | dmg | SW 8260B | | | |
| 1,2-Dichloropropane | <1.0 | ug/L | 09/25/2001 | 3601 | <1.0 | dmg | SW 8260B | | | |
| 1,3-Dichloropropane | <1.0 | ug/L | 09/25/2001 | 3601 | <1.0 | dmg | SW 8260B | | | |
| 2,2-Dichloropropane | <1.0 | ug/L | 09/25/2001 | 3601 | <1.0 | dmg | SW 8260B | | | |
| 1,1-Dichloropropene | <1.0 | ug/L | 09/25/2001 | 3601 | <1.0 | dmg | SW 8260B | | | |
| cis-1,3-Dichloropropene | <1.0 | ug/L | 09/25/2001 | 3601 | <1.0 | dmg | SW 8260B | | | |
| trans-1,3-Dichloropropene | <1.0 | ug/L | 09/25/2001 | 3601 | <1.0 | dmg | SW 8260B | | | |
| Ethylbenzene | <1.0 | ug/L | 09/25/2001 | 3601 | <1.0 | dmg | SW 8260B | | | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|-------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707874 | SBI002:MWID:G091701:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 15:40 |
| Hexachlorobutadiene | | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| n-Hexane | | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| 2-Hexanone | | <12.5 | | ug/L | 09/25/2001 | | 3601 | <12.5 | dmg | SW 8260B |
| Isopropylbenzene (Cumene) | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| p-Isopropyltoluene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Bromomethane | | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| Methylene Chloride | | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| Methyl t-butyl ether (MTBE) | | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| 4-Methyl-2-pentanone (MIBK) | | <12.5 | | ug/L | 09/25/2001 | | 3601 | <12.5 | dmg | SW 8260B |
| n-Propylbenzene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Styrene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Naphthalene | | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| 1,1,1,2-Tetrachloroethane | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| 1,1,2,2-Tetrachloroethane | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Tetrachloroethene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Toluene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| 1,2,4-Trichlorobenzene | | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| 1,1,1-Trichloroethane | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| 1,1,2-Trichloroethane | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Trichloroethene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Trichlorofluoromethane | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| 1,2,3-Trichloropropane | | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| 1,2,4-Trimethylbenzene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Vinyl Acetate | | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| Vinyl Chloride | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------------------------|-------------------------|--------|------|-------|------------|-------|-------|-----------|---------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | | | |
| 707874 | SBI002:MW1D:G091701:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 15:40 |
| Xylenes | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| d4-1,2-Dichloroethane (surr) | | 96 | | % | 09/25/2001 | | 3601 | | dmg | SW 8260B |
| Dibromofluoromethane (surr) | | 99 | | % | 09/25/2001 | | 3601 | | dmg | SW 8260B |
| d8-Toluene (surr) | | 96 | | % | 09/25/2001 | | 3601 | | dmg | SW 8260B |
| Bromofluorobenzene (surr) | | 103 | | % | 09/25/2001 | | 3601 | | dmg | SW 8260B |

SAMPLE NO. 707875 **SAMPLE DESCRIPTION** SBI002:MW1S:G091701:523 **DATE/TIME TAKEN** 09/17/2001 15:55

| | | | | | | | | | | |
|--------------------------|----------|--|--|------|------------|------|------|----------|-----|----------|
| ICPMS TOTAL METALS | Complete | | | | 09/29/2001 | | 2572 | Complete | ekh | SW 6020 |
| Arsenic, ICPMS | <0.0050 | | | mg/L | 09/29/2001 | 1848 | 3699 | <0.0050 | ekh | SW 6020 |
| Barium, ICPMS | 0.0538 | | | mg/L | 09/29/2001 | 1848 | 3907 | <0.0050 | ekh | SW 6020 |
| Cadmium, ICPMS | <0.0010 | | | mg/L | 09/29/2001 | 1848 | 3578 | <0.0010 | ekh | SW 6020 |
| Chromium, ICPMS (0.005) | <0.0050 | | | mg/L | 09/29/2001 | 1848 | 3978 | <0.0050 | ekh | SW 6020 |
| Lead, ICPMS | 0.0146 | | | mg/L | 09/29/2001 | 1848 | 3656 | <0.0010 | ekh | SW 6020 |
| Mercury, CVAA | <0.0002 | | | mg/L | 09/25/2001 | 1415 | 1361 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | <0.0050 | | | mg/L | 10/09/2001 | 753 | 582 | <0.0050 | lnh | SW 7740 |
| Silver, ICPMS | <0.0005 | | | mg/L | 09/29/2001 | 1848 | 3913 | <0.0005 | ekh | SW 6020 |
| Metals Digestion, ICPMS | Complete | | | | 09/26/2001 | 1848 | | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | Complete | | | | 09/26/2001 | 753 | | Complete | clm | SW 3020A |
| Manual Mercury Digestion | Complete | | | | 09/24/2001 | 1415 | | Complete | epk | SW 7470A |

VOLATILE COMPOUNDS - 8260 (AQ)

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|-----------------------------|--------------------|----------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 50 - SW846 (AQ) | | Complete | | | 09/25/2001 | 3601 | 3601 | Complete | dmg | | 09/17/2001 15:55 |
| Acetone | | <20.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <20.0 | dmg | SW 8260B | |
| Benzene | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| tert-Butylbenzene | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| sec-Butylbenzene | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| n-Butylbenzene | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| Bromochloromethane | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| Bromodichloromethane | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| Bromoform | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| Bromobenzene | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| 2-Butanone (MEK) | | <12.5 | | ug/L | 09/25/2001 | 3601 | 3601 | <12.5 | dmg | SW 8260B | |
| Carbon disulfide | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| Carbon tetrachloride | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| Chlorobenzene | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| Chloroethane | | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B | |
| 2-Chlorotoluene | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| 4-Chlorotoluene | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| Chloroform | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| Chloromethane | | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B | |
| Dibromochloromethane | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| Dibromomethane | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| Dichlorodifluoromethane | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| 1,2-Dibromo-3-chloropropane | | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B | |
| 1,2-Dichlorobenzene | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| 1,3-Dichlorobenzene | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| 1,4-Dichlorobenzene | | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 707875 | SBI002:MW1S:G091701:523 | | | | | | | | | | 09/17/2001 15:55 |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| | cis-1,2-Dichloroethene | 2.7 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| | Ethylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B | |
| | n-Hexane | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B | |
| | 2-Hexanone | <12.5 | | ug/L | 09/25/2001 | | 3601 | <12.5 | dmg | SW 8260B | |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| | Bromomethane | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B | |
| | Methylene Chloride | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B | |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B | |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/25/2001 | | 3601 | <12.5 | dmg | SW 8260B | |
| | n-Propylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| | Styrene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| | Naphthalene | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B | |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|------------|------------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 707875 | SBI002:MW1S:G091701:523 | | | | | | | | | | 09/17/2001 15:55 |
| | 1,1,1-Trichloroethane | 403 | | ug/L | 09/26/2001 | | 3602 | <10 | mrh | SW 8260B | |
| | Toluene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B | |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| | Trichloroethene | 4.4 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B | |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| | Vinyl Acetate | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B | |
| | Vinyl Chloride | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| | Xylenes | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| | d4-1,2-Dichloroethane (surr) | 96 | | ‡ | 09/25/2001 | | 3601 | | dmg | SW 8260B | |
| | Dibromofluoromethane (surr) | 99 | | ‡ | 09/25/2001 | | 3601 | | dmg | SW 8260B | |
| | d8-Toluene (surr) | 96 | | ‡ | 09/25/2001 | | 3601 | | dmg | SW 8260B | |
| | Bromofluorobenzene (surr) | 109 | | ‡ | 09/25/2001 | | 3601 | | dmg | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|--------------------------------|--------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 707876 | SBI002:HMW8D:G091701:523 | | | | | | | | | | 09/17/2001 16:30 |
| ICPMS TOTAL METALS | | | | | | | | | | | |
| | Complete | | | | 10/01/2001 | | 2577 | Complete | knb | SW 6020 | |
| Arsenic, ICPMS | <0.0050 | | | mg/L | 09/29/2001 | 1848 | 3699 | <0.0050 | ekh | SW 6020 | |
| Barium, ICPMS | 0.0818 | | | mg/L | 09/29/2001 | 1848 | 3907 | <0.0050 | ekh | SW 6020 | |
| Cadmium, ICPMS | <0.0010 | | | mg/L | 09/29/2001 | 1848 | 3578 | <0.0010 | ekh | SW 6020 | |
| Chromium, ICPMS (0.005) | <0.0050 | | | mg/L | 10/01/2001 | 1848 | 3983 | <0.0050 | knb | SW 6020 | |
| Lead, ICPMS | 0.0048 | | | mg/L | 09/29/2001 | 1848 | 3656 | <0.0010 | ekh | SW 6020 | |
| Mercury, CVAA | <0.0002 | | | mg/L | 09/25/2001 | 1415 | 1361 | <0.0002 | epk | SW 7470A | |
| Selenium, GFAA | <0.0050 | | | mg/L | 09/28/2001 | 753 | 579 | <0.0050 | lnh | SW 7740 | |
| Silver, ICPMS | <0.0005 | | | mg/L | 09/29/2001 | 1848 | 3913 | <0.0005 | ekh | SW 6020 | |
| Metals Digestion, ICPMS | Complete | | | | 09/26/2001 | 1848 | | Complete | clm | SW 3010A | |
| Metals Digestion, GFAA | Complete | | | | 09/26/2001 | 753 | | Complete | clm | SW 3020A | |
| Manual Mercury Digestion | Complete | | | | 09/24/2001 | 1415 | | Complete | epk | SW 7470A | |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | | |
| 8260 - SW846 (AQ) | Complete | | | | 09/26/2001 | | 3602 | Complete | mrh | | |
| Acetone | <20.0 | | | ug/L | 09/26/2001 | | 3602 | <20.0 | mrh | SW 8260B | |
| Benzene | <1.0 | | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B | |
| tert-Butylbenzene | <1.0 | | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B | |
| sec-Butylbenzene | <1.0 | | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B | |
| n-Butylbenzene | <1.0 | | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B | |
| Bromochloromethane | <1.0 | | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B | |
| Bromodichloromethane | <1.0 | | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B | |
| Bromoform | <1.0 | | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B | |
| Bromobenzene | <1.0 | | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B | |
| 2-Butanone (MEK) | <12.5 | | | ug/L | 09/26/2001 | | 3602 | <12.5 | mrh | SW 8260B | |
| Carbon disulfide | <1.0 | | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 707876 | SBI002:HMW8D:G091701:523 | | | | | | | | | | 09/17/2001 16:30 |
| | Carbon tetrachloride | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | Chlorobenzene | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | Chloroethane | <5.0 | | ug/L | 09/26/2001 | 3602 | | <5.0 | mrh | SW 8260B | |
| | 2-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | 4-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | Chloroform | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | Chloromethane | <5.0 | | ug/L | 09/26/2001 | 3602 | | <5.0 | mrh | SW 8260B | |
| | Dibromochloromethane | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | Dibromomethane | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/26/2001 | 3602 | | <5.0 | mrh | SW 8260B | |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | Ethylbenzene | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|--------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707876 | SBI002:HMW8D:G091701:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 16:30 |
| Hexachlorobutadiene | | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B |
| n-Hexane | | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B |
| 2-Hexanone | | <12.5 | | ug/L | 09/26/2001 | 3602 | 3602 | <12.5 | mrh | SW 8260B |
| Isopropylbenzene (Cumene) | | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| p-Isopropyltoluene | | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| Bromomethane | | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B |
| Methylene Chloride | | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B |
| Methyl t-butyl ether (MTBE) | | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B |
| 4-Methyl-2-pentanone (MIBK) | | <12.5 | | ug/L | 09/26/2001 | 3602 | 3602 | <12.5 | mrh | SW 8260B |
| n-Propylbenzene | | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| Styrene | | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| Naphthalene | | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B |
| 1,1,1,2-Tetrachloroethane | | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| 1,1,2,2-Tetrachloroethane | | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| Tetrachloroethene | | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| Toluene | | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| 1,2,4-Trichlorobenzene | | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B |
| 1,1,1-Trichloroethane | | 3.3 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| 1,1,2-Trichloroethane | | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| Trichloroethene | | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| Trichlorofluoromethane | | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| 1,2,3-Trichloropropane | | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B |
| 1,2,4-Trimethylbenzene | | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| Vinyl Acetate | | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B |
| Vinyl Chloride | | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------|------------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 707876 | SBI002:HMW8D:G091701:523 | | | | | | | | | |
| | | | | | | | | | | DATE/TIME TAKEN |
| | | | | | | | | | | 09/17/2001 16:30 |
| | Alkenes | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B |
| | d4-1,2-Dichloroethane (surr) | 106 | | % | 09/26/2001 | | 3602 | | mrh | SW 8260B |
| | Dibromofluoromethane (surr) | 104 | | % | 09/26/2001 | | 3602 | | mrh | SW 8260B |
| | d8-Toluene (surr) | 97 | | % | 09/26/2001 | | 3602 | | mrh | SW 8260B |
| | Bromofluorobenzene (surr) | 107 | | % | 09/26/2001 | | 3602 | | mrh | SW 8260B |

| SAMPLE NO. | SAMPLE DESCRIPTION | DATE/TIME TAKEN | | | | | | | | |
|------------|--------------------------|------------------|--|--|--|--|--|--|--|--|
| 707877 | SBI002:HMW8I:G091701:523 | 09/17/2001 16:40 | | | | | | | | |

| | | | | | | | | | | |
|--------------------------|----------|--|------|--|------------|------|------|----------|-----|----------|
| ICPMS TOTAL METALS | Complete | | | | 10/02/2001 | | 2582 | Complete | ekh | SW 6020 |
| Arsenic, ICPMS | 0.0105 | | mg/L | | 09/29/2001 | 1848 | 3699 | <0.0050 | ekh | SW 6020 |
| Barium, ICPMS | 0.0982 | | mg/L | | 09/29/2001 | 1848 | 3907 | <0.0050 | ekh | SW 6020 |
| Cadmium, ICPMS | <0.0010 | | mg/L | | 09/29/2001 | 1848 | 3578 | <0.0010 | ekh | SW 6020 |
| Chromium, ICPMS (0.005) | <0.0050 | | mg/L | | 10/02/2001 | 1848 | 3988 | <0.0050 | ekh | SW 6020 |
| Lead, ICPMS | 0.0102 | | mg/L | | 09/29/2001 | 1848 | 3656 | <0.0010 | ekh | SW 6020 |
| Mercury, CVAA | <0.0002 | | mg/L | | 09/25/2001 | 1415 | 1361 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | <0.0050 | | mg/L | | 09/28/2001 | 753 | 579 | <0.0050 | lnh | SW 7740 |
| Silver, ICPMS | <0.0005 | | mg/L | | 09/29/2001 | 1848 | 3913 | <0.0005 | ekh | SW 6020 |
| Metals Digestion, ICPMS | Complete | | | | 09/26/2001 | 1848 | | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | Complete | | | | 09/26/2001 | 753 | | Complete | clm | SW 3020A |
| Manual Mercury Digestion | Complete | | | | 09/24/2001 | 1415 | | Complete | epk | SW 7470A |

VOLATILE COMPOUNDS - 8260 (AQ)

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|--------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707877 | SBI002:HMW8I:G091701:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 16:40 |
| 8260 - SW846 (AQ) | Complete | | | | 09/25/2001 | 3601 | 3601 | Complete | dmg | |
| Acetone | <20.0 | | | ug/L | 09/25/2001 | 3601 | 3601 | <20.0 | dmg | SW 8260B |
| Benzene | <1.0 | | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| tert-Butylbenzene | <1.0 | | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| sec-Butylbenzene | <1.0 | | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| n-Butylbenzene | <1.0 | | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| Bromochloromethane | <1.0 | | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| Bromodichloromethane | <1.0 | | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| Bromoform | <1.0 | | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| Bromobenzene | <1.0 | | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| 2-Butanone (MEK) | <12.5 | | | ug/L | 09/25/2001 | 3601 | 3601 | <12.5 | dmg | SW 8260B |
| Carbon disulfide | <1.0 | | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| Carbon tetrachloride | <1.0 | | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| Chlorobenzene | <1.0 | | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| Chloroethane | <5.0 | | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B |
| 2-Chlorotoluene | <1.0 | | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| 4-Chlorotoluene | <1.0 | | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| Chloroform | <1.0 | | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| Chloromethane | <5.0 | | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B |
| Dibromochloromethane | <1.0 | | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| Dibromomethane | <1.0 | | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| Dichlorodifluoromethane | <1.0 | | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| 1,2-Dibromo-3-chloropropane | <5.0 | | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B |
| 1,2-Dichlorobenzene | <1.0 | | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| 1,3-Dichlorobenzene | <1.0 | | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| 1,4-Dichlorobenzene | <1.0 | | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707877 | SBI002:HMW8I:G091701:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 16:40 |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | cis-1,2-Dichloroethene | 1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/25/2001 | 3601 | 3601 | <12.5 | dmg | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/25/2001 | 3601 | 3601 | <12.5 | dmg | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|------------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707877 | SBI002:HMW8I:G091701:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 16:40 |
| | Tetrachloroethene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B |
| | 1,1,1-Trichloroethane | 3.2 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | Trichloroethene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | Vinyl Acetate | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B |
| | Vinyl Chloride | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | Xylenes | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B |
| | d4-1,2-Dichloroethane (surr) | 101 | | % | 09/25/2001 | 3601 | 3601 | | dmg | SW 8260B |
| | Dibromofluoromethane (surr) | 99 | | % | 09/25/2001 | 3601 | 3601 | | dmg | SW 8260B |
| | d8-Toluene (surr) | 97 | | % | 09/25/2001 | 3601 | 3601 | | dmg | SW 8260B |
| | Bromofluorobenzene (surr) | 107 | | % | 09/25/2001 | 3601 | 3601 | | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|--------------------------------|--------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 707878 | SBI002:HMW8S:G091701:523 | | | | | | | | | | 09/17/2001 16:50 |
| MS TOTAL METALS | | | | | | | | | | | |
| | Complete | | | | 09/29/2001 | | 2572 | Complete | ekh | SW 6020 | |
| Arsenic, ICPMS | 0.0153 | | | mg/L | 09/29/2001 | 1848 | 3699 | <0.0050 | ekh | SW 6020 | |
| Barium, ICPMS | 0.102 | | | mg/L | 09/29/2001 | 1848 | 3907 | <0.0050 | ekh | SW 6020 | |
| Cadmium, ICPMS | <0.0010 | | | mg/L | 09/29/2001 | 1848 | 3578 | <0.0010 | ekh | SW 6020 | |
| Chromium, ICPMS (0.005) | 0.0101 | | | mg/L | 09/29/2001 | 1848 | 3978 | <0.0050 | ekh | SW 6020 | |
| Lead, ICPMS | 0.0452 | | | mg/L | 09/29/2001 | 1848 | 3656 | <0.0010 | ekh | SW 6020 | |
| Mercury, CVAA | <0.0002 | | | mg/L | 09/25/2001 | 1415 | 1361 | <0.0002 | epk | SW 7470A | |
| Selenium, GFAA | <0.0050 | | | mg/L | 09/28/2001 | 753 | 579 | <0.0050 | lnh | SW 7740 | |
| Silver, ICPMS | <0.0005 | | | mg/L | 09/29/2001 | 1848 | 3913 | <0.0005 | ekh | SW 6020 | |
| Metals Digestion, ICPMS | Complete | | | | 09/26/2001 | 1848 | | Complete | clm | SW 3010A | |
| Metals Digestion, GFAA | Complete | | | | 09/26/2001 | 753 | | Complete | clm | SW 3020A | |
| Manual Mercury Digestion | Complete | | | | 09/24/2001 | 1415 | | Complete | epk | SW 7470A | |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | | |
| 8260 - SW846 (AQ) | Complete | | | | 09/25/2001 | | 3601 | Complete | dmg | | |
| Acetone | <20.0 | | | ug/L | 09/25/2001 | | 3601 | <20.0 | dmg | SW 8260B | |
| Benzene | <1.0 | | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| tert-Butylbenzene | <1.0 | | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| sec-Butylbenzene | <1.0 | | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| n-Butylbenzene | <1.0 | | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| Bromochloromethane | <1.0 | | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| Bromodichloromethane | <1.0 | | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| Bromoform | <1.0 | | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| Bromobenzene | <1.0 | | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| 2-Butanone (MEK) | <12.5 | | | ug/L | 09/25/2001 | | 3601 | <12.5 | dmg | SW 8260B | |
| Carbon disulfide | <1.0 | | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 707878 | SBI002:HMW8S:G091701:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 16:50 |
| | Carbon tetrachloride | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| | Chlorobenzene | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| | Chloroethane | <5.0 | | ug/L | 09/25/2001 | 3601 | | <5.0 | dmg | SW 8260B |
| | 2-Chlorotoluene | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| | 4-Chlorotoluene | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| | Chloroform | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| | Chloromethane | <5.0 | | ug/L | 09/25/2001 | 3601 | | <5.0 | dmg | SW 8260B |
| | Dibromochloromethane | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| | Dibromomethane | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/25/2001 | 3601 | | <5.0 | dmg | SW 8260B |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 707878 | SBI002:HMW8S:G091701:523 | | | | | | | | | | 09/17/2001 16:50 |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/25/2001 | 3601 | | <5.0 | dmg | SW 8260B | |
| | n-Hexane | <5.0 | | ug/L | 09/25/2001 | 3601 | | <5.0 | dmg | SW 8260B | |
| | 2-Hexanone | <12.5 | | ug/L | 09/25/2001 | 3601 | | <12.5 | dmg | SW 8260B | |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B | |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B | |
| | Bromomethane | <5.0 | | ug/L | 09/25/2001 | 3601 | | <5.0 | dmg | SW 8260B | |
| | Methylene Chloride | <5.0 | | ug/L | 09/25/2001 | 3601 | | <5.0 | dmg | SW 8260B | |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/25/2001 | 3601 | | <5.0 | dmg | SW 8260B | |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/25/2001 | 3601 | | <12.5 | dmg | SW 8260B | |
| | n-Propylbenzene | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B | |
| | Styrene | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B | |
| | Naphthalene | <5.0 | | ug/L | 09/25/2001 | 3601 | | <5.0 | dmg | SW 8260B | |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B | |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B | |
| | Tetrachloroethene | 40.7 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B | |
| | Toluene | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B | |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/25/2001 | 3601 | | <5.0 | dmg | SW 8260B | |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B | |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B | |
| | Trichloroethene | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B | |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B | |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/25/2001 | 3601 | | <5.0 | dmg | SW 8260B | |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B | |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B | |
| | Vinyl Acetate | <5.0 | | ug/L | 09/25/2001 | 3601 | | <5.0 | dmg | SW 8260B | |
| | Vinyl Chloride | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------------------------|--------------------------|--------|------|-------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | DATE/TIME TAKEN |
| 707878 | SBI002:HMW8S:G091701:523 | | | | | | | | | | 09/17/2001 16:50 |
| Xylenes | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| d4-1,2-Dichloroethane (surr) | | 103 | | % | 09/25/2001 | | 3601 | | dmg | SW 8260B | |
| Dibromofluoromethane (surr) | | 100 | | % | 09/25/2001 | | 3601 | | dmg | SW 8260B | |
| d8-Toluene (surr) | | 96 | | % | 09/25/2001 | | 3601 | | dmg | SW 8260B | |
| Bromofluorobenzene (surr) | | 111 | | % | 09/25/2001 | | 3601 | | dmg | SW 8260B | |

| SAMPLE NO. | SAMPLE DESCRIPTION | DATE/TIME TAKEN |
|------------|---------------------------|------------------|
| 707879 | SBI002:HMW8D:G091701D:523 | 09/17/2001 16:30 |

| | | | | | | | | |
|--------------------------|----------|------|------------|------|------|----------|-----|----------|
| ICPMS TOTAL METALS | Complete | | 09/29/2001 | | 2572 | Complete | ekh | SW 6020 |
| Arsenic, ICPMS | <0.0050 | mg/L | 09/29/2001 | 1848 | 3699 | <0.0050 | ekh | SW 6020 |
| Barium, ICPMS | 0.0821 | mg/L | 09/29/2001 | 1848 | 3907 | <0.0050 | ekh | SW 6020 |
| Cadmium, ICPMS | <0.0010 | mg/L | 09/29/2001 | 1848 | 3578 | <0.0010 | ekh | SW 6020 |
| Chromium, ICPMS (0.005) | <0.0050 | mg/L | 09/29/2001 | 1848 | 3978 | <0.0050 | ekh | SW 6020 |
| Lead, ICPMS | 0.0034 | mg/L | 09/29/2001 | 1848 | 3656 | <0.0010 | ekh | SW 6020 |
| Mercury, CVAA | <0.0002 | mg/L | 09/25/2001 | 1415 | 1361 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | <0.0050 | mg/L | 09/28/2001 | 753 | 579 | <0.0050 | lnh | SW 7740 |
| Silver, ICPMS | <0.0005 | mg/L | 09/29/2001 | 1848 | 3913 | <0.0005 | ekh | SW 6020 |
| Metals Digestion, ICPMS | Complete | | 09/26/2001 | 1848 | | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | Complete | | 09/26/2001 | 753 | | Complete | clm | SW 3020A |
| Manual Mercury Digestion | Complete | | 09/24/2001 | 1415 | | Complete | epk | SW 7470A |

VOLATILE COMPOUNDS - 8260 (AQ)

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|-----------------------------|--------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 50 - SW846 (AQ) | Complete | | | | 09/26/2001 | 3602 | 3602 | Complete | mrh | | 09/17/2001 16:30 |
| Acetone | <20.0 | | | ug/L | 09/26/2001 | 3602 | 3602 | <20.0 | mrh | SW 8260B | |
| Benzene | <1.0 | | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| tert-Butylbenzene | <1.0 | | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| sec-Butylbenzene | <1.0 | | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| n-Butylbenzene | <1.0 | | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| Bromochloromethane | <1.0 | | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| Bromodichloromethane | <1.0 | | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| Bromoform | <1.0 | | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| Bromobenzene | <1.0 | | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| 2-Butanone (MEK) | <12.5 | | | ug/L | 09/26/2001 | 3602 | 3602 | <12.5 | mrh | SW 8260B | |
| Carbon disulfide | <1.0 | | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| Carbon tetrachloride | <1.0 | | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| Chlorobenzene | <1.0 | | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| Chloroethane | <5.0 | | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B | |
| 2-Chlorotoluene | <1.0 | | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| 4-Chlorotoluene | <1.0 | | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| Chloroform | <1.0 | | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| Chloromethane | <5.0 | | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B | |
| Dibromochloromethane | <1.0 | | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| Dibromomethane | <1.0 | | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| Dichlorodifluoromethane | <1.0 | | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| 1,2-Dibromo-3-chloropropane | <5.0 | | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B | |
| 1,2-Dichlorobenzene | <1.0 | | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| 1,3-Dichlorobenzene | <1.0 | | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| 1,4-Dichlorobenzene | <1.0 | | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|------------|-------|-------|-----------|---------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | | Limit | |
| 707879 | SBI002:HMW8D:G091701D:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 16:30 |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/26/2001 | | 3602 | <5.0 | mrh | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 09/26/2001 | | 3602 | <5.0 | mrh | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/26/2001 | | 3602 | <12.5 | mrh | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/26/2001 | | 3602 | <5.0 | mrh | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/26/2001 | | 3602 | <5.0 | mrh | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/26/2001 | | 3602 | <5.0 | mrh | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/26/2001 | | 3602 | <12.5 | mrh | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/26/2001 | | 3602 | <5.0 | mrh | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|------------|------------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 707879 | SBI002:HMW8D:G091701D:523 | | | | | | | | | | 09/17/2001 16:30 |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | Toluene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B | |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | Trichloroethene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B | |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | Vinyl Acetate | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B | |
| | Vinyl Chloride | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | Xylenes | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | d4-1,2-Dichloroethane (surr) | 106 | | % | 09/26/2001 | 3602 | 3602 | | mrh | SW 8260B | |
| | Dibromofluoromethane (surr) | 104 | | % | 09/26/2001 | 3602 | 3602 | | mrh | SW 8260B | |
| | d8-Toluene (surr) | 97 | | % | 09/26/2001 | 3602 | 3602 | | mrh | SW 8260B | |
| | Bromofluorobenzene (surr) | 110 | | % | 09/26/2001 | 3602 | 3602 | | mrh | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|--------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 707880 | SBI002:HMW7S:G091701:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 17:45 |
| ICPMS TOTAL METALS | Complete | | | | 09/29/2001 | | 2572 | Complete | ekh | SW 6020 |
| Arsenic, ICPMS | <0.0050 | mg/L | | | 09/29/2001 | 1848 | 3699 | <0.0050 | ekh | SW 6020 |
| Barium, ICPMS | 0.0390 | mg/L | | | 09/29/2001 | 1848 | 3907 | <0.0050 | ekh | SW 6020 |
| Cadmium, ICPMS | <0.0010 | mg/L | | | 09/29/2001 | 1848 | 3578 | <0.0010 | ekh | SW 6020 |
| Chromium, ICPMS (0.005) | <0.0050 | mg/L | | | 09/29/2001 | 1848 | 3978 | <0.0050 | ekh | SW 6020 |
| Lead, ICPMS | 0.0051 | mg/L | | | 09/29/2001 | 1848 | 3656 | <0.0010 | ekh | SW 6020 |
| Mercury, CVAA | <0.0002 | mg/L | | | 09/25/2001 | 1415 | 1361 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | <0.0050 | mg/L | | | 09/28/2001 | 753 | 579 | <0.0050 | lnh | SW 7740 |
| Silver, ICPMS | <0.0005 | mg/L | | | 09/29/2001 | 1848 | 3913 | <0.0005 | ekh | SW 6020 |
| Metals Digestion, ICPMS | Complete | | | | 09/26/2001 | 1848 | | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | Complete | | | | 09/26/2001 | 753 | | Complete | clm | SW 3020A |
| Manual Mercury Digestion | Complete | | | | 09/24/2001 | 1415 | | Complete | epk | SW 7470A |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | Complete | | | | 09/26/2001 | | 3602 | Complete | mrh | |
| Acetone | <20.0 | ug/L | | | 09/26/2001 | | 3602 | <20.0 | mrh | SW 8260B |
| Benzene | <1.0 | ug/L | | | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B |
| tert-Butylbenzene | <1.0 | ug/L | | | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B |
| sec-Butylbenzene | <1.0 | ug/L | | | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B |
| n-Butylbenzene | <1.0 | ug/L | | | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B |
| Bromochloromethane | <1.0 | ug/L | | | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B |
| Bromodichloromethane | <1.0 | ug/L | | | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B |
| Bromoform | <1.0 | ug/L | | | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B |
| Bromobenzene | <1.0 | ug/L | | | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B |
| 2-Butanone (MEK) | <12.5 | ug/L | | | 09/26/2001 | | 3602 | <12.5 | mrh | SW 8260B |
| Carbon disulfide | <1.0 | ug/L | | | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------|---------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707880 | SBI002:HMW7S:G091701:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 17:45 |
| | Carbon tetrachloride | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | Chlorobenzene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | Chloroethane | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B |
| | 2-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | 4-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | Chloroform | 1.3 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | Chloromethane | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B |
| | Dibromochloromethane | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | Dibromomethane | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|--------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707880 | SBI002:HMW7S:G091701:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 17:45 |
| Hexachlorobutadiene | | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B |
| n-Hexane | | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B |
| 2-Hexanone | | <12.5 | | ug/L | 09/26/2001 | 3602 | 3602 | <12.5 | mrh | SW 8260B |
| Isopropylbenzene (Cumene) | | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| p-Isopropyltoluene | | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| Bromomethane | | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B |
| Methylene Chloride | | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B |
| Methyl t-butyl ether (MTBE) | | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B |
| 4-Methyl-2-pentanone (MIBK) | | <12.5 | | ug/L | 09/26/2001 | 3602 | 3602 | <12.5 | mrh | SW 8260B |
| n-Propylbenzene | | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| Styrene | | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| Naphthalene | | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B |
| 1,1,1,2-Tetrachloroethane | | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| 1,1,2,2-Tetrachloroethane | | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| Tetrachloroethene | | 4.1 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| Toluene | | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| 1,2,4-Trichlorobenzene | | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B |
| 1,1,1-Trichloroethane | | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| 1,1,2-Trichloroethane | | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| Trichloroethene | | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| Trichlorofluoromethane | | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| 1,2,3-Trichloropropane | | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B |
| 1,2,4-Trimethylbenzene | | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| Vinyl Acetate | | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B |
| Vinyl Chloride | | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference |
|------------------------------|------|-------|---------------------------|-------------------|------------------|------------------------|------------------|------------------|
| SAMPLE NO. | | | SAMPLE DESCRIPTION | | | DATE/TIME TAKEN | | |
| 707880 | | | SBI002:HMW7S:G091701:523 | | | 09/17/2001 17:45 | | |
| xylenes | <1.0 | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| d4-1,2-Dichloroethane (surr) | 107 | % | 09/26/2001 | 3602 | 3602 | | mrh | SW 8260B |
| Dibromofluoromethane (surr) | 103 | % | 09/26/2001 | 3602 | 3602 | | mrh | SW 8260B |
| d8-Toluene (surr) | 96 | % | 09/26/2001 | 3602 | 3602 | | mrh | SW 8260B |
| Bromofluorobenzene (surr) | 109 | % | 09/26/2001 | 3602 | 3602 | | mrh | SW 8260B |

| SAMPLE NO. | SAMPLE DESCRIPTION | DATE/TIME TAKEN |
|-------------------|---------------------------|------------------------|
| 707881 | SBI002:HMW35S:G091701:523 | 09/17/2001 18:00 |

| | | | | | | | | |
|--------------------------|----------|------|------------|------|----------|----------|---------|----------|
| ICPMS TOTAL METALS | Complete | | 09/29/2001 | 2572 | Complete | ekh | SW 6020 | |
| Arsenic, ICPMS | <0.0050 | mg/L | 09/29/2001 | 1848 | 3699 | <0.0050 | ekh | SW 6020 |
| Barium, ICPMS | 0.0471 | mg/L | 09/29/2001 | 1848 | 3907 | <0.0050 | ekh | SW 6020 |
| Cadmium, ICPMS | <0.0010 | mg/L | 09/29/2001 | 1848 | 3578 | <0.0010 | ekh | SW 6020 |
| Chromium, ICPMS (0.005) | <0.0050 | mg/L | 09/29/2001 | 1848 | 3978 | <0.0050 | ekh | SW 6020 |
| Lead, ICPMS | 0.0028 | mg/L | 09/29/2001 | 1848 | 3656 | <0.0010 | ekh | SW 6020 |
| Mercury, CVAA | <0.0002 | mg/L | 09/25/2001 | 1415 | 1361 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | <0.0050 | mg/L | 09/27/2001 | 753 | 578 | <0.0050 | lnh | SW 7740 |
| Silver, ICPMS | <0.0005 | mg/L | 09/29/2001 | 1848 | 3913 | <0.0005 | ekh | SW 6020 |
| Metals Digestion, ICPMS | Complete | | 09/26/2001 | 1848 | | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | Complete | | 09/26/2001 | 753 | | Complete | clm | SW 3020A |
| Manual Mercury Digestion | Complete | | 09/24/2001 | 1415 | | Complete | epk | SW 7470A |

VOLATILE COMPOUNDS - 8260 (AQ)

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|-----------------------------|--------------------|--------|------|-------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | 09/17/2001 18:00 |
| 8260 - SW846 (AQ) | Complete | | | | 09/25/2001 | 3601 | 3601 | Complete | dmg | | |
| Acetone | <20.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <20.0 | dmg | SW 8260B | |
| Benzene | <1.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| tert-Butylbenzene | <1.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| sec-Butylbenzene | <1.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| n-Butylbenzene | <1.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| Bromochloromethane | <1.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| Bromodichloromethane | <1.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| Bromoform | <1.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| Bromobenzene | <1.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| 2-Butanone (MEK) | <12.5 | ug/L | | | 09/25/2001 | 3601 | 3601 | <12.5 | dmg | SW 8260B | |
| Carbon disulfide | <1.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| Carbon tetrachloride | <1.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| Chlorobenzene | <1.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| Chloroethane | <5.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B | |
| 2-Chlorotoluene | <1.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| 4-Chlorotoluene | <1.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| Chloroform | <1.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| Chloromethane | <5.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B | |
| Dibromochloromethane | <1.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| Dibromomethane | <1.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| Dichlorodifluoromethane | <1.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| 1,2-Dibromo-3-chloropropane | <5.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B | |
| 1,2-Dichlorobenzene | <1.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| 1,3-Dichlorobenzene | <1.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| 1,4-Dichlorobenzene | <1.0 | ug/L | | | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 707881 | SBI002:HMW35S:G091701:523 | | | | | | | | | | 09/17/2001 18:00 |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| | cis-1,2-Dichloroethene | 1.5 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| | Ethylbenzene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B | |
| | n-Hexane | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B | |
| | 2-Hexanone | <12.5 | | ug/L | 09/25/2001 | 3601 | 3601 | <12.5 | dmg | SW 8260B | |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| | Bromomethane | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B | |
| | Methylene Chloride | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B | |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B | |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/25/2001 | 3601 | 3601 | <12.5 | dmg | SW 8260B | |
| | n-Propylbenzene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| | Styrene | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| | Naphthalene | <5.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <5.0 | dmg | SW 8260B | |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/25/2001 | 3601 | 3601 | <1.0 | dmg | SW 8260B | |

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|------------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707881 | SBI002:HMW35S:G091701:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 18:00 |
| | Tetrachloroethene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Trichloroethene | 7.4 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Vinyl Acetate | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| | Vinyl Chloride | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | Xylenes | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| | d4-1,2-Dichloroethane (surr) | 103 | | % | 09/25/2001 | | 3601 | | dmg | SW 8260B |
| | Dibromofluoromethane (surr) | 100 | | % | 09/25/2001 | | 3601 | | dmg | SW 8260B |
| | d8-Toluene (surr) | 97 | | % | 09/25/2001 | | 3601 | | dmg | SW 8260B |
| | Bromofluorobenzene (surr) | 107 | | % | 09/25/2001 | | 3601 | | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|------------|--------------------------------|----------|------|-------|---------------|--------------|--------------|-----------------|----------|------------------|-----------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| | PMS TOTAL METALS | Complete | | | 09/29/2001 | | 2572 | Complete | ekh | SW 6020 | |
| | Arsenic, ICPMS | <0.0050 | | mg/L | 09/29/2001 | 1848 | 3699 | <0.0050 | ekh | SW 6020 | |
| | Barium, ICPMS | 0.0663 | | mg/L | 09/29/2001 | 1848 | 3907 | <0.0050 | ekh | SW 6020 | |
| | Cadmium, ICPMS | <0.0010 | | mg/L | 09/29/2001 | 1848 | 3578 | <0.0010 | ekh | SW 6020 | |
| | Chromium, ICPMS (0.005) | <0.0050 | | mg/L | 09/29/2001 | 1848 | 3978 | <0.0050 | ekh | SW 6020 | |
| | Lead, ICPMS | 0.0030 | | mg/L | 09/29/2001 | 1848 | 3656 | <0.0010 | ekh | SW 6020 | |
| | Mercury, CVAA | <0.0002 | | mg/L | 09/25/2001 | 1415 | 1361 | <0.0002 | epk | SW 7470A | |
| | Selenium, GFAA | <0.0050 | | mg/L | 09/28/2001 | 753 | 579 | <0.0050 | lnh | SW 7740 | |
| | Silver, ICPMS | <0.0005 | | mg/L | 09/29/2001 | 1848 | 3913 | <0.0005 | ekh | SW 6020 | |
| | Metals Digestion, ICPMS | Complete | | | 09/26/2001 | 1848 | | Complete | clm | SW 3010A | |
| | Metals Digestion, GFAA | Complete | | | 09/26/2001 | 753 | | Complete | clm | SW 3020A | |
| | Manual Mercury Digestion | Complete | | | 09/24/2001 | 1415 | | Complete | epk | SW 7470A | |
| | VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| | 8260 - SW846 (AQ) | Complete | | | 09/26/2001 | | 3602 | Complete | mrh | | |
| | Acetone | <20.0 | | ug/L | 09/26/2001 | | 3602 | <20.0 | mrh | SW 8260B | |
| | Benzene | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B | |
| | tert-Butylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B | |
| | sec-Butylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B | |
| | n-Butylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B | |
| | Bromochloromethane | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B | |
| | Bromodichloromethane | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B | |
| | Bromoform | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B | |
| | Bromobenzene | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B | |
| | 2-Butanone (MEK) | <12.5 | | ug/L | 09/26/2001 | | 3602 | <12.5 | mrh | SW 8260B | |
| | Carbon disulfide | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 707882 | SBI002:HMW17D:G091701:523 | | | | | | | | | | 09/17/2001 18:20 |
| | Carbon tetrachloride | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | Chlorobenzene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | Chloroethane | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B | |
| | 2-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | 4-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | Chloroform | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | Chloromethane | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B | |
| | Dibromochloromethane | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | Dibromomethane | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B | |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | cis-1,2-Dichloroethene | 1.2 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | Ethylbenzene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 707882 | SBI002:HMW17D:G091701:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 18:20 |
| | Dichlorobutadiene | <5.0 | | ug/L | 09/26/2001 | | 3602 | <5.0 | mrh | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 09/26/2001 | | 3602 | <5.0 | mrh | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/26/2001 | | 3602 | <12.5 | mrh | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/26/2001 | | 3602 | <5.0 | mrh | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/26/2001 | | 3602 | <5.0 | mrh | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/26/2001 | | 3602 | <5.0 | mrh | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/26/2001 | | 3602 | <12.5 | mrh | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/26/2001 | | 3602 | <5.0 | mrh | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B |
| | Tetrachloroethene | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/26/2001 | | 3602 | <5.0 | mrh | SW 8260B |
| | 1,1,1-Trichloroethane | 1.9 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B |
| | Trichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/26/2001 | | 3602 | <5.0 | mrh | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B |
| | Vinyl Acetate | <5.0 | | ug/L | 09/26/2001 | | 3602 | <5.0 | mrh | SW 8260B |
| | Vinyl Chloride | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B |

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|------------------------------|---------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 707882 | SBI002:HMW17D:G091701:523 | | | | | | | | | | 09/17/2001 18:20 |
| Xylenes | | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B | |
| d4-1,2-Dichloroethane (surr) | | 106 | | % | 09/26/2001 | | 3602 | | mrh | SW 8260B | |
| Dibromofluoromethane (surr) | | 103 | | % | 09/26/2001 | | 3602 | | mrh | SW 8260B | |
| d8-Toluene (surr) | | 97 | | % | 09/26/2001 | | 3602 | | mrh | SW 8260B | |
| Bromofluorobenzene (surr) | | 106 | | % | 09/26/2001 | | 3602 | | mrh | SW 8260B | |

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|--------------------------|--------------------------|----------|------|-------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| 707883 | SBI002:MW25D:G091701:523 | | | | | | | | | | 09/17/2001 18:30 |
| ICPMS TOTAL METALS | | Complete | | | 09/29/2001 | | 2572 | Complete | ekh | SW 6020 | |
| Arsenic, ICPMS | | <0.0050 | | mg/L | 09/29/2001 | 1848 | 3699 | <0.0050 | ekh | SW 6020 | |
| Barium, ICPMS | | 0.0647 | | mg/L | 09/29/2001 | 1848 | 3907 | <0.0050 | ekh | SW 6020 | |
| Cadmium, ICPMS | | <0.0010 | | mg/L | 09/29/2001 | 1848 | 3578 | <0.0010 | ekh | SW 6020 | |
| Chromium, ICPMS (0.005) | | 0.0304 | | mg/L | 09/29/2001 | 1848 | 3978 | <0.0050 | ekh | SW 6020 | |
| Lead, ICPMS | | 0.0038 | | mg/L | 09/29/2001 | 1848 | 3656 | <0.0010 | ekh | SW 6020 | |
| Mercury, CVAA | | <0.0002 | | mg/L | 09/25/2001 | 1415 | 1361 | <0.0002 | epk | SW 7470A | |
| Selenium, GFAA | | <0.0050 | | mg/L | 09/28/2001 | 753 | 579 | <0.0050 | lnh | SW 7740 | |
| Silver, ICPMS | | <0.0005 | | mg/L | 09/29/2001 | 1848 | 3913 | <0.0005 | ekh | SW 6020 | |
| Metals Digestion, ICPMS | | Complete | | | 09/26/2001 | 1848 | | Complete | clm | SW 3010A | |
| Metals Digestion, GFAA | | Complete | | | 09/26/2001 | 753 | | Complete | clm | SW 3020A | |
| Manual Mercury Digestion | | Complete | | | 09/24/2001 | 1415 | | Complete | epk | SW 7470A | |

VOLATILE COMPOUNDS - 8260 (AQ)

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|-----------------------------|--------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|------------------|-----------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 60 - SW846 (AQ) | Complete | | | | 09/26/2001 | 3602 | Complete | | mrh | | |
| Acetone | <20.0 | | | ug/L | 09/26/2001 | 3602 | <20.0 | | mrh | SW 8260B | |
| Benzene | <1.0 | | | ug/L | 09/26/2001 | 3602 | <1.0 | | mrh | SW 8260B | |
| tert-Butylbenzene | <1.0 | | | ug/L | 09/26/2001 | 3602 | <1.0 | | mrh | SW 8260B | |
| sec-Butylbenzene | <1.0 | | | ug/L | 09/26/2001 | 3602 | <1.0 | | mrh | SW 8260B | |
| n-Butylbenzene | <1.0 | | | ug/L | 09/26/2001 | 3602 | <1.0 | | mrh | SW 8260B | |
| Bromochloromethane | <1.0 | | | ug/L | 09/26/2001 | 3602 | <1.0 | | mrh | SW 8260B | |
| Bromodichloromethane | <1.0 | | | ug/L | 09/26/2001 | 3602 | <1.0 | | mrh | SW 8260B | |
| Bromoform | <1.0 | | | ug/L | 09/26/2001 | 3602 | <1.0 | | mrh | SW 8260B | |
| Bromobenzene | <1.0 | | | ug/L | 09/26/2001 | 3602 | <1.0 | | mrh | SW 8260B | |
| 2-Butanone (MEK) | <12.5 | | | ug/L | 09/26/2001 | 3602 | <12.5 | | mrh | SW 8260B | |
| Carbon disulfide | <1.0 | | | ug/L | 09/26/2001 | 3602 | <1.0 | | mrh | SW 8260B | |
| Carbon tetrachloride | <1.0 | | | ug/L | 09/26/2001 | 3602 | <1.0 | | mrh | SW 8260B | |
| Chlorobenzene | <1.0 | | | ug/L | 09/26/2001 | 3602 | <1.0 | | mrh | SW 8260B | |
| Chloroethane | <5.0 | | | ug/L | 09/26/2001 | 3602 | <5.0 | | mrh | SW 8260B | |
| 2-Chlorotoluene | <1.0 | | | ug/L | 09/26/2001 | 3602 | <1.0 | | mrh | SW 8260B | |
| 4-Chlorotoluene | <1.0 | | | ug/L | 09/26/2001 | 3602 | <1.0 | | mrh | SW 8260B | |
| Chloroform | <1.0 | | | ug/L | 09/26/2001 | 3602 | <1.0 | | mrh | SW 8260B | |
| Chloromethane | <5.0 | | | ug/L | 09/26/2001 | 3602 | <5.0 | | mrh | SW 8260B | |
| Dibromochloromethane | <1.0 | | | ug/L | 09/26/2001 | 3602 | <1.0 | | mrh | SW 8260B | |
| Dibromomethane | <1.0 | | | ug/L | 09/26/2001 | 3602 | <1.0 | | mrh | SW 8260B | |
| Dichlorodifluoromethane | <1.0 | | | ug/L | 09/26/2001 | 3602 | <1.0 | | mrh | SW 8260B | |
| 1,2-Dibromo-3-chloropropane | <5.0 | | | ug/L | 09/26/2001 | 3602 | <5.0 | | mrh | SW 8260B | |
| 1,2-Dichlorobenzene | <1.0 | | | ug/L | 09/26/2001 | 3602 | <1.0 | | mrh | SW 8260B | |
| 1,3-Dichlorobenzene | <1.0 | | | ug/L | 09/26/2001 | 3602 | <1.0 | | mrh | SW 8260B | |
| 1,4-Dichlorobenzene | <1.0 | | | ug/L | 09/26/2001 | 3602 | <1.0 | | mrh | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 707883 | SBI002:MW25D:G091701:523 | | | | | | | | | | 09/17/2001 18:30 |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | Ethylbenzene | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/26/2001 | 3602 | | <5.0 | mrh | SW 8260B | |
| | n-Hexane | <5.0 | | ug/L | 09/26/2001 | 3602 | | <5.0 | mrh | SW 8260B | |
| | 2-Hexanone | <12.5 | | ug/L | 09/26/2001 | 3602 | | <12.5 | mrh | SW 8260B | |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | Bromomethane | <5.0 | | ug/L | 09/26/2001 | 3602 | | <5.0 | mrh | SW 8260B | |
| | Methylene Chloride | <5.0 | | ug/L | 09/26/2001 | 3602 | | <5.0 | mrh | SW 8260B | |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/26/2001 | 3602 | | <5.0 | mrh | SW 8260B | |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/26/2001 | 3602 | | <12.5 | mrh | SW 8260B | |
| | n-Propylbenzene | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | Styrene | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | Naphthalene | <5.0 | | ug/L | 09/26/2001 | 3602 | | <5.0 | mrh | SW 8260B | |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------|------------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 707883 | SBI002:MW25D:G091701:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 18:30 |
| | Trichloroethene | 2.2 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B |
| | 1,1,1-Trichloroethane | 2.7 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | Trichloroethene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | Vinyl Acetate | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B |
| | Vinyl Chloride | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | Xylenes | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | d4-1,2-Dichloroethane (surr) | 106 | | † | 09/26/2001 | 3602 | 3602 | | mrh | SW 8260B |
| | Dibromofluoromethane (surr) | 103 | | † | 09/26/2001 | 3602 | 3602 | | mrh | SW 8260B |
| | d8-Toluene (surr) | 96 | | † | 09/26/2001 | 3602 | 3602 | | mrh | SW 8260B |
| | Bromofluorobenzene (surr) | 108 | | † | 09/26/2001 | 3602 | 3602 | | mrh | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|---------------------------------------|--------------------------|----------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 707884 | SBI002:MW25S:G091701:523 | | | | | | | | | | 09/17/2001 18:40 |
| ICPMS TOTAL METALS | | | | | | | | | | | |
| | ICPMS TOTAL METALS | Complete | | | 09/29/2001 | | 2572 | Complete | ekh | SW 6020 | |
| | Arsenic, ICPMS | 0.0056 | | mg/L | 09/29/2001 | 1848 | 3699 | <0.0050 | ekh | SW 6020 | |
| | Barium, ICPMS | 0.189 | | mg/L | 09/29/2001 | 1848 | 3907 | <0.0050 | ekh | SW 6020 | |
| | Cadmium, ICPMS | <0.0010 | | mg/L | 09/29/2001 | 1848 | 3578 | <0.0010 | ekh | SW 6020 | |
| | Chromium, ICPMS (0.005) | 0.0899 | | mg/L | 09/29/2001 | 1848 | 3978 | <0.0050 | ekh | SW 6020 | |
| | Lead, ICPMS | 0.0209 | | mg/L | 09/29/2001 | 1848 | 3656 | <0.0010 | ekh | SW 6020 | |
| | Mercury, CVAA | <0.0002 | | mg/L | 09/25/2001 | 1415 | 1361 | <0.0002 | epk | SW 7470A | |
| | Selenium, GFAA | <0.0050 | | mg/L | 09/28/2001 | 753 | 579 | <0.0050 | lnh | SW 7740 | |
| | Silver, ICPMS | <0.0005 | | mg/L | 09/29/2001 | 1848 | 3913 | <0.0005 | ekh | SW 6020 | |
| | Metals Digestion, ICPMS | Complete | | | 09/26/2001 | 1848 | | Complete | clm | SW 3010A | |
| | Metals Digestion, GFAA | Complete | | | 09/26/2001 | 753 | | Complete | clm | SW 3020A | |
| | Manual Mercury Digestion | Complete | | | 09/24/2001 | 1415 | | Complete | epk | SW 7470A | |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | | |
| | 8260 - SW846 (AQ) | Complete | | | 09/26/2001 | | 3602 | Complete | mrh | | |
| | Acetone | <20.0 | | ug/L | 09/26/2001 | | 3602 | <20.0 | mrh | SW 8260B | |
| | Benzene | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B | |
| | tert-Butylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B | |
| | sec-Butylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B | |
| | n-Butylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B | |
| | Bromochloromethane | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B | |
| | Bromodichloromethane | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B | |
| | Bromoform | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B | |
| | Bromobenzene | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B | |
| | 2-Butanone (MEK) | <12.5 | | ug/L | 09/26/2001 | | 3602 | <12.5 | mrh | SW 8260B | |
| | Carbon disulfide | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 707884 | SBI002:MW25S:G091701:523 | | | | | | | | | | 09/17/2001 18:40 |
| | Carbon tetrachloride | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | Chlorobenzene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | Chloroethane | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B | |
| | 2-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | 4-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | Chloroform | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | Chloromethane | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B | |
| | Dibromochloromethane | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | Dibromomethane | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B | |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | Ethylbenzene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|-----------------------------|--------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 707884 | SBI002:MW25S:G091701:523 | | | | | | | | | | 09/17/2001 18:40 |
| Hexachlorobutadiene | | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B | |
| n-Hexane | | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B | |
| 2-Hexanone | | <12.5 | | ug/L | 09/26/2001 | 3602 | 3602 | <12.5 | mrh | SW 8260B | |
| Isopropylbenzene (Cumene) | | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| p-Isopropyltoluene | | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| Bromomethane | | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B | |
| Methylene Chloride | | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B | |
| Methyl t-butyl ether (MTBE) | | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B | |
| 4-Methyl-2-pentanone (MIBK) | | <12.5 | | ug/L | 09/26/2001 | 3602 | 3602 | <12.5 | mrh | SW 8260B | |
| n-Propylbenzene | | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| Styrene | | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| Naphthalene | | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B | |
| 1,1,1,2-Tetrachloroethane | | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| 1,1,2,2-Tetrachloroethane | | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| Tetrachloroethene | | 4.7 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| Toluene | | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| 1,2,4-Trichlorobenzene | | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B | |
| 1,1,1-Trichloroethane | | 1.3 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| 1,1,2-Trichloroethane | | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| Trichloroethene | | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| Trichlorofluoromethane | | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| 1,2,3-Trichloropropane | | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B | |
| 1,2,4-Trimethylbenzene | | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| Vinyl Acetate | | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B | |
| Vinyl Chloride | | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|------------------------------|----------|------|-------|---------------|--------------|--------------|-----------------|------------------|-----------------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 707884 | SBI002:MW25S:G091701:523 | | | | | | | | | | 09/17/2001 18:40 |
| | lenes | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B | |
| | d4-1,2-Dichloroethane (surr) | 106 | | % | 09/26/2001 | | 3602 | | mrh | SW 8260B | |
| | Dibromofluoromethane (surr) | 103 | | % | 09/26/2001 | | 3602 | | mrh | SW 8260B | |
| | d8-Toluene (surr) | 97 | | % | 09/26/2001 | | 3602 | | mrh | SW 8260B | |
| | Bromofluorobenzene (surr) | 111 | | % | 09/26/2001 | | 3602 | | mrh | SW 8260B | |
| 707885 | SBI002:FB1:W091701:523 | | | | | | | | | | 09/17/2001 13:00 |
| | ICPMS TOTAL METALS | Complete | | | 09/29/2001 | | 2572 | Complete | ekh | SW 6020 | |
| | Arsenic, ICPMS | <0.0050 | | mg/L | 09/29/2001 | 1848 | 3699 | <0.0050 | ekh | SW 6020 | |
| | Barium, ICPMS | <0.0050 | | mg/L | 09/29/2001 | 1848 | 3907 | <0.0050 | ekh | SW 6020 | |
| | Cadmium, ICPMS | <0.0010 | | mg/L | 09/29/2001 | 1848 | 3578 | <0.0010 | ekh | SW 6020 | |
| | Chromium, ICPMS (0.005) | <0.0050 | | mg/L | 09/29/2001 | 1848 | 3978 | <0.0050 | ekh | SW 6020 | |
| | Lead, ICPMS | <0.0010 | | mg/L | 09/29/2001 | 1848 | 3656 | <0.0010 | ekh | SW 6020 | |
| | Mercury, CVAA | <0.0002 | | mg/L | 09/25/2001 | 1415 | 1361 | <0.0002 | epk | SW 7470A | |
| | Selenium, GFAA | <0.0050 | | mg/L | 09/28/2001 | 753 | 579 | <0.0050 | lnh | SW 7740 | |
| | Silver, ICPMS | <0.0005 | | mg/L | 09/29/2001 | 1848 | 3913 | <0.0005 | ekh | SW 6020 | |
| | Metals Digestion, ICPMS | Complete | | | 09/26/2001 | 1848 | | Complete | clm | SW 3010A | |
| | Metals Digestion, GFAA | Complete | | | 09/26/2001 | 753 | | Complete | clm | SW 3020A | |
| | Manual Mercury Digestion | Complete | | | 09/24/2001 | 1415 | | Complete | epk | SW 7470A | |
| | Prep, Base Neutral | Complete | | | 09/20/2001 | 1276 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 | |
| | Prep, Acid Extractable | Complete | | | 09/20/2001 | 1276 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|------------|--------------------------------|----------|------|-------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 707885 | SBI002:FB1:W091701:523 | | | | | | | | | | 09/17/2001 13:00 |
| | Prep, TPH - 418.1 aq | Complete | | | 09/26/2001 | 603 | | Complete | 260 | EPA 418.1 | |
| | VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| | 8260 - SW846 (AQ) | Complete | | | 09/26/2001 | 3602 | | Complete | mrh | | |
| | Acetone | <20.0 | | ug/L | 09/26/2001 | 3602 | | <20.0 | mrh | SW 8260B | |
| | Benzene | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | tert-Butylbenzene | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | sec-Butylbenzene | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | n-Butylbenzene | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | Bromochloromethane | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | Bromodichloromethane | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | Bromoform | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | Bromobenzene | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | 2-Butanone (MEK) | <12.5 | | ug/L | 09/26/2001 | 3602 | | <12.5 | mrh | SW 8260B | |
| | Carbon disulfide | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | Carbon tetrachloride | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | Chlorobenzene | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | Chloroethane | <5.0 | | ug/L | 09/26/2001 | 3602 | | <5.0 | mrh | SW 8260B | |
| | 2-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | 4-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | Chloroform | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | Chloromethane | <5.0 | | ug/L | 09/26/2001 | 3602 | | <5.0 | mrh | SW 8260B | |
| | Dibromochloromethane | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | Dibromomethane | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/26/2001 | 3602 | | <5.0 | mrh | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707885 | SBI002:FB1:W091701:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 13:00 |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/26/2001 | 3602 | 3602 | <12.5 | mrh | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/26/2001 | 3602 | 3602 | <12.5 | mrh | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------------------------|------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 707885 | SBI002:FB1:W091701:523 | | | | | | | | | | 09/17/2001 13:00 |
| Naphthalene | | <5.0 | | ug/L | 09/26/2001 | | 3602 | <5.0 | mrh | SW 8260B | |
| 1,1,1,2-Tetrachloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B | |
| 1,1,2,2-Tetrachloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B | |
| Tetrachloroethene | | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B | |
| Toluene | | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B | |
| 1,2,4-Trichlorobenzene | | <5.0 | | ug/L | 09/26/2001 | | 3602 | <5.0 | mrh | SW 8260B | |
| 1,1,1-Trichloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B | |
| 1,1,2-Trichloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B | |
| Trichloroethene | | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B | |
| Trichlorofluoromethane | | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B | |
| 1,2,3-Trichloropropane | | <5.0 | | ug/L | 09/26/2001 | | 3602 | <5.0 | mrh | SW 8260B | |
| 1,2,4-Trimethylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B | |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B | |
| Vinyl Acetate | | <5.0 | | ug/L | 09/26/2001 | | 3602 | <5.0 | mrh | SW 8260B | |
| Vinyl Chloride | | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B | |
| Xylenes | | <1.0 | | ug/L | 09/26/2001 | | 3602 | <1.0 | mrh | SW 8260B | |
| d4-1,2-Dichloroethane (surr) | | 109 | | % | 09/26/2001 | | 3602 | | mrh | SW 8260B | |
| Dibromofluoromethane (surr) | | 105 | | % | 09/26/2001 | | 3602 | | mrh | SW 8260B | |
| d8-Toluene (surr) | | 97 | | % | 09/26/2001 | | 3602 | | mrh | SW 8260B | |
| Bromofluorobenzene (surr) | | 110 | | % | 09/26/2001 | | 3602 | | mrh | SW 8260B | |
| BASE NEUTRAL COMP. (AQ) | 8270 | | | | | | | | | | |
| Acenaphthene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| Acenaphthylene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| Anthracene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| Benzo(a)anthracene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|------------|------------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 707885 | SBI002:FB1:W091701:523 | | | | | | | | | | 09/17/2001 13:00 |
| | Benzo(b)fluoranthene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | Benzo(k)fluoranthene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | Benzo(a)pyrene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | Benzyl alcohol | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | Benzyl butyl phthalate | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | bis(2-Chloroethyl)ether | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | bis(2-Chloroethoxy)methane | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | bis(2-Ethylhexyl)phthalate | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | 2,2'-oxybis(1-Chloropropane) | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | 4-Bromophenyl phenyl ether | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | 4-Chloroaniline | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | 2-Chloronaphthalene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | Chrysene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | Dibenzo(a,h)anthracene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | Dibenzofuran | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | 1,2-Dichlorobenzene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | 1,3-Dichlorobenzene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | 1,4-Dichlorobenzene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | 3,3'-Dichlorobenzidine | <50 | | ug/L | 09/24/2001 | 1276 | 2708 | <50 | jrjw | SW 8270C | |
| | Diethyl phthalate | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | Dimethyl phthalate | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | 2,4-Dinitrotoluene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | 2,6-Dinitrotoluene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | Di-n-octylphthalate | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | Fluoranthene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | Fluorene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 707885 | SBI002:FB1:W091701:523 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 13:00 |
| Hexachlorobenzene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| Hexachloro-1,3-butadiene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| Hexachlorocyclopentadiene | | <20 | | ug/L | 09/24/2001 | 1276 | 2708 | <20 | jrjw | SW 8270C |
| Hexachloroethane | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| Indeno(1,2,3-cd)pyrene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| Isophorone | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| Naphthalene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| Nitrobenzene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| N-Nitrosodi-n-propylamine | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| Phenanthrene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| Pyrene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| 1,2,4-Trichlorobenzene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| Surrogate: d5-Nitrobenzene | | 76 | | % | 09/24/2001 | 1276 | 2708 | | jrjw | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 82 | | % | 09/24/2001 | 1276 | 2708 | | jrjw | SW 8270C |
| Surrogate: d14-Terphenyl | | 78 | | % | 09/24/2001 | 1276 | 2708 | | jrjw | SW 8270C |
| ACID COMPOUNDS (AQ) 8270 | | | | | | | | | | |
| Benzoic acid | | <50 | | ug/L | 09/24/2001 | 1276 | 2708 | <50 | jrjw | SW 8270C |
| 4-Chloro-3-methylphenol | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| 2-Chlorophenol | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| 2,4-Dichlorophenol | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| 2,4-Dimethylphenol | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| 2-Methylphenol | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| meta & para-Methylphenol | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |
| 2-Nitrophenol | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|---------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 707885 | SBI002:FB1:W091701:523 | | | | | | | | | | 09/17/2001 13:00 |
| | 2,4,6-Trichlorophenol | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrj | SW 8270C | |
| | Phenol | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrj | SW 8270C | |
| | 2,4,5-Trichlorophenol | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrj | SW 8270C | |
| | 2,4,6-Trichlorophenol | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrj | SW 8270C | |
| | Surrogate: d6-Phenol | 61 | | % | 09/24/2001 | 1276 | 2708 | | jrj | SW 8270C | |
| | Surrogate: 2-Fluorophenol | 70 | | % | 09/24/2001 | 1276 | 2708 | | jrj | SW 8270C | |
| | Surrogate: Tribromophenol | 83 | note | % | 09/24/2001 | 1276 | 2708 | | jrj | SW 8270C | |
| | TPH - Method 418.1 (AQ) | <0.2 | | mg/L | 09/27/2001 | 603 | 724 | <0.2 | 260 | EPA 418.1 | |

SAMPLE NO. 707886 **SAMPLE DESCRIPTION SBI002:FB2:W091701:523** **DATE/TIME TAKEN 09/17/2001 18:45**

| | | | | | | | | | | |
|-------------------------|----------|--|------|--|------------|------|------|----------|-----|----------|
| ICPMS TOTAL METALS | Complete | | | | 09/29/2001 | | 2572 | Complete | ekh | SW 6020 |
| Arsenic, ICPMS | <0.0050 | | mg/L | | 09/29/2001 | 1848 | 3699 | <0.0050 | ekh | SW 6020 |
| Barium, ICPMS | <0.0050 | | mg/L | | 09/29/2001 | 1848 | 3907 | <0.0050 | ekh | SW 6020 |
| Cadmium, ICPMS | <0.0010 | | mg/L | | 09/29/2001 | 1848 | 3578 | <0.0010 | ekh | SW 6020 |
| Chromium, ICPMS (0.005) | <0.0050 | | mg/L | | 09/29/2001 | 1848 | 3978 | <0.0050 | ekh | SW 6020 |
| Lead, ICPMS | <0.0010 | | mg/L | | 09/29/2001 | 1848 | 3656 | <0.0010 | ekh | SW 6020 |
| Mercury, CVAA | <0.0002 | | mg/L | | 09/26/2001 | 1416 | 1362 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | <0.0050 | | mg/L | | 09/28/2001 | 753 | 579 | <0.0050 | lnh | SW 7740 |
| Silver, ICPMS | <0.0005 | | mg/L | | 09/29/2001 | 1848 | 3913 | <0.0005 | ekh | SW 6020 |
| Metals Digestion, ICPMS | Complete | | | | 09/26/2001 | 1848 | | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | Complete | | | | 09/26/2001 | 753 | | Complete | clm | SW 3020A |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|--------------------------------|------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|-----------------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 707886 | SBI002:FB2:W091701:523 | | | | | | | | | | 09/17/2001 18:45 |
| Manual Mercury Digestion | Complete | | | | 09/24/2001 | 1416 | | Complete | epk | SW 7470A | |
| Prep, Base Neutral | Complete | | | | 09/20/2001 | 1276 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 | |
| Prep, Acid Extractable | Complete | | | | 09/20/2001 | 1276 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 | |
| Prep, TPH - 418.1 aq | Complete | | | | 09/26/2001 | 603 | | Complete | 260 | EPA 418.1 | |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | | |
| 8260 - SW846 (AQ) | Complete | | | | 09/26/2001 | 3602 | | Complete | mrh | | |
| Acetone | <20.0 | | | ug/L | 09/26/2001 | 3602 | | <20.0 | mrh | SW 8260B | |
| Benzene | <1.0 | | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| tert-Butylbenzene | <1.0 | | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| sec-Butylbenzene | <1.0 | | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| n-Butylbenzene | <1.0 | | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| Bromochloromethane | <1.0 | | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| Bromodichloromethane | <1.0 | | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| Bromoform | <1.0 | | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| Bromobenzene | <1.0 | | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| 2-Butanone (MEK) | <12.5 | | | ug/L | 09/26/2001 | 3602 | | <12.5 | mrh | SW 8260B | |
| Carbon disulfide | <1.0 | | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| Carbon tetrachloride | <1.0 | | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| Chlorobenzene | <1.0 | | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| Chloroethane | <5.0 | | | ug/L | 09/26/2001 | 3602 | | <5.0 | mrh | SW 8260B | |
| 2-Chlorotoluene | <1.0 | | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| 4-Chlorotoluene | <1.0 | | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| Chloroform | <1.0 | | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |
| Chloromethane | <5.0 | | | ug/L | 09/26/2001 | 3602 | | <5.0 | mrh | SW 8260B | |
| Dibromochloromethane | <1.0 | | | ug/L | 09/26/2001 | 3602 | | <1.0 | mrh | SW 8260B | |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 707886 | SBI002:FB2:W091701:523 | | | | | | | | | | 09/17/2001 18:45 |
| | bromomethane | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B | |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | Ethylbenzene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B | |
| | n-Hexane | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B | |
| | 2-Hexanone | <12.5 | | ug/L | 09/26/2001 | 3602 | 3602 | <12.5 | mrh | SW 8260B | |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <1.0 | mrh | SW 8260B | |
| | Bromomethane | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B | |
| | Methylene Chloride | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B | |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/26/2001 | 3602 | 3602 | <5.0 | mrh | SW 8260B | |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------------------------|------------------------|--------|------|------------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 707886 | SBI002:FB2:W091701:523 | | | | | | | | | | 09/17/2001 18:45 |
| 4-Methyl-2-pentanone (MIBK) | <12.5 | ug/L | | 09/26/2001 | 3602 | <12.5 | mrh | SW 8260B | | | |
| n-Propylbenzene | <1.0 | ug/L | | 09/26/2001 | 3602 | <1.0 | mrh | SW 8260B | | | |
| Styrene | <1.0 | ug/L | | 09/26/2001 | 3602 | <1.0 | mrh | SW 8260B | | | |
| Naphthalene | <5.0 | ug/L | | 09/26/2001 | 3602 | <5.0 | mrh | SW 8260B | | | |
| 1,1,1,2-Tetrachloroethane | <1.0 | ug/L | | 09/26/2001 | 3602 | <1.0 | mrh | SW 8260B | | | |
| 1,1,2,2-Tetrachloroethane | <1.0 | ug/L | | 09/26/2001 | 3602 | <1.0 | mrh | SW 8260B | | | |
| Tetrachloroethene | <1.0 | ug/L | | 09/26/2001 | 3602 | <1.0 | mrh | SW 8260B | | | |
| Toluene | <1.0 | ug/L | | 09/26/2001 | 3602 | <1.0 | mrh | SW 8260B | | | |
| 1,2,4-Trichlorobenzene | <5.0 | ug/L | | 09/26/2001 | 3602 | <5.0 | mrh | SW 8260B | | | |
| 1,1,1-Trichloroethane | <1.0 | ug/L | | 09/26/2001 | 3602 | <1.0 | mrh | SW 8260B | | | |
| 1,1,2-Trichloroethane | <1.0 | ug/L | | 09/26/2001 | 3602 | <1.0 | mrh | SW 8260B | | | |
| Trichloroethene | <1.0 | ug/L | | 09/26/2001 | 3602 | <1.0 | mrh | SW 8260B | | | |
| Trichlorofluoromethane | <1.0 | ug/L | | 09/26/2001 | 3602 | <1.0 | mrh | SW 8260B | | | |
| 1,2,3-Trichloropropane | <5.0 | ug/L | | 09/26/2001 | 3602 | <5.0 | mrh | SW 8260B | | | |
| 1,2,4-Trimethylbenzene | <1.0 | ug/L | | 09/26/2001 | 3602 | <1.0 | mrh | SW 8260B | | | |
| 1,3,5-Trimethylbenzene | <1.0 | ug/L | | 09/26/2001 | 3602 | <1.0 | mrh | SW 8260B | | | |
| Vinyl Acetate | <5.0 | ug/L | | 09/26/2001 | 3602 | <5.0 | mrh | SW 8260B | | | |
| Vinyl Chloride | <1.0 | ug/L | | 09/26/2001 | 3602 | <1.0 | mrh | SW 8260B | | | |
| Xylenes | <1.0 | ug/L | | 09/26/2001 | 3602 | <1.0 | mrh | SW 8260B | | | |
| d4-1,2-Dichloroethane (surr) | 110 | % | | 09/26/2001 | 3602 | | mrh | SW 8260B | | | |
| Dibromofluoromethane (surr) | 105 | % | | 09/26/2001 | 3602 | | mrh | SW 8260B | | | |
| d8-Toluene (surr) | 96 | % | | 09/26/2001 | 3602 | | mrh | SW 8260B | | | |
| Bromofluorobenzene (surr) | 105 | % | | 09/26/2001 | 3602 | | mrh | SW 8260B | | | |
| BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | | | |
| Acenaphthene | <10 | ug/L | | 09/24/2001 | 1276 2708 | <10 | jrj | SW 8270C | | | |

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|------------|------------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 707886 | SBI002:FB2:W091701:523 | | | | | | | | | | 09/17/2001 18:45 |
| | Benaphthylene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | Anthracene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | Benzo(a)anthracene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | Benzo(b)fluoranthene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | Benzo(k)fluoranthene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | Benzo(a)pyrene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | Benzyl alcohol | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | Benzyl butyl phthalate | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | bis(2-Chloroethyl)ether | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | bis(2-Chloroethoxy)methane | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | bis(2-Ethylhexyl)phthalate | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | 2,2'-oxybis(1-Chloropropane) | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | 4-Bromophenyl phenyl ether | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | 4-Chloroaniline | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | 2-Chloronaphthalene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | Chrysene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | Dibenzo(a,h)anthracene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | Dibenzofuran | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | 1,2-Dichlorobenzene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | 1,3-Dichlorobenzene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | 1,4-Dichlorobenzene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | 3,3'-Dichlorobenzidine | <50 | | ug/L | 09/24/2001 | 1276 | 2708 | <50 | jrjw | SW 8270C | |
| | Diethyl phthalate | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | Dimethyl phthalate | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | 2,4-Dinitrotoluene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |
| | 2,6-Dinitrotoluene | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrjw | SW 8270C | |

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Prep | Run | Reporting | Analyst | Method Reference | |
|-----------------------------|------------------------|--------|------|-------|---------------|--------------|-----------|--------------|-------------------------------------|----------|
| | | | | | Date Analyzed | Batch Number | | Batch Number | | Limit |
| 707886 | SBI002:FB2:W091701:523 | | | | | | | | | |
| | | | | | | | | | DATE/TIME TAKEN 09/17/2001 18:45 | |
| Di-n-octylphthalate | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrj | SW 8270C |
| Fluoranthene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrj | SW 8270C |
| Fluorene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrj | SW 8270C |
| Hexachlorobenzene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrj | SW 8270C |
| Hexachloro-1,3-butadiene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrj | SW 8270C |
| Hexachlorocyclopentadiene | | <20 | | ug/L | 09/24/2001 | 1276 | 2708 | <20 | jrj | SW 8270C |
| Hexachloroethane | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrj | SW 8270C |
| Indeno(1,2,3-cd)pyrene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrj | SW 8270C |
| Isophorone | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrj | SW 8270C |
| Naphthalene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrj | SW 8270C |
| Nitrobenzene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrj | SW 8270C |
| N-Nitrosodi-n-propylamine | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrj | SW 8270C |
| Phenanthrene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrj | SW 8270C |
| Pyrene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrj | SW 8270C |
| 1,2,4-Trichlorobenzene | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrj | SW 8270C |
| Surrogate: d5-Nitrobenzene | | 78 | | % | 09/24/2001 | 1276 | 2708 | | jrj | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 83 | | % | 09/24/2001 | 1276 | 2708 | | jrj | SW 8270C |
| Surrogate: d14-Terphenyl | | 83 | | % | 09/24/2001 | 1276 | 2708 | | jrj | SW 8270C |
| ACID COMPOUNDS (AQ) 8270 | | | | | | | | | | |
| Benzoic acid | | <50 | | ug/L | 09/24/2001 | 1276 | 2708 | <50 | jrj | SW 8270C |
| 4-Chloro-3-methylphenol | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrj | SW 8270C |
| 2-Chlorophenol | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrj | SW 8270C |
| 2,4-Dichlorophenol | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrj | SW 8270C |
| 2,4-Dimethylphenol | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrj | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrj | SW 8270C |

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Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------|---------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 707886 | SBI002:FB2:W091701:523 | | | | | | | | | |
| | | | | | | | | | | DATE/TIME TAKEN |
| | | | | | | | | | | 09/17/2001 18:45 |
| | Methylphenol | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| | meta & para-Methylphenol | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| | 2-Nitrophenol | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| | Pentachlorophenol | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| | Phenol | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| | 2,4,5-Trichlorophenol | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| | 2,4,6-Trichlorophenol | <10 | | ug/L | 09/24/2001 | 1276 | 2708 | <10 | jrw | SW 8270C |
| | Surrogate: d6-Phenol | 71 | | % | 09/24/2001 | 1276 | 2708 | | jrw | SW 8270C |
| | Surrogate: 2-Fluorophenol | 74 | | % | 09/24/2001 | 1276 | 2708 | | jrw | SW 8270C |
| | Surrogate: Tribromophenol | 86 | note | % | 09/24/2001 | 1276 | 2708 | | jrw | SW 8270C |
| | TPH - Method 418.1 (AQ) | <0.2 | | mg/L | 09/27/2001 | 603 | 724 | <0.2 | 260 | EPA 418.1 |

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Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|--------------------|----------|------|-------|------------|--------|-------|-----------|---------|-------------------------------|
| | | | | | Analyzed | Number | Batch | Batch | Limit | |
| 708064 | SBI002:TB1:091701 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | | Complete | | | 09/25/2001 | | 3601 | Complete | dmg | |
| Acetone | | <20.0 | | ug/L | 09/25/2001 | | 3601 | <20.0 | dmg | SW 8260B |
| Benzene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| tert-Butylbenzene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| sec-Butylbenzene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| n-Butylbenzene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Bromochloromethane | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Bromodichloromethane | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Bromoform | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Bromobenzene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| 2-Butanone (MEK) | | <12.5 | | ug/L | 09/25/2001 | | 3601 | <12.5 | dmg | SW 8260B |
| Carbon disulfide | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Carbon tetrachloride | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Chlorobenzene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Chloroethane | | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| 2-Chlorotoluene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| 4-Chlorotoluene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Chloroform | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Chloromethane | | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| Dibromochloromethane | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Dibromomethane | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| Dichlorodifluoromethane | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| 1,2-Dibromo-3-chloropropane | | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B |
| 1,2-Dichlorobenzene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |
| 1,3-Dichlorobenzene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|-------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 708064 | SBI002:TB1:091701 | | | | | | | | | DATE/TIME TAKEN 09/17/2001 |
| | -Dichlorobenzene | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/25/2001 | 3601 | | <5.0 | dmg | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 09/25/2001 | 3601 | | <5.0 | dmg | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/25/2001 | 3601 | | <12.5 | dmg | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/25/2001 | 3601 | | <5.0 | dmg | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/25/2001 | 3601 | | <5.0 | dmg | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/25/2001 | 3601 | | <5.0 | dmg | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/25/2001 | 3601 | | <12.5 | dmg | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/25/2001 | 3601 | | <5.0 | dmg | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/25/2001 | 3601 | | <1.0 | dmg | SW 8260B |

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Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17216

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference | DATE/TIME TAKEN |
|------------------------------|--------------------|--------|------|-------|------------|-------|-------|-----------|----------|------------------|-----------------|
| | | | | | Analyzed | Batch | Batch | | Initials | | |
| 708064 | SBI002:TB1:091701 | | | | | | | | | | 09/17/2001 |
| 1,1,2,2-Tetrachloroethane | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| Tetrachloroethene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| Toluene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| 1,2,4-Trichlorobenzene | | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B | |
| 1,1,1-Trichloroethane | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| 1,1,2-Trichloroethane | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| Trichloroethene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| Trichlorofluoromethane | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| 1,2,3-Trichloropropane | | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B | |
| 1,2,4-Trimethylbenzene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| Vinyl Acetate | | <5.0 | | ug/L | 09/25/2001 | | 3601 | <5.0 | dmg | SW 8260B | |
| Vinyl Chloride | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| Xylenes | | <1.0 | | ug/L | 09/25/2001 | | 3601 | <1.0 | dmg | SW 8260B | |
| d4-1,2-Dichloroethane (surr) | | 107 | | % | 09/25/2001 | | 3601 | | dmg | SW 8260B | |
| Dibromofluoromethane (surr) | | 103 | | % | 09/25/2001 | | 3601 | | dmg | SW 8260B | |
| d8-Toluene (surr) | | 96 | | % | 09/25/2001 | | 3601 | | dmg | SW 8260B | |
| Bromofluorobenzene (surr) | | 108 | | % | 09/25/2001 | | 3601 | | dmg | SW 8260B | |

QUALITY CONTROL FLAG DEFINITIONS

Job Number: 01.17216

(*) Indicates an out-of-control QC. The analytical data was reported based on other supporting quality control information.

(Note) Indicates to review the notes and comments section of the analytical report as there is additional information concerning this analytical result.

(MS) Indicates that the Matrix Spike (MS) was out of statistical advisory limits.

(MSD) Indicates that the Matrix Spike Duplicate (MSD) was out of statistical advisory limits.

(RPD) Indicates that the Relative Percent Difference (RPD) for the MS/MSD pair was outside of statistical advisory limits.

(SS) Indicates that the MS and MSD were out of statistical advisory limits.

(SSR) Indicates that the MS, MSD and RPD were out of statistical advisory limits.

(MSR) Indicates that the MS and RPD were out of statistical advisory limits.

(MSDR) Indicates that the MSD and RPD were out of statistical advisory limits.

(DL) Indicates that the MS and MSD were diluted out and the percent recoveries of the spikes could not be calculated.

(LS) Indicates that statistical accuracy and precision data is not available for spike concentrations which are $< 1/4$ of the sample amount. Care should be used in interpreting this data.

(J) Indicates estimated concentration due to internal standard areas or surrogate recoveries outside of control limits. A sample matrix effect is usually indicated.

(DW) Indicates Dry Weight.

Analytical Reporting Limits

The reporting limits listed for non-aqueous samples in the analytical report section are Practical Quantitation Limits (PQLs). These PQLs are based upon a typical standard weight used for a non-aqueous sample. The reporting limit for a sample may be different from the PQL listed depending upon the actual weight of sample used, the samples moisture content and any dilutions used during the analysis.

NOTES AND COMMENTS

TestAmerica Job Number: 01.17216

Sample Number: 707881

Analysis: 8260 Volatiles

The results for the unspiked sample did not match the MS/MSD samples. This was confirmed by duplicate analysis.

Sample Number: 707885-6, 707866, 707868-9

Analysis: 8270 BNA

The MB and LCS had the acid portion of a sample extract added to them. The acid portion of the LCS was concentrated and analyzed separately. All LCS recoveries were within method specifications and no target analytes were detected in the method blank.

17216

NO. 5396

CHAIN OF CUSTODY RECORD

Hull & Associates, Inc.
 6350 Wilcox Road
 Dublin, Ohio 43016
 Phone: (614)385-8777
 FAX: (614)385-9070

Dublin
 3401 Glendale Avenue
 SUITE 300
 Toledo, Ohio 43614
 Phone: (419)385-2018
 FAX: (419)385-5489

Mason
 4700 Duke Drive, Suite 172
 Mason, Ohio 45040
 Phone: (513)459-9877
 FAX: (513)459-9869

Warrensville Heights
 4949 Galaxy Parkway, Suite S
 Warrensville Heights, Ohio 44128
 Phone: (216)514-7100
 FAX: (216)514-7104

REPORT TO: Kevin Widman

Client: South Bend
 Site: Area A
 Project#: SB1002 Phase: _____
 Samplers: Sam Heath

ANALYSES
 A B C
 PRESERVATIVES

VOC
 826C
 8270
 8271
 8272
 8273
 8274
 8275
 8276
 8277
 8278
 8279
 8280

SAMPLE TYPES: PRESERVATIVES METALS
 A - Cool only, <4°C F - FILTERED
 B - HNO₃ pH<2 B - BOTH
 C - H₂SO₄ pH<2
 D - NHOH pH>12
 E - Zn-acetate + NaOH, pH>9
 F - Na₂S₂O₅ (0.008%)
 G - HCl pH<2
 H - OTHERS
 All samples are kept at 4°C.

| PROJECT NO. | SAMPLE LOCATION | SAMPLE TYPE | SAMPLER ID | NO. OF METALS CONT. | SAMPLING DATE/TIME | ANALYSES | COMMENTS |
|-------------|-----------------|-------------|------------|---------------------|--------------------|---------------|---------------------------------|
| SB1002 | HMW32D: G091701 | | : 523 | 7 | 9-17-01 11:25 | X X X X X X X | |
| SB1002 | HMW31B: G091701 | | : 523 | 7 | 9-17-01 11:40 | X X X X X X X | |
| SB1002 | HMW31I: G091701 | | : 523 | 7 | 9-17-01 12:50 | X X X X X X X | |
| SB1002 | HMW31E: G091701 | | : 523 | 7 | 9-17-01 12:50 | X X X X X X X | |
| SB1002 | HMW22D: G091701 | | : 523 | 4 | 9-17-01 14:30 | X X X X | |
| SB1002 | HMW22I: G091701 | | : 523 | 4 | 9-17-01 14:00 | X X X X | |
| SB1002 | TB1 : 091701 | | : | 3 | 9-17-01 | X X X | Extra sample for metal analysis |
| SB1002 | MW8D: G091701 | | : 523 | 4 | 9-17-01 15:15 | X X X X | |
| SB1002 | MW8S: G091701 | | : 523 | 4 | 9-17-01 15:30 | X X X X | |
| SB1002 | MW1D: G091701 | | : 523 | 4 | 9-17-01 15:40 | X X X X | |
| SB1002 | MW1S: G091701 | | : 523 | 4 | 9-17-01 15:55 | X X X X | |
| SB1002 | FBI : W091701 | | : 523 | 7 | 9-17-01 13:00 | X X X X X X X | |

RELINQUISHED BY: Sam Heath DATE: 9-18-01 TIME: 6:38
 RECEIVED BY: Matt Young DATE: 9-18-01 TIME: 6:38
 RELINQUISHED BY: Sam Heath DATE: 9-18-01 TIME: 19:00
 RECEIVED BY: Fed Ex DATE: 9-18-01 TIME: 19:00
 RELINQUISHED BY: Sam Heath DATE: - - - - TIME: - - - -
 RECEIVED FOR LAB BY: DAN DATE: 9-17-01 TIME: 15:30

Deliver To: Rec Test America
 Method of Delivery: Fed Ex
 Airbill Number: 828072775229
 NOTES: Check temp from TB-1

COOLER TEMPERATURE AS RECEIVED °C : 4

DISTRIBUTION:
 WHITE --LAB USE (MUST BE RETURNED WITH REPORT)
 YELLOW --LAB USE
 PINK --RETAINED BY IAH

TURN AROUND TIME: STD DAYS



Hull & Associates, Inc.

Dublin
 6130 Wilcox Road
 Dublin, Ohio 43016
 Phone: (614)385-8777
 FAX: (614)385-8070

Toledo
 3401 Glendale Avenue
 Suite 300
 Toledo, Ohio 43614
 Phone: (419)385-2018
 FAX: (419)385-5489

Mason
 4700 Duke Drive, Suite 172
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 Phone: (513)459-9877
 FAX: (513)459-9869

Warrensburg-Heights
 4949 Galoxy Parkway, Suite S
 Warrensville Heights, Ohio 44128
 Phone: (216)514-7100
 FAX: (216)514-7104

REPORT TO: Kevin Wilbran

Client: South Bend
 Site: Area A
 Project#: SBI002 Phase: _____
 Samplers: Sam Heath

CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

NO. 5375

| PRESERVATIVES | ANALYSES |
|--|----------|
| G | B |
| Vloc 8260 Metals 8270 SVOC 8270 PCBs 8270 | |

SAMPLE TYPES
 A AIR
 C ASBESTOS
 D SEDIMENT
 G GROUNDWATER
 P PRODUCT
 S SOIL
 W WATER
 Z OTHERS

PRESERVATIVES
 A - Cool only, <4° C
 B - HNO₃ pH<2
 C - H₂O₂ pH<2
 D - 20% H₂O₂
 E - Acetic acid + NaOH, pH>8
 F - H₂SO₄ (0.008%)
 G - HCl pH<2

METALS
 F - FILTERED
 N - NOT FILTERED
 B - BOTH

All samples are kept at 4°C.

| PROJECT NO. | SAMPLE LOCATION | SAMPLE TYPE | SAMPLER ID | NO. OF METALS (CONT.) | SAMPLING DATE/TIME | COMMENTS |
|-------------|-----------------|-------------|------------|-----------------------|--------------------|----------|
| SBI002 | HmW8D | G091701 | : 523 | 4 | 9-17-01 1630 | X |
| SBI002 | HmW8E | G091701 | : 523 | 4 | 9-17-01 1640 | X |
| SBI002 | HmW8S | G091701 | : 523 | 4 | 9-17-01 1650 | X |
| SBI002 | HmW8D | G091701D | : 523 | 4 | 9-17-01 1630 | X |
| SBI002 | HmW7S | G091701 | : 523 | 4 | 9-17-01 1745 | X |
| SBI002 | HmW3S | G091701 | : 523 | 4 | 9-17-01 1800 | X |
| SBI002 | HmW3SS | G091701 | : 523 | 4 | 9-17-01 1800 | X |
| SBI002 | HmW17D | G091701 | : 523 | 4 | 9-17-01 1820 | X |
| SBI002 | MW25D | G091701 | : 523 | 4 | 9-17-01 1830 | X |
| SBI002 | MW25S | G091701 | : 523 | 4 | 9-17-01 1840 | X |
| SBI002 | FBZ | W091701 | : 623 | 7 | 9-17-01 1845 | X |

Deliver To: Rec Test America
 Method of Delivery: Fed Ex
 Airbill Number: 828072715229
 NOTES: Check temp from TB-1

| RELINQUISHED BY: | DATE: | RECEIVED BY: | DATE: |
|------------------|---------------|-------------------|---------------|
| <u>Sam Heath</u> | 9-18-01 | <u>Matt Young</u> | 9-18-01 |
| | TIME: 6:38 | | TIME: 6:30 |
| | DATE: 9-18-01 | | DATE: 9-18-01 |
| | TIME: 19:00 | | TIME: 19:00 |
| | DATE: - | | DATE: 9-19-01 |
| | TIME: - | | TIME: 15:30 |

COOLER TEMPERATURE AS RECEIVED °C: 4

DISTRIBUTION:
 WHITE -- LAB USE (MUST BE RETURNED WITH REPORT)
 YELLOW -- LAB USE
 PINK -- RETAINED BY IAH

TURN AROUND TIME: STD DAYS

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Enclosed is the analytical report for the following samples submitted to the Dayton Division of TestAmerica, Inc. for analysis:

| <u>Sample Number</u> | <u>Sample Description</u> | <u>Date Taken</u> | <u>Date Received</u> |
|----------------------|---------------------------|-------------------|----------------------|
| 707749 | SBI002:HMW1S:G091801:523 | 09/18/2001 | 09/19/2001 |
| 707750 | SBI002:HMW1I:G091801:523 | 09/18/2001 | 09/19/2001 |
| 707751 | SBI002:HMW1D:G091801:523 | 09/18/2001 | 09/19/2001 |
| 707752 | SBI002:TB1:091801 | 09/18/2001 | 09/19/2001 |
| 707863 | SBI002:19S:G091801:505 | 09/18/2001 | 09/19/2001 |
| 707965 | SBI002:19S:G091801D:505 | 09/18/2001 | 09/19/2001 |

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Reproduction of this analytical report is permitted only in its entirety.

Enclosure


Approved By

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|--------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 707729 | SBI002:MW28S:G091801:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 08:50 |
| ICPMS TOTAL METALS | Complete | | | | 09/28/2001 | | 2566 | Complete | ekh | SW 6020 |
| Arsenic, ICPMS | 0.0111 | mg/L | | | 09/28/2001 | 1847 | 3691 | <0.0050 | ekh | SW 6020 |
| Barium, ICPMS | 0.163 | mg/L | | | 09/28/2001 | 1847 | 3899 | <0.0050 | ekh | SW 6020 |
| Cadmium, ICPMS | <0.0010 | mg/L | | | 09/28/2001 | 1847 | 3570 | <0.0010 | ekh | SW 6020 |
| Chromium, ICPMS (0.005) | <0.0050 | mg/L | | | 09/28/2001 | 1847 | 3970 | <0.0050 | ekh | SW 6020 |
| Lead, ICPMS | 0.0170 | mg/L | | | 09/28/2001 | 1847 | 3648 | <0.0010 | ekh | SW 6020 |
| Mercury, CVAA | <0.0002 | mg/L | | | 09/25/2001 | 1414 | 1360 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | <0.0050 | mg/L | | | 09/27/2001 | 752 | 578 | <0.0050 | lnh | SW 7740 |
| Silver, ICPMS | <0.0005 | mg/L | | | 09/28/2001 | 1847 | 3905 | <0.0005 | ekh | SW 6020 |
| Metals Digestion, ICPMS | Complete | | | | 09/26/2001 | 1847 | | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | Complete | | | | 09/26/2001 | 752 | | Complete | clm | SW 3020A |
| Manual Mercury Digestion | Complete | | | | 09/24/2001 | 1414 | | Complete | epk | SW 7470A |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | Complete | | | | 09/26/2001 | | 3603 | Complete | bmh | |
| Acetone | <20.0 | ug/L | | | 09/26/2001 | | 3603 | <20.0 | bmh | SW 8260B |
| Benzene | <1.0 | ug/L | | | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| tert-Butylbenzene | <1.0 | ug/L | | | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| sec-Butylbenzene | <1.0 | ug/L | | | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| n-Butylbenzene | <1.0 | ug/L | | | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Bromochloromethane | <1.0 | ug/L | | | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Bromodichloromethane | <1.0 | ug/L | | | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Bromoform | <1.0 | ug/L | | | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Bromobenzene | <1.0 | ug/L | | | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 2-Butanone (MEK) | <12.5 | ug/L | | | 09/26/2001 | | 3603 | <12.5 | bmh | SW 8260B |
| Carbon disulfide | <1.0 | ug/L | | | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 707729 | SBI002:MW28S:G091801:505 | | | | | | | | | | 09/18/2001 08:50 |
| | Carbon tetrachloride | <1.0 | | ug/L | 09/26/2001 | 3603 | | <1.0 | bmh | SW 8260B | |
| | Chlorobenzene | <1.0 | | ug/L | 09/26/2001 | 3603 | | <1.0 | bmh | SW 8260B | |
| | Chloroethane | <5.0 | | ug/L | 09/26/2001 | 3603 | | <5.0 | bmh | SW 8260B | |
| | 2-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | 3603 | | <1.0 | bmh | SW 8260B | |
| | 4-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | 3603 | | <1.0 | bmh | SW 8260B | |
| | Chloroform | <1.0 | | ug/L | 09/26/2001 | 3603 | | <1.0 | bmh | SW 8260B | |
| | Chloromethane | <5.0 | | ug/L | 09/26/2001 | 3603 | | <5.0 | bmh | SW 8260B | |
| | Dibromochloromethane | <1.0 | | ug/L | 09/26/2001 | 3603 | | <1.0 | bmh | SW 8260B | |
| | Dibromomethane | <1.0 | | ug/L | 09/26/2001 | 3603 | | <1.0 | bmh | SW 8260B | |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/26/2001 | 3603 | | <1.0 | bmh | SW 8260B | |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/26/2001 | 3603 | | <5.0 | bmh | SW 8260B | |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | 3603 | | <1.0 | bmh | SW 8260B | |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | 3603 | | <1.0 | bmh | SW 8260B | |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | 3603 | | <1.0 | bmh | SW 8260B | |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | 3603 | | <1.0 | bmh | SW 8260B | |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | 3603 | | <1.0 | bmh | SW 8260B | |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | 3603 | | <1.0 | bmh | SW 8260B | |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | 3603 | | <1.0 | bmh | SW 8260B | |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | 3603 | | <1.0 | bmh | SW 8260B | |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | 3603 | | <1.0 | bmh | SW 8260B | |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | 3603 | | <1.0 | bmh | SW 8260B | |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | 3603 | | <1.0 | bmh | SW 8260B | |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | 3603 | | <1.0 | bmh | SW 8260B | |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | 3603 | | <1.0 | bmh | SW 8260B | |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | 3603 | | <1.0 | bmh | SW 8260B | |
| | Ethylbenzene | <1.0 | | ug/L | 09/26/2001 | 3603 | | <1.0 | bmh | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 707729 | SBI002:MW28S:G091801:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 08:50 |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/26/2001 | | 3603 | <12.5 | bmh | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/26/2001 | | 3603 | <12.5 | bmh | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Tetrachloroethene | 2.9 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Trichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Vinyl Acetate | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | Vinyl Chloride | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | DATE ANALYZED | PREP BATCH NUMBER | RUN BATCH NUMBER | REPORTING LIMIT | ANALYST INITIALS | DATE/TIME TAKEN |
|------------------------------|--------------------------|---------------|-------------------|------------------|-----------------|------------------|------------------|
| 707729 | SBI002:MW28S:G091801:505 | | | | | | 09/18/2001 08:50 |
| Xylenes | <1.0 ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B |
| d4-1,2-Dichloroethane (surr) | 104 ‡ | 09/26/2001 | 3603 | 3603 | | bmh | SW 8260B |
| Dibromofluoromethane (surr) | 101 ‡ | 09/26/2001 | 3603 | 3603 | | bmh | SW 8260B |
| d8-Toluene (surr) | 95 ‡ | 09/26/2001 | 3603 | 3603 | | bmh | SW 8260B |
| Bromofluorobenzene (surr) | 107 ‡ | 09/26/2001 | 3603 | 3603 | | bmh | SW 8260B |

SAMPLE NO. 707730 **SAMPLE DESCRIPTION SBI002:MW28D:G091801:505** **DATE/TIME TAKEN 09/18/2001 08:40**

| | | | | | | | |
|--------------------------|--------------|--|------------|-----------|----------|-----|----------|
| ICPMS TOTAL METALS | Complete | | 09/28/2001 | 2566 | Complete | ekh | SW 6020 |
| Arsenic, ICPMS | 0.0112 mg/L | | 09/28/2001 | 1847 3691 | <0.0050 | ekh | SW 6020 |
| Barium, ICPMS | 0.0628 mg/L | | 09/28/2001 | 1847 3899 | <0.0050 | ekh | SW 6020 |
| Cadmium, ICPMS | <0.0010 mg/L | | 09/28/2001 | 1847 3570 | <0.0010 | ekh | SW 6020 |
| Chromium, ICPMS (0.005) | <0.0050 mg/L | | 09/28/2001 | 1847 3970 | <0.0050 | ekh | SW 6020 |
| Lead, ICPMS | 0.0170 mg/L | | 09/28/2001 | 1847 3648 | <0.0010 | ekh | SW 6020 |
| Mercury, CVAA | <0.0002 mg/L | | 09/25/2001 | 1414 1360 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | <0.0050 mg/L | | 09/27/2001 | 752 578 | <0.0050 | lnh | SW 7740 |
| Silver, ICPMS | <0.0005 mg/L | | 09/28/2001 | 1847 3905 | <0.0005 | ekh | SW 6020 |
| Metals Digestion, ICPMS | Complete | | 09/26/2001 | 1847 | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | Complete | | 09/26/2001 | 752 | Complete | clm | SW 3020A |
| Manual Mercury Digestion | Complete | | 09/24/2001 | 1414 | Complete | epk | SW 7470A |

VOLATILE COMPOUNDS - 8260 (AQ)

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|-----------------------------|--------------------|----------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 8260 - SW846 (AQ) | | Complete | | | 09/26/2001 | | 3603 | Complete | | | 09/18/2001 08:40 |
| Acetone | | <20.0 | | ug/L | 09/26/2001 | | 3603 | <20.0 | | bmh | SW 8260B |
| Benzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | | bmh | SW 8260B |
| tert-Butylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | | bmh | SW 8260B |
| sec-Butylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | | bmh | SW 8260B |
| n-Butylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | | bmh | SW 8260B |
| Bromochloromethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | | bmh | SW 8260B |
| Bromodichloromethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | | bmh | SW 8260B |
| Bromoform | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | | bmh | SW 8260B |
| Bromobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | | bmh | SW 8260B |
| 2-Butanone (MEK) | | <12.5 | | ug/L | 09/26/2001 | | 3603 | <12.5 | | bmh | SW 8260B |
| Carbon disulfide | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | | bmh | SW 8260B |
| Carbon tetrachloride | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | | bmh | SW 8260B |
| Chlorobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | | bmh | SW 8260B |
| Chloroethane | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | | bmh | SW 8260B |
| 2-Chlorotoluene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | | bmh | SW 8260B |
| 4-Chlorotoluene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | | bmh | SW 8260B |
| Chloroform | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | | bmh | SW 8260B |
| Chloromethane | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | | bmh | SW 8260B |
| Dibromochloromethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | | bmh | SW 8260B |
| Dibromomethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | | bmh | SW 8260B |
| Dichlorodifluoromethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | | bmh | SW 8260B |
| 1,2-Dibromo-3-chloropropane | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | | bmh | SW 8260B |
| 1,2-Dichlorobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | | bmh | SW 8260B |
| 1,3-Dichlorobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | | bmh | SW 8260B |
| 1,4-Dichlorobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | | bmh | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|--------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707730 | SBI002:MW28D:G091801:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 08:40 |
| 1,1-Dichloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,2-Dichloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,1-Dichloroethene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| cis-1,2-Dichloroethene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| trans-1,2-Dichloroethene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,2-Dichloropropane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,3-Dichloropropane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 2,2-Dichloropropane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,1-Dichloropropene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| cis-1,3-Dichloropropene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| trans-1,3-Dichloropropene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Ethylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Hexachlorobutadiene | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| n-Hexane | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| 2-Hexanone | | <12.5 | | ug/L | 09/26/2001 | | 3603 | <12.5 | bmh | SW 8260B |
| Isopropylbenzene (Cumene) | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| p-Isopropyltoluene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Bromomethane | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| Methylene Chloride | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| Methyl t-butyl ether (MTBE) | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| 4-Methyl-2-pentanone (MIBK) | | <12.5 | | ug/L | 09/26/2001 | | 3603 | <12.5 | bmh | SW 8260B |
| n-Propylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Styrene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Naphthalene | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| 1,1,1,2-Tetrachloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,1,2,2-Tetrachloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------------------------|--------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 707730 | SBI002:MW28D:G091801:505 | | | | | | | | | |
| | | | | | | | | | | DATE/TIME TAKEN 09/18/2001 08:40 |
| Tetrachloroethene | | 12.8 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Toluene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,2,4-Trichlorobenzene | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| 1,1,1-Trichloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,1,2-Trichloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Trichloroethene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Trichlorofluoromethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,2,3-Trichloropropane | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| 1,2,4-Trimethylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Vinyl Acetate | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| Vinyl Chloride | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Xylenes | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| d4-1,2-Dichloroethane (surr) | | 106 | | % | 09/26/2001 | | 3603 | | bmh | SW 8260B |
| Dibromofluoromethane (surr) | | 102 | | % | 09/26/2001 | | 3603 | | bmh | SW 8260B |
| d8-Toluene (surr) | | 96 | | % | 09/26/2001 | | 3603 | | bmh | SW 8260B |
| Bromofluorobenzene (surr) | | 100 | | % | 09/26/2001 | | 3603 | | bmh | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|---------------------------|--------|------|-------|------------|--------|-------|-----------|---------|-------------------------------------|
| | | | | | Analyzed | Number | Batch | Number | Limit | |
| 707731 | SBI002:HMW12D:G091801:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 08:30 |
| ICPMS TOTAL METALS | Complete | | | | 09/28/2001 | | 2566 | Complete | ekh | SW 6020 |
| Arsenic, ICPMS | <0.0050 | mg/L | | | 09/28/2001 | 1847 | 3691 | <0.0050 | ekh | SW 6020 |
| Barium, ICPMS | 0.0626 | mg/L | | | 09/28/2001 | 1847 | 3899 | <0.0050 | ekh | SW 6020 |
| Cadmium, ICPMS | <0.0010 | mg/L | | | 09/28/2001 | 1847 | 3570 | <0.0010 | ekh | SW 6020 |
| Chromium, ICPMS (0.005) | <0.0050 | mg/L | | | 09/28/2001 | 1847 | 3970 | <0.0050 | ekh | SW 6020 |
| Lead, ICPMS | 0.0028 | mg/L | | | 09/28/2001 | 1847 | 3648 | <0.0010 | ekh | SW 6020 |
| Mercury, CVAA | <0.0002 | mg/L | | | 09/25/2001 | 1414 | 1360 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | <0.0050 | mg/L | | | 09/27/2001 | 752 | 578 | <0.0050 | lnh | SW 7740 |
| Silver, ICPMS | <0.0005 | mg/L | | | 09/28/2001 | 1847 | 3905 | <0.0005 | ekh | SW 6020 |
| Metals Digestion, ICPMS | Complete | | | | 09/26/2001 | 1847 | | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | Complete | | | | 09/26/2001 | 752 | | Complete | clm | SW 3020A |
| Manual Mercury Digestion | Complete | | | | 09/24/2001 | 1414 | | Complete | epk | SW 7470A |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | Complete | | | | 09/26/2001 | | 3603 | Complete | bmh | |
| Acetone | <20.0 | ug/L | | | 09/26/2001 | | 3603 | <20.0 | bmh | SW 8260B |
| Benzene | <1.0 | ug/L | | | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| tert-Butylbenzene | <1.0 | ug/L | | | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| sec-Butylbenzene | <1.0 | ug/L | | | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| n-Butylbenzene | <1.0 | ug/L | | | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Bromochloromethane | <1.0 | ug/L | | | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Bromodichloromethane | <1.0 | ug/L | | | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Bromoform | <1.0 | ug/L | | | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Bromobenzene | <1.0 | ug/L | | | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 2-Butanone (MEK) | <12.5 | ug/L | | | 09/26/2001 | | 3603 | <12.5 | bmh | SW 8260B |
| Carbon disulfide | <1.0 | ug/L | | | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 707731 | SBI002:HMW12D:G091801:505 | | | | | | | | | | 09/18/2001 08:30 |
| | Carbon tetrachloride | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B | |
| | Chlorobenzene | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B | |
| | Chloroethane | <5.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <5.0 | bmh | SW 8260B | |
| | 2-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B | |
| | 4-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B | |
| | Chloroform | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B | |
| | Chloromethane | <5.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <5.0 | bmh | SW 8260B | |
| | Dibromochloromethane | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B | |
| | Dibromomethane | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B | |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B | |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <5.0 | bmh | SW 8260B | |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B | |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B | |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B | |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B | |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B | |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B | |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B | |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B | |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B | |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B | |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B | |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B | |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B | |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B | |
| | Ethylbenzene | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|---------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 707731 | SBI002:HMW12D:G091801:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 08:30 |
| Hexachlorobutadiene | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| n-Hexane | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| 2-Hexanone | | <12.5 | | ug/L | 09/26/2001 | | 3603 | <12.5 | bmh | SW 8260B |
| Isopropylbenzene (Cumene) | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| p-Isopropyltoluene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Bromomethane | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| Methylene Chloride | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| Methyl t-butyl ether (MTBE) | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| 4-Methyl-2-pentanone (MIBK) | | <12.5 | | ug/L | 09/26/2001 | | 3603 | <12.5 | bmh | SW 8260B |
| n-Propylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Styrene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Naphthalene | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| 1,1,1,2-Tetrachloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,1,2,2-Tetrachloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Tetrachloroethene | | 1.4 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Toluene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,2,4-Trichlorobenzene | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| 1,1,1-Trichloroethane | | 1.6 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,1,2-Trichloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Trichloroethene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Trichlorofluoromethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,2,3-Trichloropropane | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| 1,2,4-Trimethylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Vinyl Acetate | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| Vinyl Chloride | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|------------------------------|--------|------|-------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | 09/18/2001 08:30 |
| 707731 | SBI002:HMW12D:G091801:505 | | | | | | | | | | |
| | Xylenes | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | d4-1,2-Dichloroethane (surr) | 105 | | % | 09/26/2001 | | 3603 | | bmh | SW 8260B | |
| | Dibromofluoromethane (surr) | 101 | | % | 09/26/2001 | | 3603 | | bmh | SW 8260B | |
| | d8-Toluene (surr) | 97 | | % | 09/26/2001 | | 3603 | | bmh | SW 8260B | |
| | Bromofluorobenzene (surr) | 101 | | % | 09/26/2001 | | 3603 | | bmh | SW 8260B | |

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|---------------------------|----------|------|-------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | 09/18/2001 09:50 |
| 707732 | SBI002:HMW11D:G091801:505 | | | | | | | | | | |
| | ICPMS TOTAL METALS | Complete | | | 09/28/2001 | | 2566 | Complete | ekh | SW 6020 | |
| | Arsenic, ICPMS | <0.0050 | | mg/L | 09/28/2001 | 1847 | 3691 | <0.0050 | ekh | SW 6020 | |
| | Barium, ICPMS | 0.0555 | | mg/L | 09/28/2001 | 1847 | 3899 | <0.0050 | ekh | SW 6020 | |
| | Cadmium, ICPMS | <0.0010 | | mg/L | 09/28/2001 | 1847 | 3570 | <0.0010 | ekh | SW 6020 | |
| | Chromium, ICPMS (0.005) | <0.0050 | | mg/L | 09/28/2001 | 1847 | 3970 | <0.0050 | ekh | SW 6020 | |
| | Lead, ICPMS | 0.0036 | | mg/L | 09/28/2001 | 1847 | 3648 | <0.0010 | ekh | SW 6020 | |
| | Mercury, CVAA | <0.0002 | | mg/L | 09/25/2001 | 1414 | 1360 | <0.0002 | epk | SW 7470A | |
| | Selenium, GFAA | <0.0050 | | mg/L | 09/27/2001 | 752 | 578 | <0.0050 | lnh | SW 7740 | |
| | Silver, ICPMS | <0.0005 | | mg/L | 09/28/2001 | 1847 | 3905 | <0.0005 | ekh | SW 6020 | |
| | Metals Digestion, ICPMS | Complete | | | 09/26/2001 | 1847 | | Complete | clm | SW 3010A | |
| | Metals Digestion, GFAA | Complete | | | 09/26/2001 | 752 | | Complete | clm | SW 3020A | |
| | Manual Mercury Digestion | Complete | | | 09/24/2001 | 1414 | | Complete | epk | SW 7470A | |

VOLATILE COMPOUNDS - 8260 (AQ)

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|---------------------------|----------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 707732 | SBI002:HMW11D:G091801:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 09:50 |
| 8260 - SW846 (AQ) | | Complete | | | 09/26/2001 | | 3603 | Complete | bmh | |
| Acetone | | <20.0 | | ug/L | 09/26/2001 | | 3603 | <20.0 | bmh | SW 8260B |
| Benzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| tert-Butylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| sec-Butylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| n-Butylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Bromochloromethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Bromodichloromethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Bromoform | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Bromobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 2-Butanone (MEK) | | <12.5 | | ug/L | 09/26/2001 | | 3603 | <12.5 | bmh | SW 8260B |
| Carbon disulfide | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Carbon tetrachloride | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Chlorobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Chloroethane | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| 2-Chlorotoluene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 4-Chlorotoluene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Chloroform | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Chloromethane | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| Dibromochloromethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Dibromomethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Dichlorodifluoromethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,2-Dibromo-3-chloropropane | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| 1,2-Dichlorobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,3-Dichlorobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,4-Dichlorobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|---------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707732 | SBI002:HMW11D:G091801:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 09:50 |
| 1,1-Dichloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,2-Dichloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,i-Dichloroethene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| cis-1,2-Dichloroethene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| trans-1,2-Dichloroethene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,2-Dichloropropane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,3-Dichloropropane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 2,2-Dichloropropane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,1-Dichloropropene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| cis-1,3-Dichloropropene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| trans-1,3-Dichloropropene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Ethylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Hexachlorobutadiene | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| n-Hexane | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| 2-Hexanone | | <12.5 | | ug/L | 09/26/2001 | | 3603 | <12.5 | bmh | SW 8260B |
| Isopropylbenzene (Cumene) | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| p-Isopropyltoluene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Bromomethane | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| Methylene Chloride | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| Methyl t-butyl ether (MTBE) | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| 4-Methyl-2-pentanone (MIBK) | | <12.5 | | ug/L | 09/26/2001 | | 3603 | <12.5 | bmh | SW 8260B |
| n-Propylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Styrene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Naphthalene | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| 1,1,1,2-Tetrachloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,1,2,2-Tetrachloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|------------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 707732 | SBI002:HMW11D:G091801:505 | | | | | | | | | | 09/18/2001 09:50 |
| | Tetrachloroethene | 34.2 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | Toluene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B | |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | Trichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B | |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | Vinyl Acetate | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B | |
| | Vinyl Chloride | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | Xylenes | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | d4-1,2-Dichloroethane (surr) | 105 | | % | 09/26/2001 | | 3603 | | bmh | SW 8260B | |
| | Dibromofluoromethane (surr) | 102 | | % | 09/26/2001 | | 3603 | | bmh | SW 8260B | |
| | d8-Toluene (surr) | 96 | | % | 09/26/2001 | | 3603 | | bmh | SW 8260B | |
| | Bromofluorobenzene (surr) | 100 | | % | 09/26/2001 | | 3603 | | bmh | SW 8260B | |

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 707733 | SBI002:HMW11I:G091801:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 10:00 |
| | Carbon tetrachloride | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B |
| | Chlorobenzene | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B |
| | Chloroethane | <5.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <5.0 | bmh | SW 8260B |
| | 2-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B |
| | 4-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B |
| | Chloroform | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B |
| | Chloromethane | <5.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <5.0 | bmh | SW 8260B |
| | Dibromochloromethane | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B |
| | Dibromomethane | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <5.0 | bmh | SW 8260B |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B |
| | cis-1,2-Dichloroethene | 35.5 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B |
| | trans-1,2-Dichloroethene | 5.1 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|-----------------------------|---------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 707733 | SBI002:HMW111:G091801:505 | | | | | | | | | | 09/18/2001 10:00 |
| Hexachlorobutadiene | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B | |
| n-Hexane | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B | |
| 2-Hexanone | | <12.5 | | ug/L | 09/26/2001 | | 3603 | <12.5 | bmh | SW 8260B | |
| Isopropylbenzene (Cumene) | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| p-Isopropyltoluene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| Bromomethane | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B | |
| Methylene Chloride | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B | |
| Methyl t-butyl ether (MTBE) | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B | |
| 4-Methyl-2-pentanone (MIBK) | | <12.5 | | ug/L | 09/26/2001 | | 3603 | <12.5 | bmh | SW 8260B | |
| n-Propylbenzene | | 1.2 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| Styrene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| Naphthalene | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B | |
| 1,1,1,2-Tetrachloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| 1,1,2,2-Tetrachloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| Tetrachloroethene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| Toluene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| 1,2,4-Trichlorobenzene | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B | |
| 1,1,1-Trichloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| 1,1,2-Trichloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| Trichloroethene | | 11.3 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| Trichlorofluoromethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| 1,2,3-Trichloropropane | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B | |
| 1,2,4-Trimethylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| Vinyl Acetate | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B | |
| Vinyl Chloride | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|------------------------------|--------|------|-------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| 707733 | SBI002:HMW11I:G091801:505 | | | | | | | | | | 09/18/2001 10:00 |
| | Xylenes | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | d4-1,2-Dichloroethane (surr) | 104 | | % | 09/26/2001 | | 3603 | | bmh | SW 8260B | |
| | Dibromofluoromethane (surr) | 103 | | % | 09/26/2001 | | 3603 | | bmh | SW 8260B | |
| | d8-Toluene (surr) | 95 | | % | 09/26/2001 | | 3603 | | bmh | SW 8260B | |
| | Bromofluorobenzene (surr) | 99 | | % | 09/26/2001 | | 3603 | | bmh | SW 8260B | |

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|----------------------------|----------|------|-------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| 707734 | SBI002:HMW11I:G091801D:505 | | | | | | | | | | 09/18/2001 10:00 |
| | ICPMS TOTAL METALS | Complete | | | 09/28/2001 | | 2566 | Complete | ekh | SW 6020 | |
| | Arsenic, ICPMS | <0.0050 | | mg/L | 09/28/2001 | 1847 | 3691 | <0.0050 | ekh | SW 6020 | |
| | Barium, ICPMS | 0.0335 | | mg/L | 09/28/2001 | 1847 | 3899 | <0.0050 | ekh | SW 6020 | |
| | Cadmium, ICPMS | <0.0010 | | mg/L | 09/28/2001 | 1847 | 3570 | <0.0010 | ekh | SW 6020 | |
| | Chromium, ICPMS (0.005) | <0.0050 | | mg/L | 09/28/2001 | 1847 | 3970 | <0.0050 | ekh | SW 6020 | |
| | Lead, ICPMS | 0.0022 | | mg/L | 09/28/2001 | 1847 | 3648 | <0.0010 | ekh | SW 6020 | |
| | Mercury, CVAA | <0.0002 | | mg/L | 09/25/2001 | 1414 | 1360 | <0.0002 | epk | SW 7470A | |
| | Selenium, GFAA | <0.0050 | | mg/L | 09/27/2001 | 752 | 578 | <0.0050 | lnh | SW 7740 | |
| | Silver, ICPMS | <0.0005 | | mg/L | 09/28/2001 | 1847 | 3905 | <0.0005 | ekh | SW 6020 | |
| | Metals Digestion, ICPMS | Complete | | | 09/26/2001 | 1847 | | Complete | clm | SW 3010A | |
| | Metals Digestion, GFAA | Complete | | | 09/26/2001 | 752 | | Complete | clm | SW 3020A | |
| | Manual Mercury Digestion | Complete | | | 09/24/2001 | 1414 | | Complete | epk | SW 7470A | |

VOLATILE COMPOUNDS - 8260 (AQ)

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|----------------------------|--------|------|-------|------------|--------------|--------------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch Number | Batch Number | Limit | Initials | |
| 707734 | SBI002:HMW11I:G091801D:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 10:00 |
| 8260 - SW846 (AQ) | Complete | | | | 09/26/2001 | | 3603 | Complete | bmh | |
| Acetone | <20.0 | | | ug/L | 09/26/2001 | | 3603 | <20.0 | bmh | SW 8260B |
| Benzene | <1.0 | | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| tert-Butylbenzene | <1.0 | | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| sec-Butylbenzene | 1.4 | | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| n-Butylbenzene | <1.0 | | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Bromochloromethane | <1.0 | | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Bromodichloromethane | <1.0 | | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Bromoform | <1.0 | | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Bromobenzene | <1.0 | | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 2-Butanone (MEK) | <12.5 | | | ug/L | 09/26/2001 | | 3603 | <12.5 | bmh | SW 8260B |
| Carbon disulfide | <1.0 | | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Carbon tetrachloride | <1.0 | | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Chlorobenzene | <1.0 | | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Chloroethane | <5.0 | | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| 2-Chlorotoluene | <1.0 | | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 4-Chlorotoluene | <1.0 | | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Chloroform | <1.0 | | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Chloromethane | <5.0 | | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| Dibromochloromethane | <1.0 | | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Dibromomethane | <1.0 | | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Dichlorodifluoromethane | <1.0 | | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,2-Dibromo-3-chloropropane | <5.0 | | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| 1,2-Dichlorobenzene | <1.0 | | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,3-Dichlorobenzene | <1.0 | | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,4-Dichlorobenzene | <1.0 | | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707734 | SBI002:HMW11I:G091801D:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 10:00 |
| 1,1-Dichloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,2-Dichloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,1-Dichloroethene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| cis-1,2-Dichloroethene | | 34.2 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| trans-1,2-Dichloroethene | | 5.3 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,2-Dichloropropane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,3-Dichloropropane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 2,2-Dichloropropane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,1-Dichloropropene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| cis-1,3-Dichloropropene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| trans-1,3-Dichloropropene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Ethylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Hexachlorobutadiene | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| n-Hexane | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| 2-Hexanone | | <12.5 | | ug/L | 09/26/2001 | | 3603 | <12.5 | bmh | SW 8260B |
| Isopropylbenzene (Cumene) | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| p-Isopropyltoluene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Bromomethane | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| Methylene Chloride | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| Methyl t-butyl ether (MTBE) | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| 4-Methyl-2-pentanone (MIBK) | | <12.5 | | ug/L | 09/26/2001 | | 3603 | <12.5 | bmh | SW 8260B |
| n-Propylbenzene | | 1.3 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Styrene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Naphthalene | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| 1,1,1,2-Tetrachloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,1,1,2,2-Tetrachloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------------------------|----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707734 | SBI002:HMW11I:G091801D:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 10:00 |
| Tetrachloroethene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Toluene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,2,4-Trichlorobenzene | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| 1,1,1-Trichloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,1,2-Trichloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Trichloroethene | | 12.1 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Trichlorofluoromethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,2,3-Trichloropropane | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| 1,2,4-Trimethylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Vinyl Acetate | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| Vinyl Chloride | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Xylenes | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| d4-1,2-Dichloroethane (surr) | | 103 | | % | 09/26/2001 | | 3603 | | bmh | SW 8260B |
| Dibromofluoromethane (surr) | | 100 | | % | 09/26/2001 | | 3603 | | bmh | SW 8260B |
| d8-Toluene (surr) | | 96 | | % | 09/26/2001 | | 3603 | | bmh | SW 8260B |
| Bromofluorobenzene (surr) | | 100 | | % | 09/26/2001 | | 3603 | | bmh | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|--------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 707735 | SBI002:MW24D:G091801:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 |
| ICPMS TOTAL METALS | Complete | | | | 09/28/2001 | | 2566 | Complete | ekh | SW 6020 |
| Arsenic, ICPMS | 0.0100 | mg/L | | | 09/28/2001 | 1847 | 3691 | <0.0050 | ekh | SW 6020 |
| Barium, ICPMS | 0.0723 | mg/L | | | 09/28/2001 | 1847 | 3899 | <0.0050 | ekh | SW 6020 |
| Cadmium, ICPMS | <0.0010 | mg/L | | | 09/28/2001 | 1847 | 3570 | <0.0010 | ekh | SW 6020 |
| Chromium, ICPMS (0.005) | <0.0050 | mg/L | | | 09/28/2001 | 1847 | 3970 | <0.0050 | ekh | SW 6020 |
| Lead, ICPMS | 0.110 | mg/L | | | 09/28/2001 | 1847 | 3648 | <0.0010 | ekh | SW 6020 |
| Mercury, CVAA | <0.0002 | mg/L | | | 09/25/2001 | 1414 | 1360 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | <0.0050 | mg/L | | | 09/27/2001 | 752 | 578 | <0.0050 | lnh | SW 7740 |
| Silver, ICPMS | <0.0005 | mg/L | | | 09/28/2001 | 1847 | 3905 | <0.0005 | ekh | SW 6020 |
| Metals Digestion, ICPMS | Complete | | | | 09/26/2001 | 1847 | | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | Complete | | | | 09/26/2001 | 752 | | Complete | clm | SW 3020A |
| Manual Mercury Digestion | Complete | | | | 09/24/2001 | 1414 | | Complete | epk | SW 7470A |
| Prep, Base Neutral | Complete | | | | 09/24/2001 | 1277 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, Acid Extractable | Complete | | | | 09/24/2001 | 1277 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, TPH DRO Aqueous | Complete | | | | 09/25/2001 | 125 | | Complete | mem | |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | Complete | | | | 09/26/2001 | | 3603 | Complete | bmh | |
| Acetone | <20.0 | ug/L | | | 09/26/2001 | | 3603 | <20.0 | bmh | SW 8260B |
| Benzene | <1.0 | ug/L | | | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| tert-Butylbenzene | <1.0 | ug/L | | | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| sec-Butylbenzene | <1.0 | ug/L | | | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| n-Butylbenzene | <1.0 | ug/L | | | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Bromochloromethane | <1.0 | ug/L | | | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Bromodichloromethane | <1.0 | ug/L | | | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Bromoform | <1.0 | ug/L | | | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 707735 | SBI002:MW24D:G091801:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 |
| | Bromobenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 2-Butanone (MEK) | <12.5 | | ug/L | 09/26/2001 | | 3603 | <12.5 | bmh | SW 8260B |
| | Carbon disulfide | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Carbon tetrachloride | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Chlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Chloroethane | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | 2-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 4-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Chloroform | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Chloromethane | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | Dibromochloromethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Dibromomethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707735 | SBI002:MW24D:G091801:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/26/2001 | | 3603 | <12.5 | bmh | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/26/2001 | | 3603 | <12.5 | bmh | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Tetrachloroethene | 8.8 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | 1,1,1-Trichloroethane | 3.2 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Trichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------------------------|--------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|-------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 707735 | SBI002:MW24D:G091801:505 | | | | | | | | | |
| | | | | | | | | | | DATE/TIME TAKEN 09/18/2001 |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B |
| Vinyl Acetate | | <5.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <5.0 | bmh | SW 8260B |
| Vinyl Chloride | | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B |
| Xylenes | | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B |
| d4-1,2-Dichloroethane (surr) | | 103 | | % | 09/26/2001 | 3603 | 3603 | | bmh | SW 8260B |
| Dibromofluoromethane (surr) | | 102 | | % | 09/26/2001 | 3603 | 3603 | | bmh | SW 8260B |
| d8-Toluene (surr) | | 96 | | % | 09/26/2001 | 3603 | 3603 | | bmh | SW 8260B |
| Bromofluorobenzene (surr) | | 101 | | % | 09/26/2001 | 3603 | 3603 | | bmh | SW 8260B |
| BASE NEUTRAL COMP. (AQ) | 8270 | | | | | | | | | |
| Acenaphthene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| Acenaphthylene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| Anthracene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| Benzo (a) anthracene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| Benzo (b) fluoranthene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| Benzo (k) fluoranthene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| Benzo (a) pyrene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| Benzyl alcohol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| Benzyl butyl phthalate | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| bis(2-Chloroethyl) ether | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| bis(2-Chloroethoxy) methane | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| bis(2-Ethylhexyl) phthalate | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 4-Bromophenyl phenyl ether | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 4-Chloroaniline | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 2-Chloronaphthalene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|---------------------------|--------|------|-------|------------|--------------|--------------|-----------|----------|-------------------------------|
| | | | | | Analyzed | Batch Number | Batch Number | Limit | Initials | |
| 707735 | SBI002:MW24D:G091801:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 |
| | Chrysene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Dibenzo (a, h) anthracene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Dibenzofuran | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 1,2-Dichlorobenzene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 1,3-Dichlorobenzene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 1,4-Dichlorobenzene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 3,3'-Dichlorobenzidine | <50 | | ug/L | 09/26/2001 | 1277 | 2705 | <50 | dmg | SW 8270C |
| | Diethyl phthalate | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Dimethyl phthalate | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 2,4-Dinitrotoluene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 2,6-Dinitrotoluene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Di-n-octylphthalate | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Fluoranthene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Fluorene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Hexachlorobenzene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Hexachloro-1,3-butadiene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Hexachlorocyclopentadiene | <20 | | ug/L | 09/26/2001 | 1277 | 2705 | <20 | dmg | SW 8270C |
| | Hexachloroethane | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Indeno (1,2,3-cd) pyrene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Isophorone | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Naphthalene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Nitrobenzene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | N-Nitrosodi-n-propylamine | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Phenanthrene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Pyrene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 1,2,4-Trichlorobenzene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------|-----------------------------|--------|------|-------|------------|-------|-------|-----------|---------|------------------|
| | | | | | Analyzed | Batch | Batch | | Limit | |
| 707735 | SBI002:MW24D:G091801:505 | | | | | | | | | |
| | | | | | 09/26/2001 | 1277 | 2705 | | dmg | SW 8270C |
| | Surrogate: d5-Nitrobenzene | 83 | | % | 09/26/2001 | 1277 | 2705 | | dmg | SW 8270C |
| | Surrogate: 2-Fluorobiphenyl | 88 | | % | 09/26/2001 | 1277 | 2705 | | dmg | SW 8270C |
| | Surrogate: d14-Terphenyl | 63 | | % | 09/26/2001 | 1277 | 2705 | | dmg | SW 8270C |
| ACID COMPOUNDS (AQ) 8270 | | | | | | | | | | |
| | Benzoic acid | <50 | | ug/L | 09/26/2001 | 1277 | 2705 | <50 | dmg | SW 8270C |
| | 4-Chloro-3-methylphenol | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 2-Chlorophenol | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 2,4-Dichlorophenol | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 2,4-Dimethylphenol | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 2-Methyl-4,6-dinitrophenol | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 2-Methylphenol | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | meta & para-Methylphenol | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 2-Nitrophenol | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Pentachlorophenol | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Phenol | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 2,4,5-Trichlorophenol | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 2,4,6-Trichlorophenol | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Surrogate: d6-Phenol | 82 | | % | 09/26/2001 | 1277 | 2705 | | dmg | SW 8270C |
| | Surrogate: 2-Fluorophenol | 82 | | % | 09/26/2001 | 1277 | 2705 | | dmg | SW 8270C |
| | Surrogate: Tribromophenol | 79 | | % | 09/26/2001 | 1277 | 2705 | | dmg | SW 8270C |
| | TPH - DRO AQUEOUS | <1 | | mg/L | 09/26/2001 | 125 | 213 | <1 | mcb | SW 8015M |
| | TPH - GRO (Aqueous) | <1 | | mg/L | 09/21/2001 | | 85 | <1 | mcb | SW 8015M |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|---------------------------|----------|------|-------|------------|--------------|--------------|-----------|----------|-------------------------------|
| | | | | | Analyzed | Batch Number | Batch Number | Limit | Initials | |
| 707736 | SBI002:HMW23D:G091801:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 |
| ICPMS TOTAL METALS | | | | | | | | | | |
| | Arsenic, ICPMS | Complete | | mg/L | 09/28/2001 | | 2566 | Complete | ekh | SW 6020 |
| | Barium, ICPMS | 0.0138 | | mg/L | 09/28/2001 | 1847 | 3691 | <0.0050 | ekh | SW 6020 |
| | Cadmium, ICPMS | 0.192 | | mg/L | 09/28/2001 | 1847 | 3899 | <0.0050 | ekh | SW 6020 |
| | Chromium, ICPMS (0.005) | <0.0010 | | mg/L | 09/28/2001 | 1847 | 3570 | <0.0010 | ekh | SW 6020 |
| | Lead, ICPMS | 0.0223 | | mg/L | 09/28/2001 | 1847 | 3970 | <0.0050 | ekh | SW 6020 |
| | Mercury, CVAA | 0.0601 | | mg/L | 09/28/2001 | 1847 | 3648 | <0.0010 | ekh | SW 6020 |
| | Selenium, GFAA | <0.0002 | | mg/L | 09/25/2001 | 1414 | 1360 | <0.0002 | epk | SW 7470A |
| | Silver, ICPMS | <0.0050 | | mg/L | 09/27/2001 | 752 | 578 | <0.0050 | lnh | SW 7740 |
| | Metals Digestion, ICPMS | <0.0005 | | mg/L | 09/28/2001 | 1847 | 3905 | <0.0005 | ekh | SW 6020 |
| | Metals Digestion, GFAA | Complete | | | 09/26/2001 | 1847 | | Complete | clm | SW 3010A |
| | Manual Mercury Digestion | Complete | | | 09/26/2001 | 752 | | Complete | clm | SW 3020A |
| | Prep, Base Neutral | Complete | | | 09/24/2001 | 1414 | | Complete | epk | SW 7470A |
| | Prep, Acid Extractable | Complete | | | 09/24/2001 | 1277 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| | Prep, TPH DRO Aqueous | Complete | | | 09/24/2001 | 1277 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| | | Complete | | | 09/25/2001 | 125 | | Complete | mem | |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| | 8260 - SW846 (AQ) | Complete | | | 09/26/2001 | | 3603 | Complete | bmh | |
| | Acetone | <20.0 | | ug/L | 09/26/2001 | | 3603 | <20.0 | bmh | SW 8260B |
| | Benzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | tert-Butylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | sec-Butylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | n-Butylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Bromochloromethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Bromodichloromethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Bromoform | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|------------|--------------|--------------|-----------|----------|-------------------------------|
| | | | | | Analyzed | Batch Number | Batch Number | Limit | Initials | |
| 707736 | SBI002:HMW23D:G091801:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/26/2001 | | 3603 | <12.5 | bmh | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/26/2001 | | 3603 | <12.5 | bmh | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Tetrachloroethene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Trichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|------------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707736 | SBI002:HMW23D:G091801:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Vinyl Acetate | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | Vinyl Chloride | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Xylenes | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | d4-1,2-Dichloroethane (surr) | 106 | | † | 09/26/2001 | | 3603 | | bmh | SW 8260B |
| | Dibromofluoromethane (surr) | 104 | | † | 09/26/2001 | | 3603 | | bmh | SW 8260B |
| | d8-Toluene (surr) | 95 | | † | 09/26/2001 | | 3603 | | bmh | SW 8260B |
| | Bromofluorobenzene (surr) | 100 | | † | 09/26/2001 | | 3603 | | bmh | SW 8260B |
| | BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | |
| | Acenaphthene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Acenaphthylene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Anthracene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Benzo(a)anthracene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Benzo(b)fluoranthene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Benzo(k)fluoranthene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Benzo(a)pyrene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Benzyl alcohol | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Benzyl butyl phthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | bis(2-Chloroethyl)ether | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | bis(2-Chloroethoxy)methane | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | bis(2-Ethylhexyl)phthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 2,2'-oxybis(1-Chloropropane) | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 4-Bromophenyl phenyl ether | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 4-Chloroaniline | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 2-Chloronaphthalene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|---------------------------|--------|------|-------|---------------|-------------------|------------------|-----------------|------------------|------------------|-----------------|
| | | | | | | | | | | | 09/18/2001 |
| 707736 | SBI002:HMW23D:G091801:505 | | | | | | | | | | |
| | Chrysene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | Dibenzo(a,h)anthracene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | Dibenzofuran | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | 1,2-Dichlorobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | 1,3-Dichlorobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | 1,4-Dichlorobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | 3,3'-Dichlorobenzidine | <50 | | ug/L | 09/27/2001 | 1277 | 2705 | <50 | dmg | SW 8270C | |
| | Diethyl phthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | Dimethyl phthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | 2,4-Dinitrotoluene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | 2,6-Dinitrotoluene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | Di-n-octylphthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | Fluoranthene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | Fluorene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | Hexachlorobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | Hexachloro-1,3-butadiene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | Hexachlorocyclopentadiene | <20 | | ug/L | 09/27/2001 | 1277 | 2705 | <20 | dmg | SW 8270C | |
| | Hexachloroethane | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | Indeno(1,2,3-cd)pyrene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | Isophorone | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | Naphthalene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | Nitrobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | N-Nitrosodi-n-propylamine | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | Phenanthrene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | Pyrene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | 1,2,4-Trichlorobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|-----------------------------|--------------------|--------|------|-------|---------------|-------------------|------------------|-----------------|------------------|------------------|-----------------|
| | | | | | | | | | | | 09/18/2001 |
| Surrogate: d5-Nitrobenzene | | 83 | | % | 09/27/2001 | 1277 | 2705 | | dmg | SW 8270C | |
| Surrogate: 2-Fluorobiphenyl | | 80 | | % | 09/27/2001 | 1277 | 2705 | | dmg | SW 8270C | |
| Surrogate: d14-Terphenyl | | 47 | | % | 09/27/2001 | 1277 | 2705 | | dmg | SW 8270C | |
| ACID COMPOUNDS (AQ) 8270 | | | | | | | | | | | |
| Benzoic acid | | <50 | | ug/L | 09/27/2001 | 1277 | 2705 | <50 | dmg | SW 8270C | |
| 4-Chloro-3-methylphenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| 2-Chlorophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| 2,4-Dichlorophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| 2,4-Dimethylphenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| 2-Methyl-4,6-dinitrophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| 2-Methylphenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| meta & para-Methylphenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| 2-Nitrophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| Pentachlorophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| Phenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| 2,4,5-Trichlorophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| 2,4,6-Trichlorophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| Surrogate: d6-Phenol | | 43 | | % | 09/27/2001 | 1277 | 2705 | | dmg | SW 8270C | |
| Surrogate: 2-Fluorophenol | | 80 | | % | 09/27/2001 | 1277 | 2705 | | dmg | SW 8270C | |
| Surrogate: Tribromophenol | | 76 | | % | 09/27/2001 | 1277 | 2705 | | dmg | SW 8270C | |
| TPH - DRO AQUEOUS | | <1 | | mg/L | 09/26/2001 | 125 | 213 | <1 | meb | SW 8015M | |
| TPH - GRO (Aqueous) | | <1 | | mg/L | 09/21/2001 | | 85 | <1 | meb | SW 8015M | |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|--------------------------------|------------------------|----------|------|-------|---------------|--------------|--------------|-----------------|------------------|-----------------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 707737 | SBI002:FB1:W091801:505 | | | | | | | | | | 09/18/2001 18:00 |
| ICPMS TOTAL METALS | | Complete | | | 09/28/2001 | | 2566 | Complete | ekh | SW 6020 | |
| Arsenic, ICPMS | | <0.0050 | | mg/L | 09/28/2001 | 1847 | 3691 | <0.0050 | ekh | SW 6020 | |
| Barium, ICPMS | | <0.0050 | | mg/L | 09/28/2001 | 1847 | 3899 | <0.0050 | ekh | SW 6020 | |
| Cadmium, ICPMS | | <0.0010 | | mg/L | 09/28/2001 | 1847 | 3570 | <0.0010 | ekh | SW 6020 | |
| Chromium, ICPMS (0.005) | | <0.0050 | | mg/L | 09/28/2001 | 1847 | 3970 | <0.0050 | ekh | SW 6020 | |
| Lead, ICPMS | | <0.0010 | | mg/L | 09/28/2001 | 1847 | 3648 | <0.0010 | ekh | SW 6020 | |
| Mercury, CVAA | | <0.0002 | | mg/L | 09/25/2001 | 1414 | 1360 | <0.0002 | epk | SW 7470A | |
| Selenium, GFAA | | <0.0050 | | mg/L | 09/27/2001 | 752 | 578 | <0.0050 | lnh | SW 7740 | |
| Silver, ICPMS | | <0.0005 | | mg/L | 09/28/2001 | 1847 | 3905 | <0.0005 | ekh | SW 6020 | |
| Metals Digestion, ICPMS | | Complete | | | 09/26/2001 | 1847 | | Complete | clm | SW 3010A | |
| Metals Digestion, GFAA | | Complete | | | 09/26/2001 | 752 | | Complete | clm | SW 3020A | |
| Manual Mercury Digestion | | Complete | | | 09/24/2001 | 1414 | | Complete | epk | SW 7470A | |
| Prep, Base Neutral | | Complete | | | 09/24/2001 | 1277 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 | |
| Prep, Acid Extractable | | Complete | | | 09/24/2001 | 1277 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 | |
| Prep, TPH - 418.1 aq | | Complete | | | 09/26/2001 | 602 | | Complete | 260 | EPA 418.1 | |
| Prep, TPH DRO Aqueous | | Complete | | | 09/25/2001 | 125 | | Complete | mem | | |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | | |
| 8260 - SW846 (AQ) | | Complete | | | 09/26/2001 | | 3603 | Complete | bmh | | |
| Acetone | | <20.0 | | ug/L | 09/26/2001 | | 3603 | <20.0 | bmh | SW 8260B | |
| Benzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| tert-Butylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| sec-Butylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| n-Butylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| Bromochloromethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| Bromodichloromethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707737 | SBI002:FB1:W091801:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 18:00 |
| | Bromoform | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Bromobenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 2-Butanone (MEK) | <12.5 | | ug/L | 09/26/2001 | | 3603 | <12.5 | bmh | SW 8260B |
| | Carbon disulfide | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Carbon tetrachloride | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Chlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Chloroethane | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | 2-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 4-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Chloroform | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Chloromethane | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | Dibromochloromethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Dibromomethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 707737 | SBI002:FB1:W091801:505 | | | | | | | | | | 09/18/2001 18:00 |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | Ethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B | |
| | n-Hexane | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B | |
| | 2-Hexanone | <12.5 | | ug/L | 09/26/2001 | | 3603 | <12.5 | bmh | SW 8260B | |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | Bromomethane | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B | |
| | Methylene Chloride | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B | |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B | |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/26/2001 | | 3603 | <12.5 | bmh | SW 8260B | |
| | n-Propylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | Styrene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | Naphthalene | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B | |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | Tetrachloroethene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | Toluene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B | |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | Trichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------------------------|------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 707737 | SBI002:FB1:W091801:505 | | | | | | | | | | 09/18/2001 18:00 |
| 1,2,4-Trimethylbenzene | | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B | |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B | |
| Vinyl Acetate | | <5.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <5.0 | bmh | SW 8260B | |
| Vinyl Chloride | | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B | |
| Xylenes | | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B | |
| d4-1,2-Dichloroethane (surr) | | 101 | | % | 09/26/2001 | 3603 | 3603 | | bmh | SW 8260B | |
| Dibromofluoromethane (surr) | | 101 | | % | 09/26/2001 | 3603 | 3603 | | bmh | SW 8260B | |
| d8-Toluene (surr) | | 98 | | % | 09/26/2001 | 3603 | 3603 | | bmh | SW 8260B | |
| Bromofluorobenzene (surr) | | 104 | | % | 09/26/2001 | 3603 | 3603 | | bmh | SW 8260B | |
| BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | | | |
| Acenaphthene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| Acenaphthylene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| Anthracene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| Benzo(a)anthracene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| Benzo(b)fluoranthene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| Benzo(k)fluoranthene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| Benzo(a)pyrene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| Benzyl alcohol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| Benzyl butyl phthalate | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| bis(2-Chloroethyl)ether | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| bis(2-Chloroethoxy)methane | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| bis(2-Ethylhexyl)phthalate | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| 2,2'-oxybis(1-Chloropropane) | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| 4-Bromophenyl phenyl ether | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| 4-Chloroaniline | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|---------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 707737 | SBI002:FB1:W091801:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 18:00 |
| | 2-Chloronaphthalene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Chrysene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Dibenzo(a,h)anthracene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Dibenzofuran | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 1,2-Dichlorobenzene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 1,3-Dichlorobenzene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 1,4-Dichlorobenzene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 3,3'-Dichlorobenzidine | <50 | | ug/L | 09/26/2001 | 1277 | 2705 | <50 | dmg | SW 8270C |
| | Diethyl phthalate | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Dimethyl phthalate | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 2,4-Dinitrotoluene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 2,6-Dinitrotoluene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Di-n-octylphthalate | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Fluoranthene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Fluorene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Hexachlorobenzene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Hexachloro-1,3-butadiene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Hexachlorocyclopentadiene | <20 | | ug/L | 09/26/2001 | 1277 | 2705 | <20 | dmg | SW 8270C |
| | Hexachloroethane | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Indeno(1,2,3-cd)pyrene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Isophorone | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Naphthalene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Nitrobenzene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | N-Nitrosodi-n-propylamine | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Phenanthrene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Pyrene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | | Initials | |
| | | | | | | | | Limit | | |
| 707737 | SBI002:FB1:W091801:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 18:00 |
| 1,2,4-Trichlorobenzene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| Surrogate: d5-Nitrobenzene | | 86 | | % | 09/26/2001 | 1277 | 2705 | | dmg | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 88 | | % | 09/26/2001 | 1277 | 2705 | | dmg | SW 8270C |
| Surrogate: d14-Terphenyl | | 80 | | % | 09/26/2001 | 1277 | 2705 | | dmg | SW 8270C |
| ACID COMPOUNDS (AQ) 8270 | | | | | | | | | | |
| Benzoic acid | | <50 | | ug/L | 09/26/2001 | 1277 | 2705 | <50 | dmg | SW 8270C |
| 4-Chloro-3-methylphenol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 2-Chlorophenol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 2,4-Dichlorophenol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 2,4-Dimethylphenol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 2-Methylphenol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| meta & para-Methylphenol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 2-Nitrophenol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| Pentachlorophenol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| Phenol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 2,4,5-Trichlorophenol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 2,4,6-Trichlorophenol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| Surrogate: d6-Phenol | | 82 | | % | 09/26/2001 | 1277 | 2705 | | dmg | SW 8270C |
| Surrogate: 2-Fluorophenol | | 85 | | % | 09/26/2001 | 1277 | 2705 | | dmg | SW 8270C |
| Surrogate: Tribromophenol | | 74 | | % | 09/26/2001 | 1277 | 2705 | | dmg | SW 8270C |
| TPH - DRO AQUEOUS | | <1 | | mg/L | 09/26/2001 | 125 | 213 | <1 | meb | SW 8015M |
| TPH - GRO (Aqueous) | | <1 | | mg/L | 09/21/2001 | | 85 | <1 | meb | SW 8015M |
| TPH - Method 418.1 (AQ) | | <0.2 | | mg/L | 09/27/2001 | 602 | 723 | <0.2 | 260 | EPA 418.1 |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | DATE/TIME TAKEN | Prep | | Run | | Reporting Analyst | Initials | Method Reference |
|------------|---------------------------|------------------|---------------|--------------|--------------|-------|-------------------|----------|------------------|
| | | | Date Analyzed | Batch Number | Batch Number | Limit | | | |
| 707738 | SBI002:HMW10S:G091801:505 | 09/18/2001 11:40 | | | | | | | |

| Prep | TPH DRO Aqueous | Complete | 09/25/2001 | 125 | Complete | mlr |
|--------------------------------|-----------------|----------|------------|------|----------|--------------|
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | |
| 8260 - SW846 (AQ) | | Complete | 09/26/2001 | 3603 | Complete | bmh |
| Acetone | <20.0 | ug/L | 09/26/2001 | 3603 | <20.0 | bmh SW 8260B |
| Benzene | <1.0 | ug/L | 09/26/2001 | 3603 | <1.0 | bmh SW 8260B |
| tert-Butylbenzene | <1.0 | ug/L | 09/26/2001 | 3603 | <1.0 | bmh SW 8260B |
| sec-Butylbenzene | 4.0 | ug/L | 09/26/2001 | 3603 | <1.0 | bmh SW 8260B |
| n-Butylbenzene | <1.0 | ug/L | 09/26/2001 | 3603 | <1.0 | bmh SW 8260B |
| Bromochloromethane | <1.0 | ug/L | 09/26/2001 | 3603 | <1.0 | bmh SW 8260B |
| Bromodichloromethane | <1.0 | ug/L | 09/26/2001 | 3603 | <1.0 | bmh SW 8260B |
| Bromoform | <1.0 | ug/L | 09/26/2001 | 3603 | <1.0 | bmh SW 8260B |
| Bromobenzene | <1.0 | ug/L | 09/26/2001 | 3603 | <1.0 | bmh SW 8260B |
| 2-Butanone (MEK) | <12.5 | ug/L | 09/26/2001 | 3603 | <12.5 | bmh SW 8260B |
| Carbon disulfide | <1.0 | ug/L | 09/26/2001 | 3603 | <1.0 | bmh SW 8260B |
| Carbon tetrachloride | <1.0 | ug/L | 09/26/2001 | 3603 | <1.0 | bmh SW 8260B |
| Chlorobenzene | <1.0 | ug/L | 09/26/2001 | 3603 | <1.0 | bmh SW 8260B |
| Chloroethane | <5.0 | ug/L | 09/26/2001 | 3603 | <5.0 | bmh SW 8260B |
| 2-Chlorotoluene | <1.0 | ug/L | 09/26/2001 | 3603 | <1.0 | bmh SW 8260B |
| 4-Chlorotoluene | <1.0 | ug/L | 09/26/2001 | 3603 | <1.0 | bmh SW 8260B |
| Chloroform | <1.0 | ug/L | 09/26/2001 | 3603 | <1.0 | bmh SW 8260B |
| Chloromethane | <5.0 | ug/L | 09/26/2001 | 3603 | <5.0 | bmh SW 8260B |
| Dibromochloromethane | <1.0 | ug/L | 09/26/2001 | 3603 | <1.0 | bmh SW 8260B |
| Dibromomethane | <1.0 | ug/L | 09/26/2001 | 3603 | <1.0 | bmh SW 8260B |
| Dichlorodifluoromethane | <1.0 | ug/L | 09/26/2001 | 3603 | <1.0 | bmh SW 8260B |
| 1,2-Dibromo-3-chloropropane | <5.0 | ug/L | 09/26/2001 | 3603 | <5.0 | bmh SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 707738 | SBI002:HMW10S:G091801:505 | | | | | | | | | | 09/18/2001 11:40 |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | cis-1,2-Dichloroethene | 4.2 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | Ethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B | |
| | n-Hexane | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B | |
| | 2-Hexanone | <12.5 | | ug/L | 09/26/2001 | | 3603 | <12.5 | bmh | SW 8260B | |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | Bromomethane | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B | |
| | Methylene Chloride | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B | |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B | |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/26/2001 | | 3603 | <12.5 | bmh | SW 8260B | |
| | n-Propylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | Styrene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|------------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707738 | SBI002:HMW10S:G091801:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 11:40 |
| | Naphthalene | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Tetrachloroethene | 31.2 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Trichloroethene | 47.8 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Vinyl Acetate | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | Vinyl Chloride | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Xylenes | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | d4-1,2-Dichloroethane (surr) | 103 | | % | 09/26/2001 | | 3603 | | bmh | SW 8260B |
| | Dibromofluoromethane (surr) | 100 | | % | 09/26/2001 | | 3603 | | bmh | SW 8260B |
| | d8-Toluene (surr) | 97 | | % | 09/26/2001 | | 3603 | | bmh | SW 8260B |
| | Bromofluorobenzene (surr) | 101 | | % | 09/26/2001 | | 3603 | | bmh | SW 8260B |
| | TPH - DRO AQUEOUS | 2.2 | | mg/L | 09/27/2001 | 125 | 215 | <1 | meb | SW 8015M |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|--------------------------------|---------------------------|----------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707739 | SBI002:HMW16D:G091801:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 06:15 |
| Prep, Base Neutral | | Complete | | | 09/24/2001 | 1277 | | Complete | rec | EPA 625 ; SW 3510C ; 52 |
| Prep, Acid Extractable | | Complete | | | 09/24/2001 | 1277 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, TPH - 418.1 aq | | Complete | | | 09/26/2001 | 602 | | Complete | 260 | EPA 418.1 |
| Prep, TPH DRO Aqueous | | Complete | | | 09/25/2001 | 125 | | Complete | mem | |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | | Complete | | | 09/26/2001 | | 3603 | Complete | bmh | |
| Acetone | <20.0 | | | ug/L | 09/26/2001 | | 3603 | <20.0 | bmh | SW 8260B |
| Benzene | <1.0 | | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| tert-Butylbenzene | <1.0 | | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| sec-Butylbenzene | <1.0 | | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| n-Butylbenzene | <1.0 | | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Bromochloromethane | <1.0 | | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Bromodichloromethane | <1.0 | | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Bromoform | <1.0 | | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Bromobenzene | <1.0 | | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 2-Butanone (MEK) | <12.5 | | | ug/L | 09/26/2001 | | 3603 | <12.5 | bmh | SW 8260B |
| Carbon disulfide | <1.0 | | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Carbon tetrachloride | <1.0 | | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Chlorobenzene | <1.0 | | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Chloroethane | <5.0 | | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| 2-Chlorotoluene | <1.0 | | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 4-Chlorotoluene | <1.0 | | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Chloroform | <1.0 | | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Chloromethane | <5.0 | | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| Dibromochloromethane | <1.0 | | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707739 | SBI002:HMW16D:G091801:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 06:15 |
| | Dibromomethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,1-Dichloroethane | 1.2 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | cis-1,2-Dichloroethene | 2.8 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/26/2001 | | 3603 | <12.5 | bmh | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------------------------|---------------------------|--------|------|-------|------------|-------|-------|-----------|----------|------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| | | | | | | | | | | DATE/TIME TAKEN |
| 707739 | SBI002:HMW16D:G091801:505 | | | | | | | | | 09/18/2001 06:15 |
| 4-Methyl-2-pentanone (MIBK) | | <12.5 | | ug/L | 09/26/2001 | | 3603 | <12.5 | bmh | SW 8260B |
| n-Propylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Styrene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Naphthalene | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| 1,1,1,2-Tetrachloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,1,2,2-Tetrachloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Tetrachloroethene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Toluene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,2,4-Trichlorobenzene | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| 1,1,1-Trichloroethane | | 1.2 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,1,2-Trichloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Trichloroethene | | 2.3 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Trichlorofluoromethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,2,3-Trichloropropane | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| 1,2,4-Trimethylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Vinyl Acetate | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| Vinyl Chloride | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Xylenes | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| d4-1,2-Dichloroethane (surr) | | 104 | | % | 09/26/2001 | | 3603 | | bmh | SW 8260B |
| Dibromofluoromethane (surr) | | 101 | | % | 09/26/2001 | | 3603 | | bmh | SW 8260B |
| d8-Toluene (surr) | | 97 | | % | 09/26/2001 | | 3603 | | bmh | SW 8260B |
| Bromofluorobenzene (surr) | | 103 | | % | 09/26/2001 | | 3603 | | bmh | SW 8260B |
| BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | | |
| Acenaphthene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method | Reference |
|------------------------------|---------------------------|--------|------|-------|------------|-------|-------|-----------|---------|--------|------------------|
| | | | | | Analyzed | Batch | Batch | | Limit | | |
| 707739 | SBI002:HMW16D:G091801:505 | | | | | | | | | | |
| | | | | | | | | | | | DATE/TIME TAKEN |
| | | | | | | | | | | | 09/18/2001 06:15 |
| Acenaphthylene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| Anthracene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| Benzo(a)anthracene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| Benzo(b)fluoranthene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| Benzo(k)fluoranthene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| Benzo(a)pyrene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| Benzyl alcohol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| Benzyl butyl phthalate | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| bis(2-Chloroethyl) ether | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| bis(2-Chloroethoxy)methane | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| bis(2-Ethylhexyl)phthalate | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| 4-Bromophenyl phenyl ether | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| 4-Chloroaniline | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| 2-Chloronaphthalene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| Chrysene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| Dibenzo(a,h)anthracene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| Dibenzofuran | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| 1,2-Dichlorobenzene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| 1,3-Dichlorobenzene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| 1,4-Dichlorobenzene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| 3,3'-Dichlorobenzidine | | <50 | | ug/L | 09/26/2001 | 1277 | 2705 | <50 | dmg | SW | 8270C |
| Diethyl phthalate | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| Dimethyl phthalate | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| 2,4-Dinitrotoluene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| 2,6-Dinitrotoluene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 707739 | SBI002:HMW16D:G091801:505 | | | | | | | | | | 09/18/2001 06:15 |
| | Di-n-octylphthalate | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | Fluoranthene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | Fluorene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | Hexachlorobenzene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | Hexachloro-1,3-butadiene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | Hexachlorocyclopentadiene | <20 | | ug/L | 09/26/2001 | 1277 | 2705 | <20 | dmg | SW 8270C | |
| | Hexachloroethane | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | Indeno(1,2,3-cd)pyrene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | Isophorone | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | Naphthalene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | Nitrobenzene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | N-Nitrosodi-n-propylamine | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | Phenanthrene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | Pyrene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | 1,2,4-Trichlorobenzene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | Surrogate: d5-Nitrobenzene | 81 | | % | 09/26/2001 | 1277 | 2705 | | dmg | SW 8270C | |
| | Surrogate: 2-Fluorobiphenyl | 85 | | % | 09/26/2001 | 1277 | 2705 | | dmg | SW 8270C | |
| | Surrogate: d14-Terphenyl | 51 | | % | 09/26/2001 | 1277 | 2705 | | dmg | SW 8270C | |
| | ACID COMPOUNDS (AQ) 8270 | | | | | | | | | | |
| | Benzoic acid | <50 | | ug/L | 09/26/2001 | 1277 | 2705 | <50 | dmg | SW 8270C | |
| | 4-Chloro-3-methylphenol | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | 2-Chlorophenol | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | 2,4-Dichlorophenol | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | 2,4-Dimethylphenol | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | 2-Methyl-4,6-dinitrophenol | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|---------------------------|--------|------|-------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | |
| 707739 | SBI002:HMW16D:G091801:505 | | | | | | | | | | 09/18/2001 06:15 |
| | 2-Methylphenol | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | meta & para-Methylphenol | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | 2-Nitrophenol | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | Pentachlorophenol | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | Phenol | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | 2,4,5-Trichlorophenol | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | 2,4,6-Trichlorophenol | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| | Surrogate: d6-Phenol | 71 | | % | 09/26/2001 | 1277 | 2705 | | dmg | SW 8270C | |
| | Surrogate: 2-Fluorophenol | 80 | | % | 09/26/2001 | 1277 | 2705 | | dmg | SW 8270C | |
| | Surrogate: Tribromophenol | 63 | | % | 09/26/2001 | 1277 | 2705 | | dmg | SW 8270C | |
| | TPH - DRO AQUEOUS | <1 | | mg/L | 09/26/2001 | 125 | 213 | <1 | meb | SW 8015M | |
| | TPH - Method 418.1 (AQ) | <0.2 | | mg/L | 09/27/2001 | 602 | 723 | <0.2 | 260 | EPA 418.1 | |

SAMPLE NO. 707740 **SAMPLE DESCRIPTION** SBI002:MW11S:G091801:505 **DATE/TIME TAKEN** 09/18/2001 06:20

| | | | | | | |
|--------------------------------|----------|------------|------|----------|----------|-----------------------------|
| Prep, Base Neutral | Complete | 09/24/2001 | 1277 | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, Acid Extractable | Complete | 09/24/2001 | 1277 | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, TPH - 418.1 aq | Complete | 09/26/2001 | 602 | Complete | 260 | EPA 418.1 |
| Prep, TPH DRO Aqueous | Complete | 09/25/2001 | 125 | Complete | mem | |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | |
| 8260 - SW846 (AQ) | Complete | 09/26/2001 | | 3603 | Complete | bmh |

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|--------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707740 | SBI002:MW11S:G091801:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 06:20 |
| Acetone | | <20.0 | | ug/L | 09/26/2001 | | 3603 | <20.0 | bmh | SW 8260B |
| Benzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| tert-Butylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| sec-Butylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| n-Butylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Bromochloromethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Bromodichloromethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Bromoform | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Bromobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 2-Butanone (MEK) | | <12.5 | | ug/L | 09/26/2001 | | 3603 | <12.5 | bmh | SW 8260B |
| Carbon disulfide | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Carbon tetrachloride | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Chlorobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Chloroethane | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| 2-Chlorotoluene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 4-Chlorotoluene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Chloroform | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Chloromethane | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| Dibromochloromethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Dibromomethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Dichlorodifluoromethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,2-Dibromo-3-chloropropane | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| 1,2-Dichlorobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,3-Dichlorobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,4-Dichlorobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,1-Dichloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707740 | SBI002:MW11S:G091801:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 06:20 |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | cis-1,2-Dichloroethene | 1.1 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/26/2001 | | 3603 | <12.5 | bmh | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/26/2001 | | 3603 | <12.5 | bmh | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Tetrachloroethene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|------------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707740 | SBI002:MW11S:G091801:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 06:20 |
| | Toluene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | 1,1,1-Trichloroethane | 1.8 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Trichloroethene | 1.1 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Vinyl Acetate | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | Vinyl Chloride | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Xylenes | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | d4-1,2-Dichloroethane (surr) | 103 | | % | 09/26/2001 | | 3603 | | bmh | SW 8260B |
| | Dibromofluoromethane (surr) | 101 | | % | 09/26/2001 | | 3603 | | bmh | SW 8260B |
| | d8-Toluene (surr) | 97 | | % | 09/26/2001 | | 3603 | | bmh | SW 8260B |
| | Bromofluorobenzene (surr) | 101 | | % | 09/26/2001 | | 3603 | | bmh | SW 8260B |
| | BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | |
| | Acenaphthene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Acenaphthylene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Anthracene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Benzo (a) anthracene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Benzo (b) fluoranthene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Benzo (k) fluoranthene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Benzo (a) pyrene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Benzy alcohol | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|------------------------------|--------|------|-------|------------|--------------|--------------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch Number | Batch Number | Limit | Initials | |
| 707740 | SBI002:MW11S:G091801:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 06:20 |
| | Benzyl butyl phthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | bis(2-Chloroethyl) ether | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | bis(2-Chloroethoxy) methane | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | bis(2-Ethylhexyl) phthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 2,2'-oxybis(1-Chloropropane) | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 4-Bromophenyl phenyl ether | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 4-Chloroaniline | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 2-Chloronaphthalene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Chrysené | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Dibenzo(a,h)anthracene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Dibenzofuran | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 1,2-Dichlorobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 1,3-Dichlorobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 1,4-Dichlorobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 3,3'-Dichlorobenzidine | <50 | | ug/L | 09/27/2001 | 1277 | 2705 | <50 | dmg | SW 8270C |
| | Diethyl phthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Dimethyl phthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 2,4-Dinitrotoluene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 2,6-Dinitrotoluene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Di-n-octylphthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Fluoranthene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Fluorene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Hexachlorobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Hexachloro-1,3-butadiene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Hexachlorocyclopentadiene | <20 | | ug/L | 09/27/2001 | 1277 | 2705 | <20 | dmg | SW 8270C |
| | Hexachloroethane | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707740 | SBI002:MW11S:G091801:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 06:20 |
| | Indeno(1,2,3-cd)pyrene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Isophorone | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Naphthalene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Nitrobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | N-Nitrosodi-n-propylamine | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Phenanthrene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Pyrene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 1,2,4-Trichlorobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Surrogate: d5-Nitrobenzene | 86 | | % | 09/27/2001 | 1277 | 2705 | | dmg | SW 8270C |
| | Surrogate: 2-Fluorobiphenyl | 87 | | % | 09/27/2001 | 1277 | 2705 | | dmg | SW 8270C |
| | Surrogate: d14-Terphenyl | 65 | | % | 09/27/2001 | 1277 | 2705 | | dmg | SW 8270C |
| | ACID COMPOUNDS (AQ) 8270 | | | | | | | | | |
| | Benzoic acid | <50 | | ug/L | 09/27/2001 | 1277 | 2705 | <50 | dmg | SW 8270C |
| | 4-Chloro-3-methylphenol | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 2-Chlorophenol | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 2,4-Dichlorophenol | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 2,4-Dimethylphenol | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 2-Methyl-4,6-dinitrophenol | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 2-Methylphenol | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | meta & para-Methylphenol | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 2-Nitrophenol | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Pentachlorophenol | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Phenol | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 2,4,5-Trichlorophenol | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 2,4,6-Trichlorophenol | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|---------------------------|--------|------|-------|------------|--------------|--------------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch Number | Batch Number | Limit | Initials | |
| 707740 | SBI002:MW11S:G091801:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 06:20 |
| | Surrogate: d6-Phenol | 76 | | % | 09/27/2001 | 1277 | 2705 | | dmg | SW 8270C |
| | Surrogate: 2-Fluorophenol | 82 | | % | 09/27/2001 | 1277 | 2705 | | dmg | SW 8270C |
| | Surrogate: Tribromophenol | 68 | | % | 09/27/2001 | 1277 | 2705 | | dmg | SW 8270C |
| | TPH - DRO AQUEOUS | <1 | | mg/L | 09/26/2001 | 125 | 213 | <1 | meh | SW 8015M |
| | TPH - Method 418.1 (AQ) | <0.2 | | mg/L | 09/27/2001 | 602 | 723 | <0.2 | 260 | EPA 418.1 |

| SAMPLE NO. | SAMPLE DESCRIPTION | DATE/TIME TAKEN | | | | | | | | |
|------------|--------------------------|------------------|--|--|--|--|--|--|--|--|
| 707741 | SBI002:MW11D:G091801:505 | 09/18/2001 06:25 | | | | | | | | |

| | | | | | | |
|------------------------|----------|------------|------|----------|-----|-----------------------------|
| Prep, Base Neutral | Complete | 09/24/2001 | 1277 | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, Acid Extractable | Complete | 09/24/2001 | 1277 | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, TPH - 418.1 aq | Complete | 09/26/2001 | 602 | Complete | 260 | EPA 418.1 |
| Prep, TPH DRO Aqueous | Complete | 09/25/2001 | 125 | Complete | mem | |

| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
|--------------------------------|----------|------------|------------|------|----------|-----|----------|--|--|--|
| 8260 - SW846 (AQ) | Complete | 09/26/2001 | | 3603 | Complete | bmh | | | | |
| Acetone | <20.0 | ug/L | 09/26/2001 | 3603 | <20.0 | bmh | SW 8260B | | | |
| Benzene | <1.0 | ug/L | 09/26/2001 | 3603 | <1.0 | bmh | SW 8260B | | | |
| tert-Butylbenzene | <1.0 | ug/L | 09/26/2001 | 3603 | <1.0 | bmh | SW 8260B | | | |
| sec-Butylbenzene | <1.0 | ug/L | 09/26/2001 | 3603 | <1.0 | bmh | SW 8260B | | | |
| n-Butylbenzene | <1.0 | ug/L | 09/26/2001 | 3603 | <1.0 | bmh | SW 8260B | | | |
| Bromochloromethane | <1.0 | ug/L | 09/26/2001 | 3603 | <1.0 | bmh | SW 8260B | | | |
| Bromodichloromethane | <1.0 | ug/L | 09/26/2001 | 3603 | <1.0 | bmh | SW 8260B | | | |

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 707741 | SBI002:MW11D:G091801:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 06:25 |
| | Bromoform | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Bromobenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 2-Butanone (MEK) | <12.5 | | ug/L | 09/26/2001 | | 3603 | <12.5 | bmh | SW 8260B |
| | Carbon disulfide | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Carbon tetrachloride | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Chlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Chloroethane | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | 2-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 4-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Chloroform | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Chloromethane | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | Dibromochloromethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Dibromomethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | cis-1,2-Dichloroethene | 1.2 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|------------|--------------|--------------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch Number | Batch Number | Limit | Initials | |
| 707741 | SBI002:MW11D:G091801:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 06:25 |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/26/2001 | | 3603 | <12.5 | bmh | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/26/2001 | | 3603 | <12.5 | bmh | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Tetrachloroethene | 1.7 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | 1,1,1-Trichloroethane | 1.4 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Trichloroethene | 1.1 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------------------------|--------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 707741 | SBI002:MW11D:G091801:505 | | | | | | | | | | 09/18/2001 06:25 |
| 1,2,4-Trimethylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| Vinyl Acetate | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B | |
| Vinyl Chloride | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| Xylenes | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| d4-1,2-Dichloroethane (surr) | | 105 | | † | 09/26/2001 | | 3603 | | bmh | SW 8260B | |
| Dibromofluoromethane (surr) | | 102 | | † | 09/26/2001 | | 3603 | | bmh | SW 8260B | |
| d8-Toluene (surr) | | 96 | | † | 09/26/2001 | | 3603 | | bmh | SW 8260B | |
| Bromofluorobenzene (surr) | | 100 | | † | 09/26/2001 | | 3603 | | bmh | SW 8260B | |
| BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | | | |
| Acenaphthene | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| Acenaphthylene | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| Anthracene | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| Benzo (a) anthracene | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| Benzo (b) fluoranthene | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| Benzo (k) fluoranthene | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| Benzo (a) pyrene | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| Benzyl alcohol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| Benzyl butyl phthalate | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| bis(2-Chloroethyl) ether | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| bis(2-Chloroethoxy) methane | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| bis(2-Ethylhexyl) phthalate | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| 2,2'-oxybis(1-Chloropropane) | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| 4-Bromophenyl phenyl ether | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| 4-Chloroaniline | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|---------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707741 | SBI002:MW11D:G091801:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 06:25 |
| | 2-Chloronaphthalene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Chrysene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Dibenzo(a,h)anthracene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Dibenzofuran | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 1,2-Dichlorobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 1,3-Dichlorobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 1,4-Dichlorobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 3,3'-Dichlorobenzidine | <50 | | ug/L | 09/27/2001 | 1277 | 2705 | <50 | dmg | SW 8270C |
| | Diethyl phthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Dimethyl phthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 2,4-Dinitrotoluene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 2,6-Dinitrotoluene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Di-n-octylphthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Fluoranthene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Fluorene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Hexachlorobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Hexachloro-1,3-butadiene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Hexachlorocyclopentadiene | <20 | | ug/L | 09/27/2001 | 1277 | 2705 | <20 | dmg | SW 8270C |
| | Hexachloroethane | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Indeno(1,2,3-cd)pyrene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Isophorone | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Naphthalene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Nitrobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | N-Nitrosodi-n-propylamine | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Phenanthrene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Pyrene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|--------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707741 | SBI002:MW11D:G091801:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 06:25 |
| 1,2,4-Trichlorobenzene | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| Surrogate: d5-Nitrobenzene | | 88 | | % | 09/27/2001 | 1277 | 2705 | | dmg | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 87 | | % | 09/27/2001 | 1277 | 2705 | | dmg | SW 8270C |
| Surrogate: d14-Terphenyl | | 71 | | % | 09/27/2001 | 1277 | 2705 | | dmg | SW 8270C |
| ACID COMPOUNDS (AQ) 8270 | | | | | | | | | | |
| Benzoic acid | | <50 | | ug/L | 09/27/2001 | 1277 | 2705 | <50 | dmg | SW 8270C |
| 4-Chloro-3-methylphenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 2-Chlorophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 2,4-Dichlorophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 2,4-Dimethylphenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 2-Methylphenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| meta & para-Methylphenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 2-Nitrophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| Pentachlorophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| Phenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 2,4,5-Trichlorophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 2,4,6-Trichlorophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| Surrogate: d6-Phenol | | 76 | | % | 09/27/2001 | 1277 | 2705 | | dmg | SW 8270C |
| Surrogate: 2-Fluorophenol | | 87 | | % | 09/27/2001 | 1277 | 2705 | | dmg | SW 8270C |
| Surrogate: Tribromophenol | | 82 | | % | 09/27/2001 | 1277 | 2705 | | dmg | SW 8270C |
| TPH - DRO AQUEOUS | | <1 | | mg/L | 09/26/2001 | 125 | 213 | <1 | meb | SW 8015M |
| TPH - Method 418.1 (AQ) | | <0.2 | | mg/L | 09/27/2001 | 602 | 723 | <0.2 | 260 | EPA 418.1 |

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|--------------------------------|---------------------------|----------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707742 | SBI002:HMW19D:G091801:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 06:30 |
| ICPMS TOTAL METALS | | | | | | | | | | |
| | | Complete | | | 09/28/2001 | | 2566 | Complete | ekh | SW 6020 |
| | Arsenic, ICPMS | <0.0050 | | mg/L | 09/28/2001 | 1847 | 3691 | <0.0050 | ekh | SW 6020 |
| | Barium, ICPMS | 0.0561 | | mg/L | 09/28/2001 | 1847 | 3899 | <0.0050 | ekh | SW 6020 |
| | Cadmium, ICPMS | <0.0010 | | mg/L | 09/28/2001 | 1847 | 3570 | <0.0010 | ekh | SW 6020 |
| | Chromium, ICPMS (0.005) | <0.0050 | | mg/L | 09/28/2001 | 1847 | 3970 | <0.0050 | ekh | SW 6020 |
| | Lead, ICPMS | 0.0014 | | mg/L | 09/28/2001 | 1847 | 3648 | <0.0010 | ekh | SW 6020 |
| | Mercury, CVAA | <0.0002 | | mg/L | 09/25/2001 | 1414 | 1360 | <0.0002 | epk | SW 7470A |
| | Selenium, GFAA | <0.0050 | | mg/L | 09/27/2001 | 752 | 578 | <0.0050 | lnh | SW 7740 |
| | Silver, ICPMS | <0.0005 | | mg/L | 09/28/2001 | 1847 | 3905 | <0.0005 | ekh | SW 6020 |
| | Metals Digestion, ICPMS | Complete | | | 09/26/2001 | 1847 | | Complete | clm | SW 3010A |
| | Metals Digestion, GFAA | Complete | | | 09/26/2001 | 752 | | Complete | clm | SW 3020A |
| | Manual Mercury Digestion | Complete | | | 09/24/2001 | 1414 | | Complete | epk | SW 7470A |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| | 8260 - SW846 (AQ) | Complete | | | 09/27/2001 | | 3607 | Complete | bmh | |
| | Acetone | <20.0 | | ug/L | 09/27/2001 | | 3607 | <20.0 | bmh | SW 8260B |
| | Benzene | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B |
| | tert-Butylbenzene | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B |
| | sec-Butylbenzene | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B |
| | n-Butylbenzene | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B |
| | Bromochloromethane | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B |
| | Bromodichloromethane | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B |
| | Bromoform | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B |
| | Bromobenzene | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B |
| | 2-Butanone (MEK) | <12.5 | | ug/L | 09/27/2001 | | 3607 | <12.5 | bmh | SW 8260B |
| | Carbon disulfide | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B |

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707742 | SBI002:HMW19D:G091801:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 06:30 |
| | Carbon tetrachloride | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B |
| | Chlorobenzene | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B |
| | Chloroethane | <5.0 | | ug/L | 09/27/2001 | | 3607 | <5.0 | bmh | SW 8260B |
| | 2-Chlorotoluene | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B |
| | 4-Chlorotoluene | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B |
| | Chloroform | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B |
| | Chloromethane | <5.0 | | ug/L | 09/27/2001 | | 3607 | <5.0 | bmh | SW 8260B |
| | Dibromochloromethane | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B |
| | Dibromomethane | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/27/2001 | | 3607 | <5.0 | bmh | SW 8260B |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B |

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|--------------------------------|---------------------------|----------|------|-------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| 707742 | SBI002:HMW19D:G091801:505 | | | | | | | | | | 09/18/2001 06:30 |
| Xylenes | | <1.0 | | ug/L | 09/27/2001 | 3607 | 3607 | <1.0 | bmh | SW 8260B | |
| d4-1,2-Dichloroethane (surr) | | 100 | | % | 09/27/2001 | 3607 | 3607 | | bmh | SW 8260B | |
| Dibromofluoromethane (surr) | | 102 | | % | 09/27/2001 | 3607 | 3607 | | bmh | SW 8260B | |
| d8-Toluene (surr) | | 98 | | % | 09/27/2001 | 3607 | 3607 | | bmh | SW 8260B | |
| Bromofluorobenzene (surr) | | 103 | | % | 09/27/2001 | 3607 | 3607 | | bmh | SW 8260B | |
| 707743 | SBI002:MW15D:G091801:505 | | | | | | | | | | 09/18/2001 06:35 |
| ICPMS TOTAL METALS | | Complete | | | 09/28/2001 | 2566 | 2566 | Complete | ekh | SW 6020 | |
| Arsenic, ICPMS | | <0.0050 | | mg/L | 09/28/2001 | 1847 | 3691 | <0.0050 | ekh | SW 6020 | |
| Barium, ICPMS | | 0.0648 | | mg/L | 09/28/2001 | 1847 | 3899 | <0.0050 | ekh | SW 6020 | |
| Cadmium, ICPMS | | <0.0010 | | mg/L | 09/28/2001 | 1847 | 3570 | <0.0010 | ekh | SW 6020 | |
| Chromium, ICPMS (0.005) | | <0.0050 | | mg/L | 09/28/2001 | 1847 | 3970 | <0.0050 | ekh | SW 6020 | |
| Lead, ICPMS | | 0.0017 | | mg/L | 09/28/2001 | 1847 | 3648 | <0.0010 | ekh | SW 6020 | |
| Mercury, CVAA | | <0.0002 | | mg/L | 09/25/2001 | 1414 | 1360 | <0.0002 | epk | SW 7470A | |
| Selenium, GFAA | | <0.0050 | | mg/L | 09/27/2001 | 752 | 578 | <0.0050 | lnh | SW 7740 | |
| Silver, ICPMS | | <0.0005 | | mg/L | 09/28/2001 | 1847 | 3905 | <0.0005 | ekh | SW 6020 | |
| Metals Digestion, ICPMS | | Complete | | | 09/26/2001 | 1847 | | Complete | clm | SW 3010A | |
| Metals Digestion, GFAA | | Complete | | | 09/26/2001 | 752 | | Complete | clm | SW 3020A | |
| Manual Mercury Digestion | | Complete | | | 09/24/2001 | 1414 | | Complete | epk | SW 7470A | |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|-----------------------------|--------------------------|----------|------|-------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | |
| 707743 | SBI002:MW15D:G091801:505 | | | | | | | | | | 09/18/2001 06:35 |
| 8260 - SW846 (AQ) | | Complete | | | 09/27/2001 | | 3607 | Complete | bmh | | |
| Acetone | | <20.0 | | ug/L | 09/27/2001 | | 3607 | <20.0 | bmh | SW 8260B | |
| Benzene | | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B | |
| tert-Butylbenzene | | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B | |
| sec-Butylbenzene | | 4.1 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B | |
| n-Butylbenzene | | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B | |
| Bromochloromethane | | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B | |
| Bromodichloromethane | | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B | |
| Bromoform | | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B | |
| Bromobenzene | | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B | |
| 2-Butanone (MEK) | | <12.5 | | ug/L | 09/27/2001 | | 3607 | <12.5 | bmh | SW 8260B | |
| Carbon disulfide | | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B | |
| Carbon tetrachloride | | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B | |
| Chlorobenzene | | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B | |
| Chloroethane | | <5.0 | | ug/L | 09/27/2001 | | 3607 | <5.0 | bmh | SW 8260B | |
| 2-Chlorotoluene | | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B | |
| 4-Chlorotoluene | | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B | |
| Chloroform | | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B | |
| Chloromethane | | <5.0 | | ug/L | 09/27/2001 | | 3607 | <5.0 | bmh | SW 8260B | |
| Dibromochloromethane | | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B | |
| Dibromomethane | | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B | |
| Dichlorodifluoromethane | | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B | |
| 1,2-Dibromo-3-chloropropane | | <5.0 | | ug/L | 09/27/2001 | | 3607 | <5.0 | bmh | SW 8260B | |
| 1,2-Dichlorobenzene | | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B | |
| 1,3-Dichlorobenzene | | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B | |
| 1,4-Dichlorobenzene | | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|-----------------------------|--------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 707743 | SBI002:MW15D:G091801:505 | | | | | | | | | | 09/18/2001 06:35 |
| 1,1-Dichloroethane | | <1.0 | | ug/L | 09/27/2001 | 3607 | 3607 | <1.0 | bmh | SW 8260B | |
| 1,2-Dichloroethane | | <1.0 | | ug/L | 09/27/2001 | 3607 | 3607 | <1.0 | bmh | SW 8260B | |
| 1,1-Dichloroethene | | <1.0 | | ug/L | 09/27/2001 | 3607 | 3607 | <1.0 | bmh | SW 8260B | |
| cis-1,2-Dichloroethene | | 7.6 | | ug/L | 09/27/2001 | 3607 | 3607 | <1.0 | bmh | SW 8260B | |
| trans-1,2-Dichloroethene | | 1.5 | | ug/L | 09/27/2001 | 3607 | 3607 | <1.0 | bmh | SW 8260B | |
| 1,2-Dichloropropane | | <1.0 | | ug/L | 09/27/2001 | 3607 | 3607 | <1.0 | bmh | SW 8260B | |
| 1,3-Dichloropropane | | <1.0 | | ug/L | 09/27/2001 | 3607 | 3607 | <1.0 | bmh | SW 8260B | |
| 2,2-Dichloropropane | | <1.0 | | ug/L | 09/27/2001 | 3607 | 3607 | <1.0 | bmh | SW 8260B | |
| 1,1-Dichloropropene | | <1.0 | | ug/L | 09/27/2001 | 3607 | 3607 | <1.0 | bmh | SW 8260B | |
| cis-1,3-Dichloropropene | | <1.0 | | ug/L | 09/27/2001 | 3607 | 3607 | <1.0 | bmh | SW 8260B | |
| trans-1,3-Dichloropropene | | <1.0 | | ug/L | 09/27/2001 | 3607 | 3607 | <1.0 | bmh | SW 8260B | |
| Ethylbenzene | | <1.0 | | ug/L | 09/27/2001 | 3607 | 3607 | <5.0 | bmh | SW 8260B | |
| Hexachlorobutadiene | | <5.0 | | ug/L | 09/27/2001 | 3607 | 3607 | <5.0 | bmh | SW 8260B | |
| n-Hexane | | 48.8 | | ug/L | 09/27/2001 | 3607 | 3607 | <5.0 | bmh | SW 8260B | |
| 2-Hexanone | | <12.5 | | ug/L | 09/27/2001 | 3607 | 3607 | <12.5 | bmh | SW 8260B | |
| Isopropylbenzene (Cumene) | | <1.0 | | ug/L | 09/27/2001 | 3607 | 3607 | <1.0 | bmh | SW 8260B | |
| p-Isopropyltoluene | | <1.0 | | ug/L | 09/27/2001 | 3607 | 3607 | <1.0 | bmh | SW 8260B | |
| Bromomethane | | <5.0 | | ug/L | 09/27/2001 | 3607 | 3607 | <5.0 | bmh | SW 8260B | |
| Methylene Chloride | | <5.0 | | ug/L | 09/27/2001 | 3607 | 3607 | <5.0 | bmh | SW 8260B | |
| Methyl t-butyl ether (MTBE) | | <5.0 | | ug/L | 09/27/2001 | 3607 | 3607 | <5.0 | bmh | SW 8260B | |
| 4-Methyl-2-pentanone (MIBK) | | <12.5 | | ug/L | 09/27/2001 | 3607 | 3607 | <12.5 | bmh | SW 8260B | |
| n-Propylbenzene | | 2.4 | | ug/L | 09/27/2001 | 3607 | 3607 | <1.0 | bmh | SW 8260B | |
| Styrene | | <1.0 | | ug/L | 09/27/2001 | 3607 | 3607 | <1.0 | bmh | SW 8260B | |
| Naphthalene | | <5.0 | | ug/L | 09/27/2001 | 3607 | 3607 | <5.0 | bmh | SW 8260B | |
| 1,1,1,2-Tetrachloroethane | | <1.0 | | ug/L | 09/27/2001 | 3607 | 3607 | <1.0 | bmh | SW 8260B | |
| 1,1,1,2,2-Tetrachloroethane | | <1.0 | | ug/L | 09/27/2001 | 3607 | 3607 | <1.0 | bmh | SW 8260B | |

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|------------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707743 | SBI002:MW15D:G091801:505 | | | | | | | | | |
| | | | | | | | | | | DATE/TIME TAKEN |
| | | | | | | | | | | 09/18/2001 06:35 |
| | Tetrachloroethene | 270 | | ug/L | 09/27/2001 | | 3610 | <10 | eap | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/27/2001 | | 3607 | <5.0 | bmh | SW 8260B |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B |
| | Trichloroethene | 14.8 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/27/2001 | | 3607 | <5.0 | bmh | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B |
| | 1,3,5-Trimethylbenzene | 1.4 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B |
| | Vinyl Acetate | <5.0 | | ug/L | 09/27/2001 | | 3607 | <5.0 | bmh | SW 8260B |
| | Vinyl Chloride | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B |
| | Xylenes | <1.0 | | ug/L | 09/27/2001 | | 3607 | <1.0 | bmh | SW 8260B |
| | d4-1,2-Dichloroethane (surr) | 100 | | % | 09/27/2001 | | 3607 | | bmh | SW 8260B |
| | Dibromofluoromethane (surr) | 101 | | % | 09/27/2001 | | 3607 | | bmh | SW 8260B |
| | d8-Toluene (surr) | 93 | | % | 09/27/2001 | | 3607 | | bmh | SW 8260B |
| | Bromofluorobenzene (surr) | 102 | | % | 09/27/2001 | | 3607 | | bmh | SW 8260B |

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference | DATE/TIME TAKEN |
|--------------------------------|--------------------|----------|------|-------|------------|--------------|--------------|-----------|----------|-----------------------------|-----------------|
| | | | | | Analyzed | Batch Number | Batch Number | Limit | Initials | | |
| | | Complete | | | 09/24/2001 | 1277 | | Complete | rec | EPA 625 ; SW 3510C ; | 52 |
| | | Complete | | | 09/24/2001 | 1277 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 | |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | | |
| 8260 - SW846 (AQ) | | Complete | | | 09/27/2001 | | 3610 | Complete | eap | | |
| Acetone | <20.0 | | | ug/L | 09/27/2001 | | 3610 | <20.0 | eap | SW 8260B | |
| Benzene | <1.0 | | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| tert-Butylbenzene | <1.0 | | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| sec-Butylbenzene | <1.0 | | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| n-Butylbenzene | <1.0 | | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| Bromochloromethane | <1.0 | | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| Bromodichloromethane | <1.0 | | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| Bromoform | <1.0 | | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| Bromobenzene | <1.0 | | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| 2-Butanone (MEK) | <12.5 | | | ug/L | 09/27/2001 | | 3610 | <12.5 | eap | SW 8260B | |
| Carbon disulfide | <1.0 | | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| Carbon tetrachloride | <1.0 | | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| Chlorobenzene | <1.0 | | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| Chloroethane | <5.0 | | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B | |
| 2-Chlorotoluene | <1.0 | | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| 4-Chlorotoluene | <1.0 | | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| Chloroform | <1.0 | | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| Chloromethane | <5.0 | | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B | |
| Dibromochloromethane | <1.0 | | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| Dibromomethane | <1.0 | | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| Dichlorodifluoromethane | <1.0 | | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|---------------------------|--------|------------|-------|----------|--------------|--------------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch Number | Batch Number | Limit | Initials | |
| 707744 | SBI002:HMW23S:G091801:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 07:00 |
| 1,2-Dibromo-3-chloropropane | <5.0 | ug/L | 09/27/2001 | 3610 | <5.0 | eap | SW 8260B | | | |
| 1,2-Dichlorobenzene | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | | | |
| 1,3-Dichlorobenzene | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | | | |
| 1,4-Dichlorobenzene | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | | | |
| 1,1-Dichloroethane | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | | | |
| 1,2-Dichloroethane | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | | | |
| 1,1-Dichloroethene | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | | | |
| cis-1,2-Dichloroethene | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | | | |
| trans-1,2-Dichloroethene | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | | | |
| 1,2-Dichloropropane | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | | | |
| 1,3-Dichloropropane | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | | | |
| 2,2-Dichloropropane | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | | | |
| 1,1-Dichloropropene | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | | | |
| cis-1,3-Dichloropropene | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | | | |
| trans-1,3-Dichloropropene | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | | | |
| Ethylbenzene | 4.8 | ug/L | 09/27/2001 | 3610 | <5.0 | eap | SW 8260B | | | |
| Hexachlorobutadiene | <5.0 | ug/L | 09/27/2001 | 3610 | <5.0 | eap | SW 8260B | | | |
| n-Hexane | <5.0 | ug/L | 09/27/2001 | 3610 | <12.5 | eap | SW 8260B | | | |
| 2-Hexanone | <12.5 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | | | |
| Isopropylbenzene (Cumene) | 78.3 | ug/L | 09/27/2001 | 3610 | <100 | eap | SW 8260B | | | |
| p-Isopropyltoluene | 430 | ug/L | 09/27/2001 | 3610 | <5.0 | eap | SW 8260B | | | |
| Bromomethane | <5.0 | ug/L | 09/27/2001 | 3610 | <5.0 | eap | SW 8260B | | | |
| Methylene Chloride | <5.0 | ug/L | 09/27/2001 | 3610 | <5.0 | eap | SW 8260B | | | |
| Methyl t-butyl ether (MTBE) | <5.0 | ug/L | 09/27/2001 | 3610 | <12.5 | eap | SW 8260B | | | |
| 4-Methyl-2-pentanone (MIBK) | <12.5 | ug/L | 09/27/2001 | 3610 | <100 | eap | SW 8260B | | | |
| n-Propylbenzene | 161 | ug/L | 09/27/2001 | 3610 | <100 | eap | SW 8260B | | | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|------------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707744 | SBI002:HMW23S:G091801:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 07:00 |
| | Styrene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Naphthalene | 371 | | ug/L | 09/27/2001 | | 3610 | <100 | eap | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Tetrachloroethene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Trichloroethene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| | 1,2,4-Trimethylbenzene | 7,740 | | ug/L | 09/27/2001 | | 3610 | <100 | eap | SW 8260B |
| | 1,3,5-Trimethylbenzene | 2,330 | | ug/L | 09/27/2001 | | 3610 | <100 | eap | SW 8260B |
| | Vinyl Acetate | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| | Vinyl Chloride | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Xylenes | 146 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | d4-1,2-Dichloroethane (surr) | 103 | | % | 09/27/2001 | | 3610 | | eap | SW 8260B |
| | Dibromofluoromethane (surr) | 102 | | % | 09/27/2001 | | 3610 | | eap | SW 8260B |
| | d8-Toluene (surr) | 95 | | % | 09/27/2001 | | 3610 | | eap | SW 8260B |
| | Bromofluorobenzene (surr) | 94 | | % | 09/27/2001 | | 3610 | | eap | SW 8260B |
| | BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | |
| | Acenaphthene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| | Acenaphthylene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| | Anthracene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|------------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 707744 | SBI002:HMW23S:G091801:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 07:00 |
| | Benzo(a)anthracene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | Benzo(b)fluoranthene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | Benzo(k)fluoranthene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | Benzo(a)pyrene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | Benzyl alcohol | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | Benzyl butyl phthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | bis(2-Chloroethyl)ether | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | bis(2-Chloroethoxy)methane | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | bis(2-Ethylhexyl)phthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | 2,2'-oxybis(1-Chloropropane) | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | 4-Bromophenyl phenyl ether | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | 4-Chloroaniline | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | 2-Chloronaphthalene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | Chrysene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | Dibenzo(a,h)anthracene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | Dibenzofuran | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | 1,2-Dichlorobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | 1,3-Dichlorobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | 1,4-Dichlorobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | 3,3'-Dichlorobenzidine | <50 | | ug/L | 09/27/2001 | 1277 | 2712 | <50 | jrw | SW 8270C |
| | Diethyl phthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | Dimethyl phthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | 2,4-Dinitrotoluene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | 2,6-Dinitrotoluene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | Di-n-octylphthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | Fluoranthene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method | Reference |
|-----------------------------|---------------------------|--------|------|-------|------------|-------|-------|-----------|----------|--------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | | |
| 707744 | SBI002:HMW23S:G091801:505 | | | | | | | | | | |
| | | | | | | | | | | | DATE/TIME TAKEN 09/18/2001 07:00 |
| Fluorene | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW | 8270C |
| Hexachlorobenzene | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW | 8270C |
| Hexachloro-1,3-butadiene | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW | 8270C |
| Hexachlorocyclopentadiene | | <20 | | ug/L | 09/27/2001 | 1277 | 2712 | <20 | jrjw | SW | 8270C |
| Hexachloroethane | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW | 8270C |
| Indeno(1,2,3-cd)pyrene | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW | 8270C |
| Isophorone | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW | 8270C |
| Naphthalene | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW | 8270C |
| Nitrobenzene | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW | 8270C |
| N-Nitrosodi-n-propylamine | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW | 8270C |
| Phenanthrene | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW | 8270C |
| Pyrene | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW | 8270C |
| 1,2,4-Trichlorobenzene | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW | 8270C |
| Surrogate: d5-Nitrobenzene | | 87 | | % | 09/27/2001 | 1277 | 2712 | | jrjw | SW | 8270C |
| Surrogate: 2-Fluorobiphenyl | | 78 | | % | 09/27/2001 | 1277 | 2712 | | jrjw | SW | 8270C |
| Surrogate: d14-Terphenyl | | 62 | | % | 09/27/2001 | 1277 | 2712 | | jrjw | SW | 8270C |
| ACID COMPOUNDS (AQ) 8270 | | | | | | | | | | | |
| Benzoic acid | | <50 | | ug/L | 09/27/2001 | 1277 | 2712 | <50 | jrjw | SW | 8270C |
| 4-Chloro-3-methylphenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW | 8270C |
| 2-Chlorophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW | 8270C |
| 2,4-Dichlorophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW | 8270C |
| 2,4-Dimethylphenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW | 8270C |
| 2-Methyl-4,6-dinitrophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW | 8270C |
| 2-Methylphenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW | 8270C |
| meta & para-Methylphenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW | 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|---------------------------|---------------------------|--------|------|-------|------------|-------|-------|-----------|----------|--|
| | | | | | Analyzed | Batch | Batch | | Initials | |
| 707744 | SBI002:HMW23S:G091801:505 | | | | | | | | | |
| | | | | | | | | | | DATE/TIME TAKEN 09/18/2001 07:00 |
| 2-Nitrophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| Pentachlorophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| Phenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| 2,4,5-Trichlorophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| 2,4,6-Trichlorophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| Surrogate: d6-Phenol | | 83 | | % | 09/27/2001 | 1277 | 2712 | | jrw | SW 8270C |
| Surrogate: 2-Fluorophenol | | 77 | | % | 09/27/2001 | 1277 | 2712 | | jrw | SW 8270C |
| Surrogate: Tribromophenol | | 52 | | % | 09/27/2001 | 1277 | 2712 | | jrw | SW 8270C |
| TPH - GRO (Aqueous) | | <1 | | mg/L | 09/21/2001 | | 85 | <1 | meb | SW 8015M |

| SAMPLE NO. | SAMPLE DESCRIPTION | DATE/TIME TAKEN |
|------------|--------------------------|------------------|
| 707745 | SBI002:MW23S:G091801:505 | 09/18/2001 07:05 |

| | | | | | | |
|--------------------------------|----------|------------|------------|----------|----------|-----------------------------|
| Prep, Base Neutral | Complete | 09/24/2001 | 1277 | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, Acid Extractable | Complete | 09/24/2001 | 1277 | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | |
| 8260 - SW846 (AQ) | Complete | 09/27/2001 | | 3610 | Complete | eap |
| Acetone | <20.0 | ug/L | 09/27/2001 | 3610 | <20.0 | eap |
| Benzene | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap |
| tert-Butylbenzene | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap |
| sec-Butylbenzene | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap |
| n-Butylbenzene | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method | Reference |
|-----------------------------|--------------------------|--------|------------|-------|----------|-------|----------|-----------|----------|--------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | | |
| 707745 | SBI002:MW23S:G091801:505 | | | | | | | | | | |
| | | | | | | | | | | | DATE/TIME TAKEN 09/18/2001 07:05 |
| Bromochloromethane | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | | | | |
| Bromodichloromethane | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | | | | |
| Bromoform | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | | | | |
| Bromobenzene | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | | | | |
| 2-Butanone (MEK) | <12.5 | ug/L | 09/27/2001 | 3610 | <12.5 | eap | SW 8260B | | | | |
| Carbon disulfide | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | | | | |
| Carbon tetrachloride | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | | | | |
| Chlorobenzene | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | | | | |
| Chloroethane | <5.0 | ug/L | 09/27/2001 | 3610 | <5.0 | eap | SW 8260B | | | | |
| 2-Chlorotoluene | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | | | | |
| 4-Chlorotoluene | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | | | | |
| Chloroform | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | | | | |
| Chloromethane | <5.0 | ug/L | 09/27/2001 | 3610 | <5.0 | eap | SW 8260B | | | | |
| Dibromochloromethane | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | | | | |
| Dibromomethane | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | | | | |
| Dichlorodifluoromethane | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | | | | |
| 1,2-Dibromo-3-chloropropane | <5.0 | ug/L | 09/27/2001 | 3610 | <5.0 | eap | SW 8260B | | | | |
| 1,2-Dichlorobenzene | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | | | | |
| 1,3-Dichlorobenzene | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | | | | |
| 1,4-Dichlorobenzene | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | | | | |
| 1,1-Dichloroethane | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | | | | |
| 1,2-Dichloroethane | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | | | | |
| 1,1-Dichloroethene | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | | | | |
| cis-1,2-Dichloroethene | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | | | | |
| trans-1,2-Dichloroethene | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | | | | |
| 1,2-Dichloropropane | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | | | | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 707745 | SBI002:MW23S:G091801:505 | | | | | | | | | | 09/18/2001 07:05 |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | Ethylbenzene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B | |
| | n-Hexane | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B | |
| | 2-Hexanone | <12.5 | | ug/L | 09/27/2001 | | 3610 | <12.5 | eap | SW 8260B | |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | Bromomethane | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B | |
| | Methylene Chloride | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B | |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B | |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/27/2001 | | 3610 | <12.5 | eap | SW 8260B | |
| | n-Propylbenzene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | Styrene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | Naphthalene | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B | |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | Tetrachloroethene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | Toluene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B | |
| | 1,1,1-Trichloroethane | 2.3 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | Trichloroethene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------------------------|--------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 707745 | SBI002:MW23S:G091801:505 | | | | | | | | | |
| | | | | | | | | | | DATE/TIME TAKEN 09/18/2001 07:05 |
| Trichlorofluoromethane | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| 1,2,3-Trichloropropane | | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| 1,2,4-Trimethylbenzene | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| Vinyl Acetate | | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| Vinyl Chloride | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| Xylenes | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| d4-1,2-Dichloroethane (surr) | | 107 | | % | 09/27/2001 | | 3610 | | eap | SW 8260B |
| Dibromofluoromethane (surr) | | 104 | | % | 09/27/2001 | | 3610 | | eap | SW 8260B |
| d8-Toluene (surr) | | 96 | | % | 09/27/2001 | | 3610 | | eap | SW 8260B |
| Bromofluorobenzene (surr) | | 106 | | % | 09/27/2001 | | 3610 | | eap | SW 8260B |
| BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | | |
| Acenaphthene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| Acenaphthylene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| Anthracene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| Benzo(a)anthracene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| Benzo(b)fluoranthene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| Benzo(k)fluoranthene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| Benzo(a)pyrene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| Benzyl alcohol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| Benzyl butyl phthalate | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| bis(2-Chloroethyl) ether | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| bis(2-Chloroethoxy)methane | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| bis(2-Ethylhexyl)phthalate | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method | Reference |
|----------------------------|--------------------------|--------|------------|-------|----------|-------|-------|-----------|----------|--------|------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | | |
| 707745 | SBI002:MW23S:G091801:505 | | | | | | | | | | |
| | | | | | | | | | | | DATE/TIME TAKEN |
| | | | | | | | | | | | 09/18/2001 07:05 |
| 4-Bromophenyl phenyl ether | <10 | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C | | |
| 4-Chloroaniline | <10 | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C | | |
| 2-Chloronaphthalene | <10 | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C | | |
| Chrysene | <10 | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C | | |
| Dibenzo(a,h)anthracene | <10 | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C | | |
| Dibenzofuran | <10 | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C | | |
| 1,2-Dichlorobenzene | <10 | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C | | |
| 1,3-Dichlorobenzene | <10 | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C | | |
| 1,4-Dichlorobenzene | <10 | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C | | |
| 3,3'-Dichlorobenzidine | <50 | ug/L | 09/26/2001 | 1277 | 2705 | <50 | dmg | SW | 8270C | | |
| Diethyl phthalate | <10 | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C | | |
| Dimethyl phthalate | <10 | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C | | |
| 2,4-Dinitrotoluene | <10 | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C | | |
| 2,6-Dinitrotoluene | <10 | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C | | |
| Di-n-octylphthalate | <10 | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C | | |
| Fluoranthene | <10 | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C | | |
| Fluorene | <10 | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C | | |
| Hexachlorobenzene | <10 | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C | | |
| Hexachloro-1,3-butadiene | <10 | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C | | |
| Hexachlorocyclopentadiene | <20 | ug/L | 09/26/2001 | 1277 | 2705 | <20 | dmg | SW | 8270C | | |
| Hexachloroethane | <10 | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C | | |
| Indeno(1,2,3-cd)pyrene | <10 | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C | | |
| Isophorone | <10 | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C | | |
| Naphthalene | 417 | ug/L | 09/27/2001 | 1277 | 2712 | <100 | jrjw | SW | 8270C | | |
| Nitrobenzene | <10 | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C | | |
| N-Nitrosodi-n-propylamine | <10 | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C | | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|-----------------------------|--------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 707745 | SBI002:MW23S:G091801:505 | | | | | | | | | | 09/18/2001 07:05 |
| Phenanthrene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| Pyrene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| 1,2,4-Trichlorobenzene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| Surrogate: d5-Nitrobenzene | | 60 | | % | 09/26/2001 | 1277 | 2705 | | dmg | SW 8270C | |
| Surrogate: 2-Fluorobiphenyl | | 71 | | % | 09/26/2001 | 1277 | 2705 | | dmg | SW 8270C | |
| Surrogate: d14-Terphenyl | | 50 | | % | 09/26/2001 | 1277 | 2705 | | dmg | SW 8270C | |
| ACID COMPOUNDS (AQ) 8270 | | | | | | | | | | | |
| Benzoic acid | | <50 | | ug/L | 09/26/2001 | 1277 | 2705 | <50 | dmg | SW 8270C | |
| 4-Chloro-3-methylphenol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| 2-Chlorophenol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| 2,4-Dichlorophenol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| 2,4-Dimethylphenol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| 2-Methyl-4,6-dinitrophenol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| 2-Methylphenol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| meta & para-Methylphenol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| 2-Nitrophenol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| Pentachlorophenol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| Phenol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| 2,4,5-Trichlorophenol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| 2,4,6-Trichlorophenol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| Surrogate: d6-Phenol | | 23 | | % | 09/26/2001 | 1277 | 2705 | | dmg | SW 8270C | |
| Surrogate: 2-Fluorophenol | | 91 | | % | 09/26/2001 | 1277 | 2705 | | dmg | SW 8270C | |
| Surrogate: Tribromophenol | | 83 | | % | 09/26/2001 | 1277 | 2705 | | dmg | SW 8270C | |
| TPH - GRO (Aqueous) | | 36.2 | | mg/L | 09/21/2001 | | 85 | <10 | meb | SW 8015M | |

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|--------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 707746 | SBI002:MW23D:G091801:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 07:10 |
| Prep, Base Neutral | Complete | | | | 09/24/2001 | 1277 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, Acid Extractable | Complete | | | | 09/24/2001 | 1277 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | Complete | | | | 09/27/2001 | | 3610 | Complete | eap | |
| Acetone | <20.0 | | | ug/L | 09/27/2001 | | 3610 | <20.0 | eap | SW 8260B |
| Benzene | <1.0 | | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| tert-Butylbenzene | <1.0 | | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| sec-Butylbenzene | <1.0 | | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| n-Butylbenzene | <1.0 | | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| Bromochloromethane | <1.0 | | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| Bromodichloromethane | <1.0 | | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| Bromoform | <1.0 | | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| Bromobenzene | <1.0 | | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| 2-Butanone (MEK) | <12.5 | | | ug/L | 09/27/2001 | | 3610 | <12.5 | eap | SW 8260B |
| Carbon disulfide | <1.0 | | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| Carbon tetrachloride | <1.0 | | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| Chlorobenzene | <1.0 | | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| Chloroethane | <5.0 | | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| 2-Chlorotoluene | <1.0 | | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| 4-Chlorotoluene | <1.0 | | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| Chloroform | <1.0 | | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| Chloromethane | <5.0 | | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| Dibromochloromethane | <1.0 | | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| Dibromomethane | <1.0 | | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| Dichlorodifluoromethane | <1.0 | | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|--------------------------|--------|------|------------|----------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 707746 | SBI002:MW23D:G091801:505 | | | | | | | | | |
| | | | | | | | | | | DATE/TIME TAKEN 09/18/2001 07:10 |
| 1,2-Dibromo-3-chloropropane | <5.0 | ug/L | | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B | |
| 1,2-Dichlorobenzene | <1.0 | ug/L | | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| 1,3-Dichlorobenzene | <1.0 | ug/L | | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| 1,4-Dichlorobenzene | <1.0 | ug/L | | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| 1,1-Dichloroethane | <1.0 | ug/L | | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| 1,2-Dichloroethane | <1.0 | ug/L | | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| 1,1-Dichloroethene | <1.0 | ug/L | | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| cis-1,2-Dichloroethene | <1.0 | ug/L | | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| trans-1,2-Dichloroethene | <1.0 | ug/L | | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| 1,2-Dichloropropane | <1.0 | ug/L | | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| 1,3-Dichloropropane | <1.0 | ug/L | | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| 2,2-Dichloropropane | <1.0 | ug/L | | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| 1,1-Dichloropropene | <1.0 | ug/L | | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| cis-1,3-Dichloropropene | <1.0 | ug/L | | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| trans-1,3-Dichloropropene | <1.0 | ug/L | | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| Ethylbenzene | <1.0 | ug/L | | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| Hexachlorobutadiene | <5.0 | ug/L | | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B | |
| n-Hexane | <5.0 | ug/L | | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B | |
| 2-Hexanone | <12.5 | ug/L | | 09/27/2001 | | 3610 | <12.5 | eap | SW 8260B | |
| Isopropylbenzene (Cumene) | <1.0 | ug/L | | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| p-Isopropyltoluene | <1.0 | ug/L | | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| Bromomethane | <5.0 | ug/L | | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B | |
| Methylene Chloride | <5.0 | ug/L | | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B | |
| Methyl t-butyl ether (MTBE) | <5.0 | ug/L | | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B | |
| 4-Methyl-2-pentanone (MIBK) | <12.5 | ug/L | | 09/27/2001 | | 3610 | <12.5 | eap | SW 8260B | |
| n-Propylbenzene | <1.0 | ug/L | | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method | Reference |
|------------------------------|--------------------------|--------|------|-------|------------|-------|-------|-----------|----------|--------|------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | | |
| 707746 | SBI002:MW23D:G091801:505 | | | | | | | | | | |
| | | | | | | | | | | | DATE/TIME TAKEN |
| | | | | | | | | | | | 09/18/2001 07:10 |
| Styrene | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW | 8260B |
| Naphthalene | | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW | 8260B |
| 1,1,1,2-Tetrachloroethane | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW | 8260B |
| 1,1,2,2-Tetrachloroethane | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW | 8260B |
| Tetrachloroethene | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW | 8260B |
| Toluene | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW | 8260B |
| 1,2,4-Trichlorobenzene | | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW | 8260B |
| 1,1,1-Trichloroethane | | 3.7 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW | 8260B |
| 1,1,2-Trichloroethane | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW | 8260B |
| Trichloroethene | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW | 8260B |
| Trichlorofluoromethane | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW | 8260B |
| 1,2,3-Trichloropropane | | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW | 8260B |
| 1,2,4-Trimethylbenzene | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW | 8260B |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW | 8260B |
| Vinyl Acetate | | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW | 8260B |
| Vinyl Chloride | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW | 8260B |
| Xylenes | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW | 8260B |
| d4-1,2-Dichloroethane (surr) | | 106 | | % | 09/27/2001 | | 3610 | | eap | SW | 8260B |
| Dibromofluoromethane (surr) | | 103 | | % | 09/27/2001 | | 3610 | | eap | SW | 8260B |
| d8-Toluene (surr) | | 98 | | % | 09/27/2001 | | 3610 | | eap | SW | 8260B |
| Bromofluorobenzene (surr) | | 106 | | % | 09/27/2001 | | 3610 | | eap | SW | 8260B |
| BASE NEUTRAL COMP. (AQ) | 8270 | | | | | | | | | | |
| Acenaphthene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| Acenaphthylene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| Anthracene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|------------------------------|--------|------|-------|------------|--------------|--------------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch Number | Batch Number | Limit | Initials | |
| 707746 | SBI002:MW23D:G091801:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 07:10 |
| | Benzo(a)anthracene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Benzo(b)fluoranthene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Benzo(k)fluoranthene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Benzo(a)pyrene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Benzyl alcohol | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Benzyl butyl phthalate | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | bis(2-Chloroethyl)ether | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | bis(2-Chloroethoxy)methane | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | bis(2-Ethylhexyl)phthalate | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 2,2'-oxybis(1-Chloropropane) | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 4-Bromophenyl phenyl ether | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 4-Chloroaniline | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 2-Chloronaphthalene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Chrysene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Dibenzo(a,h)anthracene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Dibenzofuran | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 1,2-Dichlorobenzene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 1,3-Dichlorobenzene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 1,4-Dichlorobenzene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 3,3'-Dichlorobenzidine | <50 | | ug/L | 09/26/2001 | 1277 | 2705 | <50 | dmg | SW 8270C |
| | Diethyl phthalate | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Dimethyl phthalate | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 2,4-Dinitrotoluene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 2,6-Dinitrotoluene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Di-n-octylphthalate | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Fluoranthene | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|--------------------------|--------|------|-------|------------|-------|-------|-----------|---------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | | Limit | |
| 707746 | SBI002:MW23D:G091801:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 07:10 |
| Fluorene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| Hexachlorobenzene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| Hexachloro-1,3-butadiene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| Hexachlorocyclopentadiene | | <20 | | ug/L | 09/26/2001 | 1277 | 2705 | <20 | dmg | SW 8270C |
| Hexachloroethane | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| Indeno(1,2,3-cd)pyrene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| Isophorone | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| Naphthalene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| Nitrobenzene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| N-Nitrosodi-n-propylamine | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| Phenanthrene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| Pyrene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 1,2,4-Trichlorobenzene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| Surrogate: d5-Nitrobenzene | | 80 | | % | 09/26/2001 | 1277 | 2705 | | dmg | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 85 | | % | 09/26/2001 | 1277 | 2705 | | dmg | SW 8270C |
| Surrogate: d14-Terphenyl | | 57 | | % | 09/26/2001 | 1277 | 2705 | | dmg | SW 8270C |
| ACID COMPOUNDS (AQ) 8270 | | | | | | | | | | |
| Benzoic acid | | <50 | | ug/L | 09/26/2001 | 1277 | 2705 | <50 | dmg | SW 8270C |
| 4-Chloro-3-methylphenol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 2-Chlorophenol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 2,4-Dichlorophenol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 2,4-Dimethylphenol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 2-Methylphenol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| meta & para-Methylphenol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|---------------------------|--------|------|-------|------------|-------|-------|-----------|---------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | | Limit | |
| 707746 | SBI002:MW23D:G091801:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 07:10 |
| | 2-Nitrophenol | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Pentachlorophenol | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Phenol | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 2,4,5-Trichlorophenol | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 2,4,6-Trichlorophenol | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Surrogate: d6-Phenol | 75 | | % | 09/26/2001 | 1277 | 2705 | | dmg | SW 8270C |
| | Surrogate: 2-Fluorophenol | 78 | | % | 09/26/2001 | 1277 | 2705 | | dmg | SW 8270C |
| | Surrogate: Tribromophenol | 77 | | % | 09/26/2001 | 1277 | 2705 | | dmg | SW 8270C |
| | TPH - GRO (Aqueous) | <1 | | mg/L | 09/21/2001 | | 85 | <1 | meb | SW 8015M |

SAMPLE NO. 707747 **SAMPLE DESCRIPTION** SBI002:HMW13S:G091801:523 **DATE/TIME TAKEN** 09/18/2001 15:45

| | | | | | | | | | | |
|--------------------------------|----------|--|--|------|------------|------|------|----------|-----|-----------------------------|
| Prep, Base Neutral | Complete | | | | 09/24/2001 | 1277 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, Acid Extractable | Complete | | | | 09/24/2001 | 1277 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, TPH - 418.1 aq | Complete | | | | 09/26/2001 | 602 | | Complete | 260 | EPA 418.1 |
| Prep, TPH DRO Aqueous | Complete | | | | 09/25/2001 | 125 | | Complete | mem | |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | Complete | | | | 09/27/2001 | | 3610 | Complete | eap | |
| Acetone | <20.0 | | | ug/L | 09/27/2001 | | 3610 | <20.0 | eap | SW 8260B |
| Benzene | <1.0 | | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| tert-Butylbenzene | <1.0 | | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 707747 | SBI002:HMW13S:G091801:523 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 15:45 |
| | sec-Butylbenzene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | n-Butylbenzene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Bromochloromethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Bromodichloromethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Bromoform | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Bromobenzene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 2-Butanone (MEK) | <12.5 | | ug/L | 09/27/2001 | | 3610 | <12.5 | eap | SW 8260B |
| | Carbon disulfide | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Carbon tetrachloride | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Chlorobenzene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Chloroethane | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| | 2-Chlorotoluene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 4-Chlorotoluene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Chloroform | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Chloromethane | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| | Dibromochloromethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Dibromomethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | cis-1,2-Dichloroethene | 2.8 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|------------|--------------|--------------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch Number | Batch Number | Limit | Initials | |
| 707747 | SBI002:HMW13S:G091801:523 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 15:45 |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 09/27/2001 | | 3610 | <12.5 | eap | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/27/2001 | | 3610 | <12.5 | eap | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Tetrachloroethene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|------------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 707747 | SBI002:HMW13S:G091801:523 | | | | | | | | | | 09/18/2001 15:45 |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | Trichloroethene | 19.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B | |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | Vinyl Acetate | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B | |
| | Vinyl Chloride | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | Xylenes | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | d4-1,2-Dichloroethane (surr) | 102 | | % | 09/27/2001 | | 3610 | | eap | SW 8260B | |
| | Dibromofluoromethane (surr) | 102 | | % | 09/27/2001 | | 3610 | | eap | SW 8260B | |
| | d8-Toluene (surr) | 96 | | % | 09/27/2001 | | 3610 | | eap | SW 8260B | |
| | Bromofluorobenzene (surr) | 106 | | % | 09/27/2001 | | 3610 | | eap | SW 8260B | |
| | BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | | |
| | Acenaphthene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |
| | Acenaphthylene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |
| | Anthracene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |
| | Benzo(a)anthracene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |
| | Benzo(b)fluoranthene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |
| | Benzo(k)fluoranthene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |
| | Benzo(a)pyrene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |
| | Benzyl alcohol | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |
| | Benzyl butyl phthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |
| | bis(2-Chloroethyl) ether | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |
| | bis(2-Chloroethoxy)methane | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|------------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 707747 | SBI002:HMW13S:G091801:523 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 15:45 |
| | bis(2-Ethylhexyl)phthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | 2,2'-oxybis(1-Chloropropane) | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | 4-Bromophenyl phenyl ether | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | 4-Chloroaniline | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | 2-Chloronaphthalene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | Chrysene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | Dibenzo (a, h) anthracene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | Dibenzofuran | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | 1,2-Dichlorobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | 1,3-Dichlorobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | 1,4-Dichlorobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | 3,3'-Dichlorobenzidine | <50 | | ug/L | 09/27/2001 | 1277 | 2712 | <50 | jrw | SW 8270C |
| | Diethyl phthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | Dimethyl phthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | 2,4-Dinitrotoluene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | 2,6-Dinitrotoluene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | Di-n-octylphthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | Fluoranthene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | Fluorene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | Hexachlorobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | Hexachloro-1,3-butadiene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | Hexachlorocyclopentadiene | <20 | | ug/L | 09/27/2001 | 1277 | 2712 | <20 | jrw | SW 8270C |
| | Hexachloroethane | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | Indeno (1,2,3-cd) pyrene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | Isophorone | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | Naphthalene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |

TestAmerica, Incorporated

ANALYTICAL REPORT

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10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|---------------------------------|-----------------------------|--------|------|-------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | 09/18/2001 15:45 |
| | Nitrobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |
| | N-Nitrosodi-n-propylamine | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |
| | Phenanthrene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |
| | Pyrene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |
| | 1,2,4-Trichlorobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |
| | Surrogate: d5-Nitrobenzene | 84 | | % | 09/27/2001 | 1277 | 2712 | | jrjw | SW 8270C | |
| | Surrogate: 2-Fluorobiphenyl | 74 | | % | 09/27/2001 | 1277 | 2712 | | jrjw | SW 8270C | |
| | Surrogate: d14-Terphenyl | 40 | | % | 09/27/2001 | 1277 | 2712 | | jrjw | SW 8270C | |
| ACID COMPOUNDS (AQ) 8270 | | | | | | | | | | | |
| | Benzoic acid | <50 | | ug/L | 09/27/2001 | 1277 | 2712 | <50 | jrjw | SW 8270C | |
| | 4-Chloro-3-methylphenol | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |
| | 2-Chlorophenol | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |
| | 2,4-Dichlorophenol | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |
| | 2,4-Dimethylphenol | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |
| | 2-Methyl-4,6-dinitrophenol | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |
| | 2-Methylphenol | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |
| | meta & para-Methylphenol | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |
| | 2-Nitrophenol | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |
| | Pentachlorophenol | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |
| | Phenol | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |
| | 2,4,5-Trichlorophenol | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |
| | 2,4,6-Trichlorophenol | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |
| | Surrogate: d6-Phenol | 12 | | % | 09/27/2001 | 1277 | 2712 | | jrjw | SW 8270C | |
| | Surrogate: 2-Fluorophenol | 7 | | % | 09/27/2001 | 1277 | 2712 | | jrjw | SW 8270C | |
| | Surrogate: Tribromophenol | 6 | note | % | 09/27/2001 | 1277 | 2712 | | jrjw | SW 8270C | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | |
|---------------------------------------|----------|-------|---------------------------|-------------------|------------------|-----------------|------------------------|------------------|--|
| SAMPLE NO. | | | SAMPLE DESCRIPTION | | | | DATE/TIME TAKEN | | |
| 707747 | | | SBI002:HMW13S:G091801:523 | | | | 09/18/2001 15:45 | | |
| TPH - DRO AQUEOUS | <1 | mg/L | 09/26/2001 | 125 | 213 | <1 | meb | SW 8015M | |
| TPH - Method 418.1 (AQ) | <0.2 | mg/L | 09/27/2001 | 602 | 723 | <0.2 | 260 | EPA 418.1 | |
| SAMPLE NO. | | | SAMPLE DESCRIPTION | | | | DATE/TIME TAKEN | | |
| 707748 | | | SBI002:HMW2S:G091801:523 | | | | 09/18/2001 16:20 | | |
| ICPMS TOTAL METALS | Complete | | 09/28/2001 | | 2566 | Complete | ekh | SW 6020 | |
| Arsenic, ICPMS | 0.146 | mg/L | 09/28/2001 | 1847 | 3691 | <0.0050 | ekh | SW 6020 | |
| Barium, ICPMS | 0.448 | mg/L | 09/28/2001 | 1847 | 3899 | <0.0050 | ekh | SW 6020 | |
| Cadmium, ICPMS | 0.0041 | mg/L | 09/28/2001 | 1847 | 3570 | <0.0010 | ekh | SW 6020 | |
| Chromium, ICPMS (0.005) | 0.163 | mg/L | 09/28/2001 | 1847 | 3970 | <0.0050 | ekh | SW 6020 | |
| Lead, ICPMS | 0.531 | mg/L | 09/28/2001 | 1847 | 3648 | <0.0010 | ekh | SW 6020 | |
| Mercury, CVAA | <0.0002 | mg/L | 09/25/2001 | 1414 | 1360 | <0.0002 | epk | SW 7470A | |
| Selenium, GFAA | <0.0050 | mg/L | 09/27/2001 | 752 | 578 | <0.0050 | lnh | SW 7740 | |
| Silver, ICPMS | 0.0007 | mg/L | 09/28/2001 | 1847 | 3905 | <0.0005 | ekh | SW 6020 | |
| Metals Digestion, ICPMS | Complete | | 09/26/2001 | 1847 | | Complete | clm | SW 3010A | |
| Metals Digestion, GFAA | Complete | | 09/26/2001 | 752 | | Complete | clm | SW 3020A | |
| Manual Mercury Digestion | Complete | | 09/24/2001 | 1414 | | Complete | epk | SW 7470A | |
| Prep, TPH - 418.1 aq | Complete | | 09/26/2001 | 602 | | Complete | 260 | EPA 418.1 | |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | |
| 8260 - SW846 (AQ) | Complete | | 09/27/2001 | | 3610 | Complete | eap | | |
| Acetone | <20.0 | ug/L | 09/27/2001 | | 3610 | <20.0 | eap | SW 8260B | |

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 707748 | SBI002:HMW2S:G091801:523 | | | | | | | | | | 09/18/2001 16:20 |
| | Benzene | <1.0 | | ug/L | 09/27/2001 | 3610 | 3610 | <1.0 | eap | SW 8260B | |
| | tert-Butylbenzene | <1.0 | | ug/L | 09/27/2001 | 3610 | 3610 | <1.0 | eap | SW 8260B | |
| | sec-Butylbenzene | <1.0 | | ug/L | 09/27/2001 | 3610 | 3610 | <1.0 | eap | SW 8260B | |
| | n-Butylbenzene | <1.0 | | ug/L | 09/27/2001 | 3610 | 3610 | <1.0 | eap | SW 8260B | |
| | Bromochloromethane | <1.0 | | ug/L | 09/27/2001 | 3610 | 3610 | <1.0 | eap | SW 8260B | |
| | Bromodichloromethane | <1.0 | | ug/L | 09/27/2001 | 3610 | 3610 | <1.0 | eap | SW 8260B | |
| | Bromoform | <1.0 | | ug/L | 09/27/2001 | 3610 | 3610 | <1.0 | eap | SW 8260B | |
| | Bromobenzene | <1.0 | | ug/L | 09/27/2001 | 3610 | 3610 | <1.0 | eap | SW 8260B | |
| | 2-Butanone (MEK) | <12.5 | | ug/L | 09/27/2001 | 3610 | 3610 | <12.5 | eap | SW 8260B | |
| | Carbon disulfide | <1.0 | | ug/L | 09/27/2001 | 3610 | 3610 | <1.0 | eap | SW 8260B | |
| | Carbon tetrachloride | <1.0 | | ug/L | 09/27/2001 | 3610 | 3610 | <1.0 | eap | SW 8260B | |
| | Chlorobenzene | <1.0 | | ug/L | 09/27/2001 | 3610 | 3610 | <1.0 | eap | SW 8260B | |
| | Chloroethane | <5.0 | | ug/L | 09/27/2001 | 3610 | 3610 | <5.0 | eap | SW 8260B | |
| | 2-Chlorotoluene | <1.0 | | ug/L | 09/27/2001 | 3610 | 3610 | <1.0 | eap | SW 8260B | |
| | 4-Chlorotoluene | <1.0 | | ug/L | 09/27/2001 | 3610 | 3610 | <1.0 | eap | SW 8260B | |
| | Chloroform | <1.0 | | ug/L | 09/27/2001 | 3610 | 3610 | <1.0 | eap | SW 8260B | |
| | Chloromethane | <5.0 | | ug/L | 09/27/2001 | 3610 | 3610 | <5.0 | eap | SW 8260B | |
| | Dibromochloromethane | <1.0 | | ug/L | 09/27/2001 | 3610 | 3610 | <1.0 | eap | SW 8260B | |
| | Dibromomethane | <1.0 | | ug/L | 09/27/2001 | 3610 | 3610 | <1.0 | eap | SW 8260B | |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/27/2001 | 3610 | 3610 | <1.0 | eap | SW 8260B | |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/27/2001 | 3610 | 3610 | <5.0 | eap | SW 8260B | |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/27/2001 | 3610 | 3610 | <1.0 | eap | SW 8260B | |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/27/2001 | 3610 | 3610 | <1.0 | eap | SW 8260B | |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/27/2001 | 3610 | 3610 | <1.0 | eap | SW 8260B | |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/27/2001 | 3610 | 3610 | <1.0 | eap | SW 8260B | |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/27/2001 | 3610 | 3610 | <1.0 | eap | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|------------|--------------|--------------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch Number | Batch Number | Limit | Initials | |
| 707748 | SBI002:HMW2S:G091801:523 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 16:20 |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | cis-1,2-Dichloroethene | 1.3 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/27/2001 | | 3610 | <12.5 | eap | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/27/2001 | | 3610 | <12.5 | eap | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Tetrachloroethene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|------------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707748 | SBI002:HMW2S:G091801:523 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 16:20 |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Trichloroethene | 8.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Vinyl Acetate | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| | Vinyl Chloride | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Xylenes | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | d4-1,2-Dichloroethane (surr) | 108 | | % | 09/27/2001 | | 3610 | | eap | SW 8260B |
| | Dibromofluoromethane (surr) | 103 | | % | 09/27/2001 | | 3610 | | eap | SW 8260B |
| | d8-Toluene (surr) | 96 | | % | 09/27/2001 | | 3610 | | eap | SW 8260B |
| | Bromofluorobenzene (surr) | 108 | | % | 09/27/2001 | | 3610 | | eap | SW 8260B |
| | TPH - GRO (Aqueous) | <1 | | mg/L | 09/21/2001 | | 85 | <1 | meb | SW 8015M |
| | TPH - Method 418.1 (AQ) | <0.2 | | mg/L | 09/27/2001 | 602 | 723 | <0.2 | 260 | EPA 418.1 |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|---------------------------------------|--------------------|----------|------|-------|------------|--------------|--------------|-----------|----------|--|
| | | | | | Analyzed | Batch Number | Batch Number | Limit | Initials | |
| | | | | | | | | | | DATE/TIME TAKEN 09/18/2001 17:00 |
| ICPMS TOTAL METALS | | Complete | | | 09/28/2001 | | 2566 | Complete | ekh | SW 6020 |
| Arsenic, ICPMS | | 0.0386 | | mg/L | 09/28/2001 | 1847 | 3691 | <0.0050 | ekh | SW 6020 |
| Barium, ICPMS | | 0.205 | | mg/L | 09/28/2001 | 1847 | 3899 | <0.0050 | ekh | SW 6020 |
| Cadmium, ICPMS | | 0.0012 | | mg/L | 09/28/2001 | 1847 | 3570 | <0.0010 | ekh | SW 6020 |
| Chromium, ICPMS (0.005) | | 0.0087 | | mg/L | 09/28/2001 | 1847 | 3970 | <0.0050 | ekh | SW 6020 |
| Lead, ICPMS | | 0.0754 | | mg/L | 09/28/2001 | 1847 | 3648 | <0.0010 | ekh | SW 6020 |
| Mercury, CVAA | | <0.0002 | | mg/L | 09/25/2001 | 1414 | 1360 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | | <0.0050 | | mg/L | 09/27/2001 | 752 | 578 | <0.0050 | lnh | SW 7740 |
| Silver, ICPMS | | <0.0005 | | mg/L | 09/28/2001 | 1847 | 3905 | <0.0005 | ekh | SW 6020 |
| Metals Digestion, ICPMS | | Complete | | | 09/26/2001 | 1847 | | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | | Complete | | | 09/26/2001 | 752 | | Complete | clm | SW 3020A |
| Manual Mercury Digestion | | Complete | | | 09/24/2001 | 1414 | | Complete | epk | SW 7470A |
| Prep, Base Neutral | | Complete | | | 09/24/2001 | 1277 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, Acid Extractable | | Complete | | | 09/24/2001 | 1277 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, TPH - 418.1 aq | | Complete | | | 09/26/2001 | 602 | | Complete | 260 | EPA 418.1 |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | | Complete | | | 09/27/2001 | | 3610 | Complete | eap | |
| Acetone | | <20.0 | | ug/L | 09/27/2001 | | 3610 | <20.0 | eap | SW 8260B |
| Benzene | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| tert-Butylbenzene | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| sec-Butylbenzene | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| n-Butylbenzene | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| Bromochloromethane | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| Bromodichloromethane | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| Bromoform | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|--------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707749 | SBI002:HMW1S:G091801:523 | | | | | | | | | |
| | | | | | | | | | | DATE/TIME TAKEN 09/18/2001 17:00 |
| Bromobenzene | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| 2-Butanone (MEK) | | <12.5 | | ug/L | 09/27/2001 | | 3610 | <12.5 | eap | SW 8260B |
| Carbon disulfide | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| Carbon tetrachloride | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| Chlorobenzene | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| Chloroethane | | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| 2-Chlorotoluene | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| 4-Chlorotoluene | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| Chloroform | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| Chloromethane | | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| Dibromochloromethane | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| Dibromomethane | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| Dichlorodifluoromethane | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| 1,2-Dibromo-3-chloropropane | | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| 1,2-Dichlorobenzene | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| 1,3-Dichlorobenzene | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| 1,4-Dichlorobenzene | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| 1,1-Dichloroethane | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| 1,2-Dichloroethane | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| 1,1-Dichloroethene | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| cis-1,2-Dichloroethene | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| trans-1,2-Dichloroethene | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| 1,2-Dichloropropane | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| 1,3-Dichloropropane | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| 2,2-Dichloropropane | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| 1,1-Dichloropropene | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | DATE ANALYZED | PREP BATCH NUMBER | RUN BATCH NUMBER | REPORTING LIMIT | ANALYST INITIALS | DATE/TIME TAKEN | METHOD REFERENCE |
|-----------------------------|--------------------------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| 707749 | SBI002:HMW1S:G091801:523 | 09/27/2001 | | | | | 09/18/2001 17:00 | |
| cis-1,3-Dichloropropene | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | |
| trans-1,3-Dichloropropene | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | |
| Ethylbenzene | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | |
| Hexachlorobutadiene | <5.0 | ug/L | 09/27/2001 | 3610 | <5.0 | eap | SW 8260B | |
| n-Hexane | <5.0 | ug/L | 09/27/2001 | 3610 | <5.0 | eap | SW 8260B | |
| 2-Hexanone | <12.5 | ug/L | 09/27/2001 | 3610 | <12.5 | eap | SW 8260B | |
| Isopropylbenzene (Cumene) | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | |
| p-Isopropyltoluene | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | |
| Bromomethane | <5.0 | ug/L | 09/27/2001 | 3610 | <5.0 | eap | SW 8260B | |
| Methylene Chloride | <5.0 | ug/L | 09/27/2001 | 3610 | <5.0 | eap | SW 8260B | |
| Methyl t-butyl ether (MTBE) | <5.0 | ug/L | 09/27/2001 | 3610 | <5.0 | eap | SW 8260B | |
| 4-Methyl-2-pentanone (MIBK) | <12.5 | ug/L | 09/27/2001 | 3610 | <12.5 | eap | SW 8260B | |
| n-Propylbenzene | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | |
| Styrene | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | |
| Naphthalene | <5.0 | ug/L | 09/27/2001 | 3610 | <5.0 | eap | SW 8260B | |
| 1,1,1,2-Tetrachloroethane | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | |
| 1,1,2,2-Tetrachloroethane | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | |
| Tetrachloroethene | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | |
| Toluene | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | |
| 1,2,4-Trichlorobenzene | <5.0 | ug/L | 09/27/2001 | 3610 | <5.0 | eap | SW 8260B | |
| 1,1,1-Trichloroethane | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | |
| 1,1,2-Trichloroethane | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | |
| Trichloroethene | 2.3 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | |
| Trichlorofluoromethane | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | |
| 1,2,3-Trichloropropane | <5.0 | ug/L | 09/27/2001 | 3610 | <5.0 | eap | SW 8260B | |
| 1,2,4-Trimethylbenzene | <1.0 | ug/L | 09/27/2001 | 3610 | <1.0 | eap | SW 8260B | |

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------------------------|--------------------------|--------|------|-------|------------|--------------|--------------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch Number | Batch Number | Limit | Initials | |
| 707749 | SBI002:HMW1S:G091801:523 | | | | | | | | | |
| | | | | | | | | | | DATE/TIME TAKEN 09/18/2001 17:00 |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| Vinyl Acetate | | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| Vinyl Chloride | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| Xylenes | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| d4-1,2-Dichloroethane (surr) | | 108 | | % | 09/27/2001 | | 3610 | | eap | SW 8260B |
| Dibromofluoromethane (surr) | | 104 | | % | 09/27/2001 | | 3610 | | eap | SW 8260B |
| d8-Toluene (surr) | | 94 | | % | 09/27/2001 | | 3610 | | eap | SW 8260B |
| Bromofluorobenzene (surr) | | 104 | | % | 09/27/2001 | | 3610 | | eap | SW 8260B |
| BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | | |
| Acenaphthene | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Acenaphthylene | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Anthracene | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Benzo(a)anthracene | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Benzo(b)fluoranthene | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Benzo(k)fluoranthene | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Benzo(a)pyrene | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Benzyl alcohol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Benzyl butyl phthalate | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| bis(2-Chloroethyl) ether | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| bis(2-Chloroethoxy)methane | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| bis(2-Ethylhexyl)phthalate | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| 4-Bromophenyl phenyl ether | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| 4-Chloroaniline | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| 2-Chloronaphthalene | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|------------|---------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 707749 | SBI002:HMW1S:G091801:523 | | | | | | | | | | 09/18/2001 17:00 |
| | Chrysene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | Dibenzo(a,h)anthracene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | Dibenzofuran | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | 1,2-Dichlorobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | 1,3-Dichlorobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | 1,4-Dichlorobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | 3,3'-Dichlorobenzidine | <50 | | ug/L | 09/27/2001 | 1277 | 2712 | <50 | jrw | SW 8270C | |
| | Diethyl phthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | Dimethyl phthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | 2,4-Dinitrotoluene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | 2,6-Dinitrotoluene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | Di-n-octylphthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | Fluoranthene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | Fluorene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | Hexachlorobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | Hexachloro-1,3-butadiene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | Hexachlorocyclopentadiene | <20 | | ug/L | 09/27/2001 | 1277 | 2712 | <20 | jrw | SW 8270C | |
| | Hexachloroethane | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | Indeno(1,2,3-cd)pyrene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | Isophorone | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | Naphthalene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | Nitrobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | N-Nitrosodi-n-propylamine | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | Phenanthrene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | Pyrene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | 1,2,4-Trichlorobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|--------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 707749 | SBI002:HMW1S:G091801:523 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 17:00 |
| Surrogate: d5-Nitrobenzene | | 82 | | % | 09/27/2001 | 1277 | 2712 | | jrjw | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 75 | | % | 09/27/2001 | 1277 | 2712 | | jrjw | SW 8270C |
| Surrogate: d14-Terphenyl | | 56 | | % | 09/27/2001 | 1277 | 2712 | | jrjw | SW 8270C |
| ACID COMPOUNDS (AQ) 8270 | | | | | | | | | | |
| Benzoic acid | | <50 | | ug/L | 09/27/2001 | 1277 | 2712 | <50 | jrjw | SW 8270C |
| 4-Chloro-3-methylphenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| 2-Chlorophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| 2,4-Dichlorophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| 2,4-Dimethylphenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| 2-Methylphenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| meta & para-Methylphenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| 2-Nitrophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Pentachlorophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Phenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| 2,4,5-Trichlorophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| 2,4,6-Trichlorophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Surrogate: d6-Phenol | | 73 | | % | 09/27/2001 | 1277 | 2712 | | jrjw | SW 8270C |
| Surrogate: 2-Fluorophenol | | 76 | | % | 09/27/2001 | 1277 | 2712 | | jrjw | SW 8270C |
| Surrogate: Tribromophenol | | 66 | | % | 09/27/2001 | 1277 | 2712 | | jrjw | SW 8270C |
| TPH - GRO (Aqueous) | | <1 | | mg/L | 09/21/2001 | | 85 | <1 | meb | SW 8015M |
| TPH - Method 418.1 (AQ) | | <0.2 | | mg/L | 09/27/2001 | 602 | 723 | <0.2 | 260 | EPA 418.1 |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|--------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 707750 | SBI002:HMW11:G091801:523 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 17:10 |
| ICPMS TOTAL METALS | | | | | | | | | | |
| | Complete | | | | 09/28/2001 | | 2566 | Complete | ekh | SW 6020 |
| Arsenic, ICPMS | 0.0230 | | | mg/L | 09/28/2001 | 1847 | 3691 | <0.0050 | ekh | SW 6020 |
| Barium, ICPMS | 0.0946 | | | mg/L | 09/28/2001 | 1847 | 3899 | <0.0050 | ekh | SW 6020 |
| Cadmium, ICPMS | <0.0010 | | | mg/L | 09/28/2001 | 1847 | 3570 | <0.0010 | ekh | SW 6020 |
| Chromium, ICPMS (0.005) | 0.0087 | | | mg/L | 09/28/2001 | 1847 | 3970 | <0.0050 | ekh | SW 6020 |
| Lead, ICPMS | 0.0394 | | | mg/L | 09/28/2001 | 1847 | 3648 | <0.0010 | ekh | SW 6020 |
| Mercury, CVAA | <0.0002 | | | mg/L | 09/25/2001 | 1414 | 1360 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | <0.0050 | | | mg/L | 09/27/2001 | 752 | 578 | <0.0050 | lnh | SW 7740 |
| Silver, ICPMS | <0.0005 | | | mg/L | 09/28/2001 | 1847 | 3905 | <0.0005 | ekh | SW 6020 |
| Metals Digestion, ICPMS | Complete | | | | 09/26/2001 | 1847 | | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | Complete | | | | 09/26/2001 | 752 | | Complete | clm | SW 3020A |
| Manual Mercury Digestion | Complete | | | | 09/24/2001 | 1414 | | Complete | epk | SW 7470A |
| Prep, Base Neutral | Complete | | | | 09/24/2001 | 1277 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, Acid Extractable | Complete | | | | 09/24/2001 | 1277 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, TPH - 418.1 aq | Complete | | | | 09/26/2001 | 602 | | Complete | 260 | EPA 418.1 |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | Complete | | | | 09/27/2001 | | 3610 | Complete | eap | |
| Acetone | <20.0 | | | ug/L | 09/27/2001 | | 3610 | <20.0 | eap | SW 8260B |
| Benzene | <1.0 | | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| tert-Butylbenzene | <1.0 | | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| sec-Butylbenzene | <1.0 | | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| n-Butylbenzene | <1.0 | | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| Bromochloromethane | <1.0 | | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| Bromodichloromethane | <1.0 | | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| Bromoform | <1.0 | | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 707750 | SBI002:HMW11:G091801:523 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 17:10 |
| | Bromobenzene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 2-Butanone (MEK) | <12.5 | | ug/L | 09/27/2001 | | 3610 | <12.5 | eap | SW 8260B |
| | Carbon disulfide | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Carbon tetrachloride | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Chlorobenzene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Chloroethane | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| | 2-Chlorotoluene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 4-Chlorotoluene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Chloroform | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Chloromethane | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| | Dibromochloromethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Dibromomethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | cis-1,2-Dichloroethene | 4.3 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 707750 | SBI002:HMW1I:G091801:523 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 17:10 |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/27/2001 | | 3610 | <12.5 | eap | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/27/2001 | | 3610 | <12.5 | eap | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Tetrachloroethene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Trichloroethene | 16.8 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|------------|------------------------------|--------|------|-------|------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | Analyzed | Batch Number | Batch Number | | Initials | | |
| | | | | | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | 09/18/2001 17:10 |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | Vinyl Acetate | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B | |
| | Vinyl Chloride | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | Xylenes | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | d4-1,2-Dichloroethane (surr) | 109 | | % | 09/27/2001 | | 3610 | | eap | SW 8260B | |
| | Dibromofluoromethane (surr) | 104 | | % | 09/27/2001 | | 3610 | | eap | SW 8260B | |
| | d8-Toluene (surr) | 95 | | % | 09/27/2001 | | 3610 | | eap | SW 8260B | |
| | Bromofluorobenzene (surr) | 105 | | % | 09/27/2001 | | 3610 | | eap | SW 8260B | |
| | BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | | |
| | Acenaphthene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |
| | Acenaphthylene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |
| | Anthracene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |
| | Benzo(a)anthracene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |
| | Benzo(b)fluoranthene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |
| | Benzo(k)fluoranthene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |
| | Benzo(a)pyrene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |
| | Benzyl alcohol | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |
| | Benzyl butyl phthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |
| | bis(2-Chloroethyl)ether | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |
| | bis(2-Chloroethoxy)methane | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |
| | bis(2-Ethylhexyl)phthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |
| | 2,2'-oxybis(1-Chloropropane) | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |
| | 4-Bromophenyl phenyl ether | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |
| | 4-Chloroaniline | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |
| | 2-Chloronaphthalene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C | |

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | DATE ANALYZED | PREP BATCH NUMBER | RUN BATCH NUMBER | REPORTING LIMIT | ANALYST INITIALS | DATE/TIME TAKEN | METHOD REFERENCE |
|---------------------------|--------------------------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| 707750 | SBI002:HMW1I:G091801:523 | 09/27/2001 | 1277 | 2712 | <10 | jrjw | 09/18/2001 17:10 | |
| Chrysene | <10 | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Dibenzo(a,h)anthracene | <10 | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Dibenzofuran | <10 | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| 1,2-Dichlorobenzene | <10 | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| 1,3-Dichlorobenzene | <10 | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| 1,4-Dichlorobenzene | <10 | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| 3,3'-Dichlorobenzidine | <50 | ug/L | 09/27/2001 | 1277 | 2712 | <50 | jrjw | SW 8270C |
| Diethyl phthalate | <10 | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Dimethyl phthalate | <10 | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| 2,4-Dinitrotoluene | <10 | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| 2,6-Dinitrotoluene | <10 | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Di-n-octylphthalate | <10 | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Fluoranthene | <10 | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Fluorene | <10 | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Hexachlorobenzene | <10 | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Hexachloro-1,3-butadiene | <10 | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Hexachlorocyclopentadiene | <20 | ug/L | 09/27/2001 | 1277 | 2712 | <20 | jrjw | SW 8270C |
| Hexachloroethane | <10 | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Indeno(1,2,3-cd)pyrene | <10 | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Isophorone | <10 | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Naphthalene | <10 | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Nitrobenzene | <10 | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| N-Nitrosodi-n-propylamine | <10 | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Phenanthrene | <10 | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Pyrene | <10 | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| 1,2,4-Trichlorobenzene | <10 | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |

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Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|--------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707750 | SBI002:HMW1I:G091801:523 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 17:10 |
| Surrogate: d5-Nitrobenzene | | 89 | | % | 09/27/2001 | 1277 | 2712 | | jrjw | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 84 | | % | 09/27/2001 | 1277 | 2712 | | jrjw | SW 8270C |
| Surrogate: d14-Terphenyl | | 51 | | % | 09/27/2001 | 1277 | 2712 | | jrjw | SW 8270C |
| ACID COMPOUNDS (AQ) 8270 | | | | | | | | | | |
| Benzoic acid | | <50 | | ug/L | 09/27/2001 | 1277 | 2712 | <50 | jrjw | SW 8270C |
| 4-Chloro-3-methylphenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| 2-Chlorophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| 2,4-Dichlorophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| 2,4-Dimethylphenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| 2-Methylphenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| meta & para-Methylphenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| 2-Nitrophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Pentachlorophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Phenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| 2,4,5-Trichlorophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| 2,4,6-Trichlorophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Surrogate: d6-Phenol | | 69 | | % | 09/27/2001 | 1277 | 2712 | | jrjw | SW 8270C |
| Surrogate: 2-Fluorophenol | | 72 | | % | 09/27/2001 | 1277 | 2712 | | jrjw | SW 8270C |
| Surrogate: Tribromophenol | | 62 | | % | 09/27/2001 | 1277 | 2712 | | jrjw | SW 8270C |
| TPH - GRO (Aqueous) | | <1 | | mg/L | 09/21/2001 | | 85 | <1 | meb | SW 8015M |
| TPH - Method 418.1 (AQ) | | <0.2 | | mg/L | 09/27/2001 | 602 | 723 | <0.2 | 260 | EPA 418.1 |

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|---------------------------------------|--------------------------|----------|------|-------|------------|-------|-------|-----------|----------|--|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 707751 | SBI002:HMWLD:G091801:523 | | | | | | | | | |
| | | | | | | | | | | DATE/TIME TAKEN 09/18/2001 17:20 |
| ICPMS TOTAL METALS | | Complete | | | 09/28/2001 | | 2566 | Complete | ekh | SW 6020 |
| Arsenic, ICPMS | | <0.0050 | | mg/L | 09/28/2001 | 1847 | 3691 | <0.0050 | ekh | SW 6020 |
| Barium, ICPMS | | 0.0368 | | mg/L | 09/28/2001 | 1847 | 3899 | <0.0050 | ekh | SW 6020 |
| Cadmium, ICPMS | | <0.0010 | | mg/L | 09/28/2001 | 1847 | 3570 | <0.0010 | ekh | SW 6020 |
| Chromium, ICPMS (0.005) | | <0.0050 | | mg/L | 09/28/2001 | 1847 | 3970 | <0.0050 | ekh | SW 6020 |
| Lead, ICPMS | | 0.0034 | | mg/L | 09/28/2001 | 1847 | 3648 | <0.0010 | ekh | SW 6020 |
| Mercury, CVAA | | <0.0002 | | mg/L | 09/25/2001 | 1414 | 1360 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | | <0.0050 | | mg/L | 09/27/2001 | 752 | 578 | <0.0050 | lnh | SW 7740 |
| Silver, ICPMS | | <0.0005 | | mg/L | 09/28/2001 | 1847 | 3905 | <0.0005 | ekh | SW 6020 |
| Metals Digestion, ICPMS | | Complete | | | 09/26/2001 | 1847 | | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | | Complete | | | 09/26/2001 | 752 | | Complete | clm | SW 3020A |
| Manual Mercury Digestion | | Complete | | | 09/24/2001 | 1414 | | Complete | epk | SW 7470A |
| Prep, Base Neutral | | Complete | | | 09/24/2001 | 1277 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, Acid Extractable | | Complete | | | 09/24/2001 | 1277 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, TPH - 418.1 aq | | Complete | | | 09/26/2001 | 602 | | Complete | sub | EPA 418.1 |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | | Complete | | | 09/27/2001 | | 3610 | Complete | eap | |
| Acetone | | <20.0 | | ug/L | 09/27/2001 | | 3610 | <20.0 | eap | SW 8260B |
| Benzene | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| tert-Butylbenzene | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| sec-Butylbenzene | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| n-Butylbenzene | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| Bromochloromethane | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| Bromodichloromethane | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| Bromoform | | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 707751 | SBI002:HMW1D:G091801:523 | | | | | | | | | | 09/18/2001 17:20 |
| | Bromobenzene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | 2-Butanone (MEK) | <12.5 | | ug/L | 09/27/2001 | | 3610 | <12.5 | eap | SW 8260B | |
| | Carbon disulfide | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | Carbon tetrachloride | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | Chlorobenzene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | Chloroethane | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B | |
| | 2-Chlorotoluene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | 4-Chlorotoluene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | Chloroform | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | Chloromethane | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B | |
| | Dibromochloromethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | Dibromomethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B | |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | cis-1,2-Dichloroethene | 1.8 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B | |

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Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707751 | SBI002:HMW1D:G091801:523 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 17:20 |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/27/2001 | | 3610 | <12.5 | eap | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/27/2001 | | 3610 | <12.5 | eap | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Tetrachloroethene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Trichloroethene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|------------------------------|--------|------|-------|------------|--------------|--------------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch Number | Batch Number | Limit | Initials | |
| 707751 | SBI002:HMW1D:G091801:523 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 17:20 |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Vinyl Acetate | <5.0 | | ug/L | 09/27/2001 | | 3610 | <5.0 | eap | SW 8260B |
| | Vinyl Chloride | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | Xylenes | <1.0 | | ug/L | 09/27/2001 | | 3610 | <1.0 | eap | SW 8260B |
| | d4-1,2-Dichloroethane (surr) | 107 | | % | 09/27/2001 | | 3610 | | eap | SW 8260B |
| | Dibromofluoromethane (surr) | 105 | | % | 09/27/2001 | | 3610 | | eap | SW 8260B |
| | d8-Toluene (surr) | 96 | | % | 09/27/2001 | | 3610 | | eap | SW 8260B |
| | Bromofluorobenzene (surr) | 107 | | % | 09/27/2001 | | 3610 | | eap | SW 8260B |
| | BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | |
| | Acenaphthene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Acenaphthylene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Anthracene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Benzo(a)anthracene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Benzo(b)fluoranthene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Benzo(k)fluoranthene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Benzo(a)pyrene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Benzyl alcohol | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Benzyl butyl phthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | bis(2-Chloroethyl) ether | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | bis(2-Chloroethoxy)methane | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | bis(2-Ethylhexyl)phthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 2,2'-oxybis(1-Chloropropane) | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 4-Bromophenyl phenyl ether | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 4-Chloroaniline | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 2-Chloronaphthalene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method | Reference |
|---------------------------|--------------------------|--------|------|-------|------------|-------|-------|-----------|----------|--------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | | |
| 707751 | SBI002:HMWID:G091801:523 | | | | | | | | | | |
| | | | | | | | | | | | DATE/TIME TAKEN 09/18/2001 17:20 |
| Chrysene | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| Dibenzo (a, h) anthracene | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| Dibenzofuran | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| 1,2-Dichlorobenzene | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| 1,3-Dichlorobenzene | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| 1,4-Dichlorobenzene | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| 3,3'-Dichlorobenzidine | | <50 | | ug/L | 09/27/2001 | 1277 | 2705 | <50 | dmg | SW | 8270C |
| Diethyl phthalate | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| Dimethyl phthalate | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| 2,4-Dinitrotoluene | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| 2,6-Dinitrotoluene | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| Di-n-octylphthalate | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| Fluoranthene | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| Fluorene | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| Hexachlorobenzene | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| Hexachloro-1,3-butadiene | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| Hexachlorocyclopentadiene | | <20 | | ug/L | 09/27/2001 | 1277 | 2705 | <20 | dmg | SW | 8270C |
| Hexachloroethane | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| Indeno (1,2,3-cd)pyrene | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| Isophorone | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| Naphthalene | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| Nitrobenzene | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| N-Nitrosodi-n-propylamine | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| Phenanthrene | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| Pyrene | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |
| 1,2,4-Trichlorobenzene | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW | 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|-----------------------------|--------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 707751 | SBI002:HMWID:G091801:523 | | | | | | | | | | 09/18/2001 17:20 |
| Surrogate: d5-Nitrobenzene | | 75 | | † | 09/27/2001 | 1277 | 2705 | | dmg | SW 8270C | |
| Surrogate: 2-Fluorobiphenyl | | 79 | | † | 09/27/2001 | 1277 | 2705 | | dmg | SW 8270C | |
| Surrogate: d14-Terphenyl | | 48 | | † | 09/27/2001 | 1277 | 2705 | | dmg | SW 8270C | |
| ACID COMPOUNDS (AQ) 8270 | | | | | | | | | | | |
| Benzoic acid | | <50 | | ug/L | 09/27/2001 | 1277 | 2705 | <50 | dmg | SW 8270C | |
| 4-Chloro-3-methylphenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| 2-Chlorophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| 2,4-Dichlorophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| 2,4-Dimethylphenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| 2-Methyl-4,6-dinitrophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| 2-Methylphenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| meta & para-Methylphenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| 2-Nitrophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| Pentachlorophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| Phenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| 2,4,5-Trichlorophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| 2,4,6-Trichlorophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| Surrogate: d6-Phenol | | 44 | | † | 09/27/2001 | 1277 | 2705 | | dmg | SW 8270C | |
| Surrogate: 2-Fluorophenol | | 45 | | † | 09/27/2001 | 1277 | 2705 | | dmg | SW 8270C | |
| Surrogate: Tribromophenol | | 43 | | † | 09/27/2001 | 1277 | 2705 | | dmg | SW 8270C | |
| TPH - GRO (Aqueous) | | <1 | | mg/L | 09/21/2001 | | 85 | <1 | meb | SW 8015M | |
| TPH - Method 418.1 (AQ) | | <0.2 | | mg/L | 09/27/2001 | 602 | 723 | <0.2 | sub | EPA 418.1 | |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|--------------------|----------|------|-------|------------|-------|-------|-----------|----------|-------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 707752 | SBI002:TB1:091801 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | | Complete | | | 09/26/2001 | | 3603 | Complete | bmh | |
| Acetone | | <20.0 | | ug/L | 09/26/2001 | | 3603 | <20.0 | bmh | SW 8260B |
| Benzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| tert-Butylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| sec-Butylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| n-Butylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Bromochloromethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Bromodichloromethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Bromoform | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Bromobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 2-Butanone (MEK) | | <12.5 | | ug/L | 09/26/2001 | | 3603 | <12.5 | bmh | SW 8260B |
| Carbon disulfide | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Carbon tetrachloride | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Chlorobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Chloroethane | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| 2-Chlorotoluene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 4-Chlorotoluene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Chloroform | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Chloromethane | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| Dibromochloromethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Dibromomethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Dichlorodifluoromethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,2-Dibromo-3-chloropropane | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| 1,2-Dichlorobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,3-Dichlorobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 707752 | SBI002:TB1:091801 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/26/2001 | | 3603 | <12.5 | bmh | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/26/2001 | | 3603 | <12.5 | bmh | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------------------------|--------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707752 | SBI002:TB1:091801 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 |
| 1,1,2,2-Tetrachloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Tetrachloroethene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Toluene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,2,4-Trichlorobenzene | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| 1,1,1-Trichloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,1,2-Trichloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Trichloroethene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Trichlorofluoromethane | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,2,3-Trichloropropane | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| 1,2,4-Trimethylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Vinyl Acetate | | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| Vinyl Chloride | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| Xylenes | | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| d4-1,2-Dichloroethane (surr) | | 101 | | % | 09/26/2001 | | 3603 | | bmh | SW 8260B |
| Dibromofluoromethane (surr) | | 101 | | % | 09/26/2001 | | 3603 | | bmh | SW 8260B |
| d8-Toluene (surr) | | 97 | | % | 09/26/2001 | | 3603 | | bmh | SW 8260B |
| Bromofluorobenzene (surr) | | 105 | | % | 09/26/2001 | | 3603 | | bmh | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|--------------------------------|----------|------|-------|---------------|-------------------|------------------|-----------------|------------------|-----------------------------|------------------|
| | | | | | | | | | | | 09/18/2001 07:30 |
| | ICPMS TOTAL METALS | Complete | | | 09/28/2001 | | 2566 | Complete | ekh | SW 6020 | |
| | Arsenic, ICPMS | 2.14 | | mg/L | 09/28/2001 | 1847 | 3691 | <0.0050 | ekh | SW 6020 | |
| | Barium, ICPMS | 2.14 | | mg/L | 09/28/2001 | 1847 | 3899 | <0.0050 | ekh | SW 6020 | |
| | Cadmium, ICPMS | 0.0020 | | mg/L | 09/28/2001 | 1847 | 3570 | <0.0010 | ekh | SW 6020 | |
| | Chromium, ICPMS (0.005) | 0.0276 | | mg/L | 09/28/2001 | 1847 | 3970 | <0.0050 | ekh | SW 6020 | |
| | Lead, ICPMS | 0.255 | | mg/L | 09/28/2001 | 1847 | 3648 | <0.0010 | ekh | SW 6020 | |
| | Mercury, CVAA | 0.0004 | MSD | mg/L | 09/25/2001 | 1414 | 1360 | <0.0002 | epk | SW 7470A | |
| | Selenium, GFAA | <0.0050 | SSR | mg/L | 09/27/2001 | 752 | 578 | <0.0050 | lnh | SW 7740 | |
| | Silver, ICPMS | <0.0005 | | mg/L | 09/28/2001 | 1847 | 3905 | <0.0005 | ekh | SW 6020 | |
| | Metals Digestion, ICPMS | Complete | | | 09/26/2001 | 1847 | | Complete | clm | SW 3010A | |
| | Metals Digestion, GFAA | Complete | | | 09/26/2001 | 752 | | Complete | clm | SW 3020A | |
| | Manual Mercury Digestion | Complete | | | 09/24/2001 | 1414 | | Complete | epk | SW 7470A | |
| | Prep, Base Neutral | Complete | | | 09/24/2001 | 1277 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 | |
| | Prep, Acid Extractable | Complete | | | 09/24/2001 | 1277 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 | |
| | Prep, TPH - 418.1 aq | Complete | | | 09/26/2001 | 602 | | Complete | 260 | EPA 418.1 | |
| | VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| | 8260 - SW846 (AQ) | Complete | | | 09/26/2001 | | 3603 | Complete | bmh | | |
| | Acetone | <20.0 | | ug/L | 09/26/2001 | | 3603 | <20.0 | bmh | SW 8260B | |
| | Benzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | tert-Butylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | sec-Butylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | n-Butylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | Bromochloromethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | Bromodichloromethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |
| | Bromoform | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B | |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|------------|--------------|--------------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch Number | Batch Number | Limit | Initials | |
| 707863 | SBI002:19S:G091801:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 07:30 |
| | Bromobenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 2-Butanone (MEK) | <12.5 | | ug/L | 09/26/2001 | | 3603 | <12.5 | bmh | SW 8260B |
| | Carbon disulfide | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Carbon tetrachloride | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Chlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Chloroethane | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | 2-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 4-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Chloroform | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Chloromethane | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | Dibromochloromethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Dibromomethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/26/2001 | | 3603 | <5.0 | bmh | SW 8260B |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3603 | <1.0 | bmh | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 707863 | SBI002:19S:G091801:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 07:30 |
| | Cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <5.0 | bmh | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <5.0 | bmh | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/26/2001 | 3603 | 3603 | <12.5 | bmh | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <5.0 | bmh | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <5.0 | bmh | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <5.0 | bmh | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/26/2001 | 3603 | 3603 | <12.5 | bmh | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <5.0 | bmh | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B |
| | Tetrachloroethene | 185 | | | 09/27/2001 | 3607 | 3607 | <10 | bmh | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <5.0 | bmh | SW 8260B |
| | 1,1,1-Trichloroethane | 1.8 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B |
| | Trichloroethene | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <5.0 | bmh | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------------------------|------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 707863 | SBI002:19S:G091801:505 | | | | | | | | | | 09/18/2001 07:30 |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B | |
| Vinyl Acetate | | <5.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <5.0 | bmh | SW 8260B | |
| Vinyl Chloride | | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B | |
| Xylenes | | <1.0 | | ug/L | 09/26/2001 | 3603 | 3603 | <1.0 | bmh | SW 8260B | |
| d4-1,2-Dichloroethane (surr) | | 101 | | ‡ | 09/26/2001 | 3603 | 3603 | | bmh | SW 8260B | |
| Dibromofluoromethane (surr) | | 101 | | ‡ | 09/26/2001 | 3603 | 3603 | | bmh | SW 8260B | |
| d8-Toluene (surr) | | 96 | | ‡ | 09/26/2001 | 3603 | 3603 | | bmh | SW 8260B | |
| Bromofluorobenzene (surr) | | 102 | | ‡ | 09/26/2001 | 3603 | 3603 | | bmh | SW 8260B | |
| BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | | | |
| Acenaphthene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| Acenaphthylene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| Anthracene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| Benzo(a)anthracene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| Benzo(b)fluoranthene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| Benzo(k)fluoranthene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| Benzo(a)pyrene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| Benzyl alcohol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| Benzyl butyl phthalate | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| bis(2-Chloroethyl)ether | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| bis(2-Chloroethoxy)methane | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| bis(2-Ethylhexyl)phthalate | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| 2,2'-oxybis(1-Chloropropane) | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| 4-Bromophenyl phenyl ether | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| 4-Chloroaniline | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| 2-Chloronaphthalene | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|-----------------------------|--------------------|--------|------|-------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | 09/18/2001 07:30 |
| Surrogate: d5-Nitrobenzene | | 82 | | † | 09/26/2001 | 1277 | 2705 | | dmg | SW 8270C | |
| Surrogate: 2-Fluorobiphenyl | | 91 | | † | 09/26/2001 | 1277 | 2705 | | dmg | SW 8270C | |
| Surrogate: d14-Terphenyl | | 71 | | † | 09/26/2001 | 1277 | 2705 | | dmg | SW 8270C | |
| ACID COMPOUNDS (AQ) 8270 | | | | | | | | | | | |
| Benzoic acid | | <50 | | ug/L | 09/26/2001 | 1277 | 2705 | <50 | dmg | SW 8270C | |
| 4-Chloro-3-methylphenol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| 2-Chlorophenol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| 2,4-Dichlorophenol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| 2,4-Dimethylphenol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| 2-Methyl-4,6-dinitrophenol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| 2-Methylphenol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| meta & para-Methylphenol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| 2-Nitrophenol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| Pentachlorophenol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| Phenol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| 2,4,5-Trichlorophenol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| 2,4,6-Trichlorophenol | | <10 | | ug/L | 09/26/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | |
| Surrogate: d6-Phenol | | 53 | | † | 09/26/2001 | 1277 | 2705 | | dmg | SW 8270C | |
| Surrogate: 2-Fluorophenol | | 52 | | † | 09/26/2001 | 1277 | 2705 | | dmg | SW 8270C | |
| Surrogate: Tribromophenol | | 27 | | † | 09/26/2001 | 1277 | 2705 | | dmg | SW 8270C | |
| TPH - Method 418.1 (AQ) | | <0.2 | | mg/L | 09/27/2001 | 602 | 723 | <0.2 | 260 | EPA 418.1 | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------------------------|-------------------------|----------|------|-------|------------|--------------|--------------|-----------|----------|-----------------------------|
| | | | | | Analyzed | Batch Number | Batch Number | Limit | Initials | |
| | | | | | | | | | | DATE/TIME TAKEN |
| 707965 | SBI002:19S:G091801D:505 | | | | | | | | | 09/18/2001 07:30 |
| ICPMS TOTAL METALS | | Complete | | | 09/28/2001 | | 2566 | Complete | ekh | SW 6020 |
| Arsenic, ICPMS | | 2.86 | | mg/L | 09/28/2001 | 1847 | 3691 | <0.0050 | ekh | SW 6020 |
| Barium, ICPMS | | 3.10 | | mg/L | 09/28/2001 | 1847 | 3899 | <0.0050 | ekh | SW 6020 |
| Cadmium, ICPMS | | 0.0033 | | mg/L | 09/28/2001 | 1847 | 3570 | <0.0010 | ekh | SW 6020 |
| Chromium, ICPMS (0.005) | | 0.0400 | | mg/L | 09/28/2001 | 1847 | 3970 | <0.0050 | ekh | SW 6020 |
| Lead, ICPMS | | 0.359 | | mg/L | 09/25/2001 | 1847 | 3648 | <0.0010 | ekh | SW 6020 |
| Mercury, CVAA | | 0.0006 | | mg/L | 09/25/2001 | 1414 | 1360 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | | 0.006 | | mg/L | 09/27/2001 | 752 | 578 | <0.0050 | lnh | SW 7740 |
| Silver, ICPMS | | <0.0005 | | mg/L | 09/28/2001 | 1847 | 3905 | <0.0005 | ekh | SW 6020 |
| Metals Digestion, ICPMS | | Complete | | | 09/26/2001 | 1847 | | Complete | jdm | SW 3010A |
| Metals Digestion, GFAA | | Complete | | | 09/26/2001 | 752 | | Complete | clm | SW 3020A |
| Manual Mercury Digestion | | Complete | | | 09/24/2001 | 1414 | | Complete | epk | SW 7470A |
| Prep, Base Neutral | | Complete | | | 09/24/2001 | 1277 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, Acid Extractable | | Complete | | | 09/24/2001 | 1277 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, TPH - 418.1 aq | | Complete | | | 09/26/2001 | 602 | | Complete | 260 | EPA 418.1 |
| BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | | |
| Acenaphthene | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Acenaphthylene | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Anthracene | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Benzo(a)anthracene | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Benzo(b)fluoranthene | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Benzo(k)fluoranthene | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Benzo(a)pyrene | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Benzyl alcohol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Benzyl butyl phthalate | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|------------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 707965 | SBI002:19S:G091801D:505 | | | | | | | | | | 09/18/2001 07:30 |
| | bis(2-Chloroethyl)ether | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | bis(2-Chloroethoxy)methane | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | bis(2-Ethylhexyl)phthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | 2,2'-oxybis(1-Chloropropane) | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | 4-Bromophenyl phenyl ether | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | 4-Chloroaniline | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | 2-Chloronaphthalene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | Chrysene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | Dibenzo(a,h)anthracene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | Dibenzofuran | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | 1,2-Dichlorobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | 1,3-Dichlorobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | 1,4-Dichlorobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | 3,3'-Dichlorobenzidine | <50 | | ug/L | 09/27/2001 | 1277 | 2712 | <50 | jrw | SW 8270C | |
| | Diethyl phthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | Dimethyl phthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | 2,4-Dinitrotoluene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | 2,6-Dinitrotoluene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | Di-n-octylphthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | Fluoranthene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | Fluorene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | Hexachlorobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | Hexachloro-1,3-butadiene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | Hexachlorocyclopentadiene | <20 | | ug/L | 09/27/2001 | 1277 | 2712 | <20 | jrw | SW 8270C | |
| | Hexachloroethane | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| | Indeno(1,2,3-cd)pyrene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 707965 | SBI002:19S:G091801D:505 | | | | | | | | | DATE/TIME TAKEN 09/18/2001 07:30 |
| | Sophorone | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | Naphthalene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | Nitrobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | N-Nitrosodi-n-propylamine | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | Phenanthrene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | Pyrene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | 1,2,4-Trichlorobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | Surrogate: d5-Nitrobenzene | 101 | | % | 09/27/2001 | 1277 | 2712 | | jrw | SW 8270C |
| | Surrogate: 2-Fluorobiphenyl | 87 | | % | 09/27/2001 | 1277 | 2712 | | jrw | SW 8270C |
| | Surrogate: d14-Terphenyl | 67 | | % | 09/27/2001 | 1277 | 2712 | | jrw | SW 8270C |
| | ACID COMPOUNDS (AQ) 8270 | | | | | | | | | |
| | Benzoic acid | <50 | | ug/L | 09/27/2001 | 1277 | 2712 | <50 | jrw | SW 8270C |
| | 4-Chloro-3-methylphenol | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | 2-Chlorophenol | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | 2,4-Dichlorophenol | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | 2,4-Dimethylphenol | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | 2-Methyl-4,6-dinitrophenol | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | 2-Methylphenol | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | meta & para-Methylphenol | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | 2-Nitrophenol | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | Pentachlorophenol | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | Phenol | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | 2,4,5-Trichlorophenol | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | 2,4,6-Trichlorophenol | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | Surrogate: d6-Phenol | 74 | | % | 09/27/2001 | 1277 | 2712 | | jrw | SW 8270C |

TestAmerica, Incorporated

PAGE 125 of 127

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|---------------------------|--------|------|-------|------------|-------|-------|-----------|----------|------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 707965 | SBI002:19S:G091801D:505 | | | | | | | | | |
| | | | | | 09/27/2001 | 1277 | 2712 | | jrw | SW 8270C |
| | Surrogate: 2-Fluorophenol | 72 | | μ | 09/27/2001 | 1277 | 2712 | | jrw | SW 8270C |
| | Surrogate: Tribromophenol | 33 | | μ | 09/27/2001 | 602 | 723 | <0.2 | 260 | EPA 418.1 |
| | TPH - Method 418.1 (AQ) | <0.2 | | mg/L | 09/27/2001 | | | | | |

QUALITY CONTROL FLAG DEFINITIONS

Job Number: 01.17192

(*) Indicates an out-of-control QC. The analytical data was reported based on other supporting quality control information.

(Note) Indicates to review the notes and comments section of the analytical report as there is additional information concerning this analytical result.

(MS) Indicates that the Matrix Spike (MS) was out of statistical advisory limits.

(MSD) Indicates that the Matrix Spike Duplicate (MSD) was out of statistical advisory limits.

(RPD) Indicates that the Relative Percent Difference (RPD) for the MS/MSD pair was outside of statistical advisory limits.

(SS) Indicates that the MS and MSD were out of statistical advisory limits.

(SSR) Indicates that the MS, MSD and RPD were out of statistical advisory limits.

(MSR) Indicates that the MS and RPD were out of statistical advisory limits.

(MSDR) Indicates that the MSD and RPD were out of statistical advisory limits.

(DL) Indicates that the MS and MSD were diluted out and the percent recoveries of the spikes could not be calculated.

(LS) Indicates that statistical accuracy and precision data is not available for spike concentrations which are $< 1/4$ of the sample amount. Care should be used in interpreting this data.

(J) Indicates estimated concentration due to internal standard areas or surrogate recoveries outside of control limits. A sample matrix effect is usually indicated.

(DW) Indicates Dry Weight.

Analytical Reporting Limits

The reporting limits listed for non-aqueous samples in the analytical report section are Practical Quantitation Limits (PQLs). These PQLs are based upon a typical standard weight used for a non-aqueous sample. The reporting limit for a sample may be different from the PQL listed depending upon the actual weight of sample used, the samples moisture content and any dilutions used during the analysis.

TestAmerica, Incorporated

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NOTES AND COMMENTS

TestAmerica Job Number: 1.17192

Sample Number: 707747

Analysis: 8270 BNA

Recoveries of surrogates 2-fluorophenol and 2,4,6-tribromophenol were below recommended levels.

61.M192

PAGE ___ OF ___

NO. 5383

CHAIN OF CUSTODY RECORD

Hull & Associates, Inc.

Dublin
 6730 Wilcox Road
 Dublin, Ohio 43016
 Phone: (614)385-8777
 FAX: (614)385-9070

Toledo
 3401 Glendale Avenue
 SUITE 300
 Toledo, Ohio 43614
 Phone: (419)385-2018
 FAX: (419)385-5489

Mason
 4700 Duke Drive, Suite 172
 Mason, Ohio 45040
 Phone: (513)459-9677
 FAX: (513)459-9869

Warrensleville Heights
 4949 Galaxy Parkway, Suite S
 Warrensville Heights, Ohio 44128
 Phone: (216)514-7100
 FAX: (216)514-7104

REPORT TO: Kevin Wildman

Client: Spauth Bend

Site: Area A

Project#: SBID02 Phase: DLIST

Samplers: Martha Yong

| PRESERVATIVES | ANALYSES |
|---------------|----------|
| U | A |
| C | A |
| A | A |
| X | A |
| X | B |

SAMPLE TYPES
 AIR
 A ASBESTOS
 C SEDIMENT
 D GROUNDWATER
 P PRODUCT
 S SOIL
 W WATER
 Z OTHERS
 All samples are kept at 4°C.

| PROJECT NO. | SAMPLE LOCATION | SAMPLE TYPE | SAMPLER ID | NO. OF METALS CONT. | SAMPLING DATE/TIME | COMMENTS |
|-------------|-----------------|-------------|------------|---------------------|--------------------|----------|
| SBID02 | MW2B5 | G091801 | : 505 | 3 | 9-18-01 8:50 | X |
| SBID02 | MW2AD | G091801 | : 505 | 3 | 9-18-01 8:40 | X |
| SBID02 | HMW12D | G091801 | : 505 | 3 | 9-18-01 8:30 | X |
| SBID02 | HMW11D | G091801 | : 505 | 3 | 9-18-01 8:20 | X |
| SBID02 | HMW11E | G091801 | : 505 | 3 | 9-18-01 8:10 | X |
| SBID02 | MW24D | G091801 | : 505 | 3 | 9-18-01 8:00 | X |
| SBID02 | HMW23D | G091801 | : 505 | 3 | 9-18-01 7:50 | X |
| SBID02 | HMW11E | G091801 | : 505 | 3 | 9-18-01 7:40 | X |
| SBID02 | HMW105 | G091801 | : 505 | 5 | 9-18-01 11:40 | X |

| | |
|---------------------------------|---------------|
| RECEIVED BY: <u>Fed Ex</u> | DATE: 9-18-01 |
| RECEIVED BY: | TIME: 19-00 |
| RECEIVED FOR LAB BY: <u>DAM</u> | DATE: 9-19-01 |
| | TIME: 10-00 |

DISTRIBUTION:
 WHITE - LAB USE (MUST BE RETURNED WITH REPORT)
 PINK - RETAINED BY HAZ

Deliver To: Test America
 Method of Delivery: Fed Ex
 Airbill Number:
 NOTES: Check Temp From TB1

TURN AROUND TIME: STD DAYS

*Received (not extra bottles)
 - Didnt receive Pb
 G-CO/metals.

01.17.19 707727-823
75

PAGE ___ OF ___
NO. 5381

CHAIN OF CUSTODY RECORD

Hull & Associates, Inc.

Dublin
6950 Wilcox Road
Dublin, Ohio 43016
Phone: (614)385-8777
FAX: (614)385-8070

Toledo
3401 Glendale Avenue
SUITE 300
Toledo, Ohio 43614
Phone: (419)385-2018
FAX: (419)385-5489

Mason
4700 Duke Drive, Suite 172
Mason, Ohio 45040
Phone: (513)459-9677
FAX: (513)459-9869

Warrensville Heights
4949 Galaxy Parkway, Suite S
Warrensville Heights, Ohio 44128
Phone: (216)514-7100
FAX: (216)514-7104

REPORT TO: Kevin W. Idman
Client: South Bend
Site: Area A
Project#: SBID02 Phase: 01-TS1
Samplers: Matt Young

ANALYSES

PRESERVATIVES

SAMPLE TYPES
A AIR
B ASBESTOS
C SEDIMENT
D GROUNDWATER
E PRODUCT
F SOIL
G WATER
H OTHERS

PRESERVATIVES
A - Cool only, <4° C
B - HNO₃ pH<2
C - H₂SO₄ pH<2
D - NaOH pH>12
E - Zn Acetate + NaOH, pH>9
F - Na₂S₂O₅ (0.008%)
G - HCl pH<2

METALS
F - FILTERED
N - NOT FILTERED
B - BOTH

All samples are kept at 4°C.

| PROJECT NO. | SAMPLE LOCATION | SAMPLE TYPE | SAMPLER ID | NO. OF METALS CONT. | SAMPLING DATE/TIME | ANALYSES | COMMENTS |
|-------------|-----------------|-------------|------------|---------------------|--------------------|----------|-------------------------------|
| SBID02 | HMW16B: G091801 | | : SDS | 6 | 9-18-01 6:15 | X X X | |
| SBID02 | MW11S: G091801 | | : SDS | 6 | 9-18-01 6:20 | X X X | |
| SBID02 | MW11D: G091801 | | : SDS | 6 | 9-18-01 6:25 | X X X | |
| SBID02 | HMW19D: G091801 | | : SDS | 3 | 9-18-01 6:30 | X | |
| SBID02 | MW15D: G091801 | | : SDS | 3 | 9-18-01 6:35 | X | |
| SBID02 | MW23S: G091801 | | : SDS | 5 | 9-18-01 7:00 | X X X | |
| SBID02 | MW23S: G091801 | | : SDS | 5 | 9-18-01 7:05 | X X X | |
| SBID02 | MW23D: G091801 | | : SDS | 5 | 9-18-01 7:10 | X X X | |
| SBID02 | TB1 | | : SDS | 3 | 9-18-01 | X | |
| SBID02 | 19S | | : SDS | 6 | 9-18-01 7:50 | X X X | |
| SBID02 | 19S | | : SDS | 6 | 9-18-01 7:30 | X X X | |
| | | | | | | | extra sample for matrix spike |

RECEIVED BY: Matt Young DATE: 9-18-01 TIME: 7:00
RECEIVED BY: Fed Ex DATE: 9-18-01 TIME: 7:00
RECEIVED BY: DATE: TIME:
RECEIVED FOR LAB BY: MAN DATE: 9-19-01 TIME: 10:00

Deliver To: Rec. Test America
Method of Delivery:
Airbill Number:
NOTES: Check Temp From TB1

TURN AROUND TIME: STD DAYS

DISTRIBUTION:
WHITE --LAB USE (MUST BE RETURNED WITH REPORT)
YELLOW --LAB USE
PINK --RETAINED BY IAA

COOLER TEMPERATURE AS RECEIVED °C: 4

CHAIN OF CUSTODY RECORD

PAGE _____ OF _____

NO. **5397**

Hull & Associates, Inc.

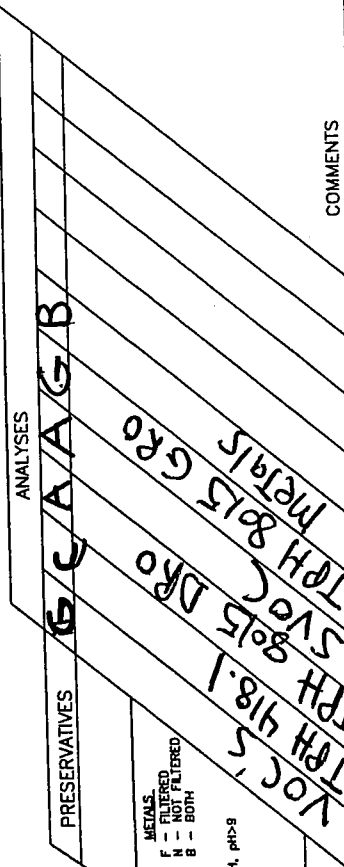
Dublin
 6190 Wilcox Road
 Dublin, Ohio 43016
 Phone: (614)385-8777
 FAX: (614)385-9070

Toledo
 3401 Clevelander Avenue
 Suite 200
 Toledo, Ohio 43614
 Phone: (419)385-2018
 FAX: (419)385-5489

Mason
 4700 Duke Drive, Suite 172
 Mason, Ohio 45040
 Phone: (513)459-9877
 FAX: (513)459-9869

Warrensburg, Heights
 4949 Galaxy Parkway, Suite S
 Warrensville Heights, Ohio 44128
 Phone: (216)514-7100
 FAX: (216)514-7104

REPORT TO: Kevin Wiseman
 Client: South Bend
 Site: Area A
 Project#: SBI002 Phase: Q1-TST
 Samplers: Sam Heath



- SAMPLE TYPES**
 A - AIR
 C - ASBESTOS
 D - SEDIMENT
 G - GROUNDWATER
 P - PRODUCT
 S - SOIL
 W - WATER
 Z - OTHERS
- PRESERVATIVES**
 A - Cool only, <4°C
 B - HNO₃, pH<2
 C - H₂SO₄, pH<2
 D - NaOH, pH>12
 E - ZnAcetate + NaOH, pH>9
 F - Na₂S₂O₅ (0.008%)
 G - HCl, pH<2
- METALS**
 F - NOT FILTERED
 B - BOTH
- All samples are kept at 4°C.

| PROJECT NO. | SAMPLE LOCATION | SAMPLE TYPE | SAMPLER ID | NO. OF METALS CONT. | SAMPLING DATE/TIME | ANALYSES | COMMENTS |
|-------------|-----------------|-------------|------------|---------------------|--------------------|--|----------|
| SBI002 | HMWIS: G091801 | | 523 | 6 | 9-18-01 1545 | TPH 418.1 X TPH 815 DRO X SVOCS GRO X Metals X TPH 815 GRO X | |
| SBI002 | HMWIS: G091801 | | 523 | 6 | 9-18-01 1600 | TPH 418.1 X TPH 815 DRO X SVOCS GRO X Metals X TPH 815 GRO X | |
| SBI002 | HMWIS: G091801 | | 523 | 8 | 9-18-01 1700 | TPH 418.1 X TPH 815 DRO X SVOCS GRO X Metals X TPH 815 GRO X | |
| SBI002 | HMWIS: G091801 | | 523 | 8 | 9-18-01 1716 | TPH 418.1 X TPH 815 DRO X SVOCS GRO X Metals X TPH 815 GRO X | |
| SBI002 | HMWIS: G091801 | | 523 | 8 | 9-18-01 1726 | TPH 418.1 X TPH 815 DRO X SVOCS GRO X Metals X TPH 815 GRO X | |
| : | : | : | : | : | : | | |
| : | : | : | : | : | : | | |
| : | : | : | : | : | : | | |
| : | : | : | : | : | : | | |
| : | : | : | : | : | : | | |
| : | : | : | : | : | : | | |
| : | : | : | : | : | : | | |
| : | : | : | : | : | : | | |

RELINQUISHED BY: Sam Heath DATE: 9-18-01 TIME: 18:25

RELINQUISHED BY: Matt Young DATE: 9-18-01 TIME: 19:00

RECEIVED FOR LAB BY: RAM DATE: 9-19-01 TIME: 10:00

RECEIVED BY: Matt Young DATE: 9-18-01 TIME: 18:25

RECEIVED BY: Med. Ex DATE: 9-18-01 TIME: 19:00

RECEIVED FOR LAB BY: RAM DATE: 9-19-01 TIME: 10:00

Deliver To: Test America
 Method of Delivery: Fed Ex
 Airbill Number: _____
 NOTES: _____

TURN AROUND TIME: STD DAYS

DISTRIBUTION:
 WHITE --- LAB USE (MUST BE RETURNED WITH REPORT)
 YELLOW --- LAB USE
 PINK --- RETAINED BY IAH

COOLER TEMPERATURE AS RECEIVED °C: 4

SBI002

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17192

Enclosed is the analytical report for the following samples submitted to the Dayton Division of TestAmerica, Inc. for analysis:

| <u>Sample Number</u> | <u>Sample Description</u> | <u>Date Taken</u> | <u>Date Received</u> |
|----------------------|----------------------------|-------------------|----------------------|
| 707729 | SBI002:MW28S:G091801:505 | 09/18/2001 | 09/19/2001 |
| 707730 | SBI002:MW28D:G091801:505 | 09/18/2001 | 09/19/2001 |
| 707731 | SBI002:HMW12D:G091801:505 | 09/18/2001 | 09/19/2001 |
| 707732 | SBI002:HMW11D:G091801:505 | 09/18/2001 | 09/19/2001 |
| 707733 | SBI002:HMW11I:G091801:505 | 09/18/2001 | 09/19/2001 |
| 707734 | SBI002:HMW11I:G091801D:505 | 09/18/2001 | 09/19/2001 |
| 707735 | SBI002:MW24D:G091801:505 | 09/18/2001 | 09/19/2001 |
| 707736 | SBI002:HMW23D:G091801:505 | 09/18/2001 | 09/19/2001 |
| 707737 | SBI002:FB1:W091801:505 | 09/18/2001 | 09/19/2001 |
| 707738 | SBI002:HMW10S:G091801:505 | 09/18/2001 | 09/19/2001 |
| 707739 | SBI002:HMW16D:G091801:505 | 09/18/2001 | 09/19/2001 |
| 707740 | SBI002:MW11S:G091801:505 | 09/18/2001 | 09/19/2001 |
| 707741 | SBI002:MW11D:G091801:505 | 09/18/2001 | 09/19/2001 |
| 707742 | SBI002:HMW19D:G091801:505 | 09/18/2001 | 09/19/2001 |
| 707743 | SBI002:MW15D:G091801:505 | 09/18/2001 | 09/19/2001 |
| 707744 | SBI002:HMW23S:G091801:505 | 09/18/2001 | 09/19/2001 |
| 707745 | SBI002:MW23S:G091801:505 | 09/18/2001 | 09/19/2001 |
| 707746 | SBI002:MW23D:G091801:505 | 09/18/2001 | 09/19/2001 |
| 707747 | SBI002:HMW13S:G091801:523 | 09/18/2001 | 09/19/2001 |
| 707748 | SBI002:HMW2S:G091801:523 | 09/18/2001 | 09/19/2001 |

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Reproduction of this analytical report is permitted only in its entirety.

Enclosure


Approved By

SBI002

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001
Job Number: 01.17466

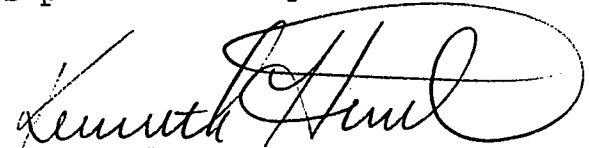
Enclosed is the analytical report for the following samples submitted to the Dayton Division of TestAmerica, Inc. for analysis:

| <u>Sample Number</u> | <u>Sample Description</u> | <u>Date Taken</u> | <u>Date Received</u> |
|----------------------|----------------------------|-------------------|----------------------|
| 708665 | SBI002:HMW25S:G091901:523 | 09/19/2001 | 09/21/2001 |
| 708666 | SBI002:HMW26S:G091901:523 | 09/19/2001 | 09/21/2001 |
| 708667 | SBI002:MW13S:G091901:523 | 09/19/2001 | 09/21/2001 |
| 708668 | SBI002:HMW13D:G091901:523 | 09/19/2001 | 09/21/2001 |
| 708669 | SBI002:MW13D:G091901:523 | 09/19/2001 | 09/21/2001 |
| 708670 | SBI002:HMW14S:G091901:523 | 09/19/2001 | 09/21/2001 |
| 708671 | SBI002:HMW14S:G091901D:523 | 09/19/2001 | 09/21/2001 |
| 708672 | SBI002:HMW15S:G091901:523 | 09/19/2001 | 09/21/2001 |
| 708673 | SBI002:HMW15D:G091901:523 | 09/19/2001 | 09/21/2001 |
| 708674 | SBI002:HMW27S:G091901:523 | 09/19/2001 | 09/21/2001 |
| 708675 | SBI002:HMW18S:G091901:523 | 09/19/2001 | 09/21/2001 |
| 708676 | SBI002:HMW34S:G091901:523 | 09/19/2001 | 09/21/2001 |

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Reproduction of this analytical report is permitted only in its entirety.

Enclosure


Approved By

TestAmerica, Incorporated

PAGE 2 of 61

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|---------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708665 | SBI002:HMW25S:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 07:25 |
| ICPMS TOTAL METALS | Complete | | | | 10/04/2001 | | 2586 | Complete | ekh | SW 6020 |
| Arsenic, ICPMS | 0.647 | mg/L | | | 10/04/2001 | 1851 | 3719 | <0.0050 | ekh | SW 6020 |
| Barium, ICPMS | 7.03 | mg/L | | | 10/04/2001 | 1851 | 3927 | <0.0050 | ekh | SW 6020 |
| Cadmium, ICPMS | <0.20 | mg/L | | | 10/04/2001 | 1851 | 3598 | <0.20 | ekh | SW 6020 |
| Chromium, ICPMS (0.005) | 0.224 | mg/L | | | 10/04/2001 | 1851 | 3997 | <0.0050 | ekh | SW 6020 |
| Lead, ICPMS | 1.41 | mg/L | | | 10/04/2001 | 1851 | 3676 | <0.0010 | ekh | SW 6020 |
| Mercury, CVAA | 0.0023 | mg/L | | | 09/26/2001 | 1417 | 1364 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | <0.0050 | mg/L | | | 09/28/2001 | 754 | 579 | <0.0050 | lnh | SW 7740 |
| Silver, ICPMS | <0.010 | mg/L | | | 10/04/2001 | 1851 | 3933 | <0.010 | ekh | SW 6020 |
| Metals Digestion, ICPMS | Complete | | | | 09/27/2001 | 1851 | | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | Complete | | | | 09/26/2001 | 754 | | Complete | mrt | SW 3020A |
| Manual Mercury Digestion | Complete | | | | 09/25/2001 | 1417 | | Complete | epk | SW 7470A |
| Prep, Base Neutral | Complete | | | | 09/26/2001 | 1279 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, Acid Extractable | Complete | | | | 09/26/2001 | 1279 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | Complete | | | | 09/25/2001 | | 3604 | Complete | dmg | |
| Acetone | <20.0 | ug/L | | | 09/25/2001 | | 3604 | <20.0 | dmg | SW 8260B |
| Benzene | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| tert-Butylbenzene | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| sec-Butylbenzene | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| n-Butylbenzene | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Bromochloromethane | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Bromodichloromethane | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Bromoform | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Bromobenzene | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 708665 | SBI002:HMW25S:G091901:523 | | | | | | | | | | 09/19/2001 07:25 |
| | 4-Butanone (MEK) | <12.5 | | ug/L | 09/25/2001 | | 3604 | <12.5 | dmg | SW 8260B | |
| | Carbon disulfide | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| | Carbon tetrachloride | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| | Chlorobenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| | Chloroethane | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B | |
| | 2-Chlorotoluene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| | 4-Chlorotoluene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| | Chloroform | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| | Chloromethane | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B | |
| | Dibromochloromethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| | Dibromomethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B | |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|------------|-------|-------|-----------|---------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | | Limit | |
| 708665 | SBI002:HMW25S:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 07:25 |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/25/2001 | | 3604 | <12.5 | dmg | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/25/2001 | | 3604 | <12.5 | dmg | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Tetrachloroethene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | 1,1,1-Trichloroethane | 2.4 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Trichloroethene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|------------------------------|--------|------|-------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | 09/19/2001 07:25 |
| 708665 | SBI002:HMW25S:G091901:523 | | | | | | | | | | |
| | Vinyl Acetate | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B | |
| | Vinyl Chloride | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| | Xylenes | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| | d4-1,2-Dichloroethane (surr) | 101 | | % | 09/25/2001 | | 3604 | | dmg | SW 8260B | |
| | Dibromofluoromethane (surr) | 96 | | % | 09/25/2001 | | 3604 | | dmg | SW 8260B | |
| | d8-Toluene (surr) | 99 | | % | 09/25/2001 | | 3604 | | dmg | SW 8260B | |
| | Bromofluorobenzene (surr) | 104 | | % | 09/25/2001 | | 3604 | | dmg | SW 8260B | |
| | BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | | |
| | Acenaphthene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Acenaphthylene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Anthracene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Benzo (a) anthracene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Benzo (b) fluoranthene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Benzo (k) fluoranthene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Benzo (a) pyrene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Benzyl alcohol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Benzyl butyl phthalate | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | bis(2-Chloroethyl) ether | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | bis(2-Chloroethoxy) methane | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | bis(2-Ethylhexyl) phthalate | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 2,2'-oxybis(1-Chloropropane) | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 4-Bromophenyl phenyl ether | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 4-Chloroaniline | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 2-Chloronaphthalene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Chrysene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 708665 | SBI002:HMW25S:G091901:523 | | | | | | | | | | 09/19/2001 07:25 |
| | Dibenzo (a,h)anthracene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Dibenzofuran | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 1,2-Dichlorobenzene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 1,3-Dichlorobenzene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 1,4-Dichlorobenzene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 3,3'-Dichlorobenzidine | <50 | | ug/L | 09/28/2001 | 1279 | 2710 | <50 | jcs | SW 8270C | |
| | Diethyl phthalate | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Dimethyl phthalate | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 2,4-Dinitrotoluene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 2,6-Dinitrotoluene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Di-n-octylphthalate | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Fluoranthene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Fluorene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Hexachlorobenzene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Hexachloro-1,3-butadiene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Hexachlorocyclopentadiene | <20 | | ug/L | 09/28/2001 | 1279 | 2710 | <20 | jcs | SW 8270C | |
| | Hexachloroethane | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Indeno (1,2,3-cd)pyrene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Isophorone | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Naphthalene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Nitrobenzene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | N-Nitrosodi-n-propylamine | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Phenanthrene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Pyrene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 1,2,4-Trichlorobenzene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Surrogate: d5-Nitrobenzene | 73 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|---------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708665 | SBI002:HMW25S:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 07:25 |
| Surrogate: 2-Fluorobiphenyl | | 73 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C |
| Surrogate: d14-Terphenyl | | 54 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C |
| ACID COMPOUNDS (AQ) 8270 | | | | | | | | | | |
| Benzoic acid | | <50 | | ug/L | 09/28/2001 | 1279 | 2710 | <50 | jcs | SW 8270C |
| 4-Chloro-3-methylphenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2-Chlorophenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2,4-Dichlorophenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2,4-Dimethylphenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2-Methylphenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| meta & para-Methylphenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2-Nitrophenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Pentachlorophenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Phenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2,4,5-Trichlorophenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2,4,6-Trichlorophenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Surrogate: d6-Phenol | | 43 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C |
| Surrogate: 2-Fluorophenol | | 32 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C |
| Surrogate: Tribromophenol | | 18 | note | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C |
| TPH - GRO (Aqueous) | | <1 | | mg/L | 10/02/2001 | | 86 | <1 | meh | SW 8015M |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|---------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708666 | SBI002:HMW26S:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 07:55 |
| ICPMS TOTAL METALS | Complete | | | | 10/04/2001 | | 2586 | Complete | ekh | SW 6020 |
| Arsenic, ICPMS | 0.112 | mg/L | | | 10/03/2001 | 1851 | 3715 | <0.0050 | kmb | SW 6020 |
| Barium, ICPMS | 0.240 | mg/L | | | 10/04/2001 | 1851 | 3927 | <0.0050 | ekh | SW 6020 |
| Cadmium, ICPMS | 0.0010 | mg/L | | | 10/03/2001 | 1851 | 3594 | <0.0010 | kmb | SW 6020 |
| Chromium, ICPMS (0.005) | 0.0332 | mg/L | | | 10/04/2001 | 1851 | 3997 | <0.0050 | ekh | SW 6020 |
| Lead, ICPMS | 0.127 | mg/L | | | 10/03/2001 | 1851 | 3672 | <0.0010 | kmb | SW 6020 |
| Mercury, CVAA | <0.0002 | mg/L | | | 09/26/2001 | 1417 | 1363 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | <0.0050 | mg/L | | | 09/28/2001 | 754 | 579 | <0.0050 | lnh | SW 7740 |
| Silver, ICPMS | <0.0005 | mg/L | | | 10/03/2001 | 1851 | 3929 | <0.0005 | kmb | SW 6020 |
| Metals Digestion, ICPMS | Complete | | | | 09/27/2001 | 1851 | | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | Complete | | | | 09/26/2001 | 754 | | Complete | mrt | SW 3020A |
| Manual Mercury Digestion | Complete | | | | 09/25/2001 | 1417 | | Complete | epk | SW 7470A |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | Complete | | | | 09/25/2001 | | 3604 | Complete | dmg | |
| Acetone | <20.0 | ug/L | | | 09/25/2001 | | 3604 | <20.0 | dmg | SW 8260B |
| Benzene | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| tert-Butylbenzene | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| sec-Butylbenzene | 2.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| n-Butylbenzene | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Bromochloromethane | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Bromodichloromethane | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Bromoform | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Bromobenzene | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| 2-Butanone (MEK) | <12.5 | ug/L | | | 09/25/2001 | | 3604 | <12.5 | dmg | SW 8260B |
| Carbon disulfide | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 708666 | SBI002:HMW26S:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 07:55 |
| | Carbon tetrachloride | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Chlorobenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Chloroethane | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | 2-Chlorotoluene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 4-Chlorotoluene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Chloroform | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Chloromethane | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | Dibromochloromethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Dibromomethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|------------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 708666 | SBI002:HMW26S:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 07:55 |
| | xylenes | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | d4-1,2-Dichloroethane (surr) | 101 | | % | 09/25/2001 | | 3604 | | dmg | SW 8260B |
| | Dibromofluoromethane (surr) | 98 | | % | 09/25/2001 | | 3604 | | dmg | SW 8260B |
| | d8-Toluene (surr) | 100 | | % | 09/25/2001 | | 3604 | | dmg | SW 8260B |
| | Bromofluorobenzene (surr) | 100 | | % | 09/25/2001 | | 3604 | | dmg | SW 8260B |
| | TPH - GRO (Aqueous) | <1 | | mg/L | 10/02/2001 | | 86 | <1 | meb | SW 8015M |

SAMPLE NO. 708667 **SAMPLE DESCRIPTION** SBI002:MW13S:G091901:523 **DATE/TIME TAKEN** 09/19/2001 12:40

| | | | | | | | | | | |
|--------------------------|----------|--|------|--|------------|------|------|----------|-----|----------|
| ICPMS TOTAL METALS | Complete | | | | 10/04/2001 | | 2586 | Complete | ekh | SW 6020 |
| Arsenic, ICPMS | <0.0050 | | mg/L | | 10/03/2001 | 1851 | 3715 | <0.0050 | kmb | SW 6020 |
| Barium, ICPMS | 0.0578 | | mg/L | | 10/04/2001 | 1851 | 3927 | <0.0050 | ekh | SW 6020 |
| Cadmium, ICPMS | <0.0010 | | mg/L | | 10/03/2001 | 1851 | 3594 | <0.0010 | kmb | SW 6020 |
| Chromium, ICPMS (0.005) | <0.0050 | | mg/L | | 10/03/2001 | 1851 | 3992 | <0.0050 | kmb | SW 6020 |
| Lead, ICPMS | 0.0015 | | mg/L | | 10/03/2001 | 1851 | 3672 | <0.0010 | kmb | SW 6020 |
| Mercury, CVAA | <0.0002 | | mg/L | | 09/26/2001 | 1417 | 1363 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | <0.0050 | | mg/L | | 09/28/2001 | 754 | 579 | <0.0050 | lnh | SW 7740 |
| Silver, ICPMS | <0.0005 | | mg/L | | 10/03/2001 | 1851 | 3929 | <0.0005 | kmb | SW 6020 |
| Metals Digestion, ICPMS | Complete | | | | 09/27/2001 | 1851 | | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | Complete | | | | 09/26/2001 | 754 | | Complete | mrt | SW 3020A |
| Manual Mercury Digestion | Complete | | | | 09/25/2001 | 1417 | | Complete | epk | SW 7470A |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|--------------------------------|--------------------------|----------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 708667 | SBI002:MW13S:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 12:40 |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | | Complete | | | 09/25/2001 | | 3604 | Complete | dmg | |
| Acetone | | <20.0 | | ug/L | 09/25/2001 | | 3604 | <20.0 | dmg | SW 8260B |
| Benzene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| tert-Butylbenzene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| sec-Butylbenzene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| n-Butylbenzene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Bromochloromethane | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Bromodichloromethane | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Bromoform | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Bromobenzene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| 2-Butanone (MEK) | | <12.5 | | ug/L | 09/25/2001 | | 3604 | <12.5 | dmg | SW 8260B |
| Carbon disulfide | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Carbon tetrachloride | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Chlorobenzene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Chloroethane | | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| 2-Chlorotoluene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| 4-Chlorotoluene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Chloroform | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Chloromethane | | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| Dibromochloromethane | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Dibromomethane | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Dichlorodifluoromethane | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| 1,2-Dibromo-3-chloropropane | | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| 1,2-Dichlorobenzene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| 1,3-Dichlorobenzene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 708667 | SBI002:MW13S:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 12:40 |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/25/2001 | | 3604 | <12.5 | dmg | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/25/2001 | | 3604 | <12.5 | dmg | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|---------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708668 | SBI002:HMW13D:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 12:50 |
| ICPMS TOTAL METALS | Complete | | | | 10/04/2001 | | 2586 | Complete | ekh | SW 6020 |
| Arsenic, ICPMS | <0.0050 | mg/L | | | 10/03/2001 | 1851 | 3715 | <0.0050 | kmb | SW 6020 |
| Barium, ICPMS | 0.138 | mg/L | | | 10/04/2001 | 1851 | 3927 | <0.0050 | ekh | SW 6020 |
| Cadmium, ICPMS | <0.0010 | mg/L | | | 10/03/2001 | 1851 | 3594 | <0.0010 | kmb | SW 6020 |
| Chromium, ICPMS (0.005) | <0.0050 | mg/L | | | 10/03/2001 | 1851 | 3992 | <0.0050 | kmb | SW 6020 |
| Lead, ICPMS | 0.0077 | mg/L | | | 10/03/2001 | 1851 | 3672 | <0.0010 | kmb | SW 6020 |
| Mercury, CVAA | <0.0002 | mg/L | | | 09/26/2001 | 1417 | 1363 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | <0.0050 | mg/L | | | 09/28/2001 | 754 | 579 | <0.0050 | lnh | SW 7740 |
| Silver, ICPMS | <0.0005 | mg/L | | | 10/03/2001 | 1851 | 3929 | <0.0005 | kmb | SW 6020 |
| Metals Digestion, ICPMS | Complete | | | | 09/27/2001 | 1851 | | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | Complete | | | | 09/26/2001 | 754 | | Complete | mrt | SW 3020A |
| Manual Mercury Digestion | Complete | | | | 09/25/2001 | 1417 | | Complete | epk | SW 7470A |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | Complete | | | | 09/25/2001 | | 3604 | Complete | dmg | |
| Acetone | <20.0 | ug/L | | | 09/25/2001 | | 3604 | <20.0 | dmg | SW 8260B |
| Benzene | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| tert-Butylbenzene | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| sec-Butylbenzene | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| n-Butylbenzene | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Bromochloromethane | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Bromodichloromethane | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Bromoform | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Bromobenzene | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| 2-Butanone (MEK) | <12.5 | ug/L | | | 09/25/2001 | | 3604 | <12.5 | dmg | SW 8260B |
| Carbon disulfide | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708668 | SBI002:HMW13D:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 12:50 |
| | Carbon tetrachloride | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Chlorobenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Chloroethane | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | 2-Chlorotoluene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 4-Chlorotoluene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Chloroform | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Chloromethane | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | Dibromochloromethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Dibromomethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | cis-1,2-Dichloroethene | 8.9 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | trans-1,2-Dichloroethene | 8.1 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708668 | SBI002:HMW13D:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 12:50 |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/25/2001 | | 3604 | <12.5 | dmg | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/25/2001 | | 3604 | <12.5 | dmg | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Tetrachloroethene | 290 | | ug/L | 09/25/2001 | | 3604 | <10 | dmg | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Trichloroethene | 386 | | ug/L | 09/25/2001 | | 3604 | <10 | dmg | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Vinyl Acetate | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | Vinyl Chloride | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|------------------------------|----------|------|-------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | DATE/TIME TAKEN |
| 708668 | SBI002:HMW13D:G091901:523 | | | | | | | | | | 09/19/2001 12:50 |
| | Xylenes | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| | d4-1,2-Dichloroethane (surr) | 103 | | % | 09/25/2001 | | 3604 | | dmg | SW 8260B | |
| | Dibromofluoromethane (surr) | 100 | | % | 09/25/2001 | | 3604 | | dmg | SW 8260B | |
| | d8-Toluene (surr) | 99 | | % | 09/25/2001 | | 3604 | | dmg | SW 8260B | |
| | Bromofluorobenzene (surr) | 108 | | % | 09/25/2001 | | 3604 | | dmg | SW 8260B | |
| 708669 | SBI002:MW13D:G091901:523 | | | | | | | | | | 09/19/2001 13:00 |
| | ICPMS TOTAL METALS | Complete | | | 10/04/2001 | | 2586 | Complete | ekh | SW 6020 | |
| | Arsenic, ICPMS | <0.0050 | | mg/L | 10/03/2001 | 1851 | 3715 | <0.0050 | kmb | SW 6020 | |
| | Barium, ICPMS | 0.0752 | | mg/L | 10/04/2001 | 1851 | 3927 | <0.0050 | ekh | SW 6020 | |
| | Cadmium, ICPMS | <0.0010 | | mg/L | 10/03/2001 | 1851 | 3594 | <0.0010 | kmb | SW 6020 | |
| | Chromium, ICPMS (0.005) | <0.0050 | | mg/L | 10/03/2001 | 1851 | 3992 | <0.0050 | kmb | SW 6020 | |
| | Lead, ICPMS | 0.0040 | | mg/L | 10/03/2001 | 1851 | 3672 | <0.0010 | kmb | SW 6020 | |
| | Mercury, CVAA | <0.0002 | | mg/L | 09/26/2001 | 1417 | 1363 | <0.0002 | epk | SW 7470A | |
| | Selenium, GFAA | <0.0050 | | mg/L | 09/28/2001 | 754 | 579 | <0.0050 | lnh | SW 7740 | |
| | Silver, ICPMS | <0.0005 | | mg/L | 10/03/2001 | 1851 | 3929 | <0.0005 | kmb | SW 6020 | |
| | Metals Digestion, ICPMS | Complete | | | 09/27/2001 | 1851 | | Complete | clm | SW 3010A | |
| | Metals Digestion, GFAA | Complete | | | 09/26/2001 | 754 | | Complete | mrt | SW 3020A | |
| | Manual Mercury Digestion | Complete | | | 09/25/2001 | 1417 | | Complete | epk | SW 7470A | |

VOLATILE COMPOUNDS - 8260 (AQ)

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|--------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708669 | SBI002:MW13D:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 13:00 |
| 8260 - SW846 (AQ) | Complete | | | | 09/25/2001 | | 3604 | Complete | dmg | |
| Acetone | <20.0 | ug/L | | | 09/25/2001 | | 3604 | <20.0 | dmg | SW 8260B |
| Benzene | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| tert-Butylbenzene | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| sec-Butylbenzene | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| n-Butylbenzene | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Bromochloromethane | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Bromodichloromethane | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Bromoform | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Bromobenzene | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| 2-Butanone (MEK) | <12.5 | ug/L | | | 09/25/2001 | | 3604 | <12.5 | dmg | SW 8260B |
| Carbon disulfide | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Carbon tetrachloride | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Chlorobenzene | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Chloroethane | <5.0 | ug/L | | | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| 2-Chlorotoluene | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| 4-Chlorotoluene | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Chloroform | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Chloromethane | <5.0 | ug/L | | | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| Dibromochloromethane | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Dibromomethane | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Dichlorodifluoromethane | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| 1,2-Dibromo-3-chloropropane | <5.0 | ug/L | | | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| 1,2-Dichlorobenzene | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| 1,3-Dichlorobenzene | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| 1,4-Dichlorobenzene | <1.0 | ug/L | | | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708669 | SBI002:MW13D:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 13:00 |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/25/2001 | | 3604 | <12.5 | dmg | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/25/2001 | | 3604 | <12.5 | dmg | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|------------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 708669 | SBI002:MW13D:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 13:00 |
| | Tetrachloroethene | 143 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Trichloroethene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Vinyl Acetate | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | Vinyl Chloride | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Xylenes | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | d4-1,2-Dichloroethane (surr) | 101 | | % | 09/25/2001 | | 3604 | | dmg | SW 8260B |
| | Dibromofluoromethane (surr) | 100 | | % | 09/25/2001 | | 3604 | | dmg | SW 8260B |
| | d8-Toluene (surr) | 102 | | % | 09/25/2001 | | 3604 | | dmg | SW 8260B |
| | Bromofluorobenzene (surr) | 99 | | % | 09/25/2001 | | 3604 | | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|--------------------------------|---------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 708670 | SBI002:HMW14S:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 11:45 |
| Prep, Base Neutral | Complete | | | | 09/26/2001 | 1279 | | Complete | rec | EPA 625 ; SW 3510C ; S |
| Prep, Acid Extractable | Complete | | | | 09/26/2001 | 1279 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, PCBs Aqueous 8082 | Complete | | | | 09/25/2001 | 69 | | Complete | eap | SW 3510C; SW 3520C |
| Prep, TPH - 418.1 aq | Complete | | | | 09/28/2001 | 605 | | Complete | 260 | EPA 418.1 |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | Complete | | | | 09/25/2001 | | 3604 | Complete | dmg | |
| Acetone | <20.0 | | | ug/L | 09/25/2001 | | 3604 | <20.0 | dmg | SW 8260B |
| Benzene | <1.0 | | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| tert-Butylbenzene | <1.0 | | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| sec-Butylbenzene | <1.0 | | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| n-Butylbenzene | <1.0 | | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Bromochloromethane | <1.0 | | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Bromodichloromethane | <1.0 | | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Bromoform | <1.0 | | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Bromobenzene | <1.0 | | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| 2-Butanone (MEK) | <12.5 | | | ug/L | 09/25/2001 | | 3604 | <12.5 | dmg | SW 8260B |
| Carbon disulfide | <1.0 | | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Carbon tetrachloride | <1.0 | | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Chlorobenzene | <1.0 | | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Chloroethane | <5.0 | | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| 2-Chlorotoluene | <1.0 | | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| 4-Chlorotoluene | <1.0 | | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Chloroform | <1.0 | | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Chloromethane | <5.0 | | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| Dibromochloromethane | <1.0 | | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 708670 | SBI002:HMW14S:G091901:523 | | | | | | | | | | 09/19/2001 11:45 |
| | Dibromomethane | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B | |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B | |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <5.0 | dmg | SW 8260B | |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B | |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B | |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B | |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B | |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B | |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B | |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B | |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B | |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B | |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B | |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B | |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B | |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B | |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B | |
| | Ethylbenzene | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B | |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <5.0 | dmg | SW 8260B | |
| | n-Hexane | <5.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <5.0 | dmg | SW 8260B | |
| | 2-Hexanone | <12.5 | | ug/L | 09/25/2001 | 3604 | 3604 | <12.5 | dmg | SW 8260B | |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B | |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B | |
| | Bromomethane | <5.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <5.0 | dmg | SW 8260B | |
| | Methylene Chloride | <5.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <5.0 | dmg | SW 8260B | |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <5.0 | dmg | SW 8260B | |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|------------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 708670 | SBI002:HMW14S:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 11:45 |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/25/2001 | | 3604 | <12.5 | dmg | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Tetrachloroethene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Trichloroethene | 2.5 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Vinyl Acetate | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | Vinyl Chloride | 4.1 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Xylenes | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | d4-1,2-Dichloroethane (surr) | 102 | | % | 09/25/2001 | | 3604 | | dmg | SW 8260B |
| | Dibromofluoromethane (surr) | 99 | | % | 09/25/2001 | | 3604 | | dmg | SW 8260B |
| | d8-Toluene (surr) | 100 | | % | 09/25/2001 | | 3604 | | dmg | SW 8260B |
| | Bromofluorobenzene (surr) | 100 | | % | 09/25/2001 | | 3604 | | dmg | SW 8260B |
| | BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | |
| | Acenaphthene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------|-------------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 708670 | SBI002:HMW14S:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 11:45 |
| | Benaphthylene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Anthracene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Benzo (a) anthracene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Benzo (b) fluoranthene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Benzo (k) fluoranthene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Benzo (a) pyrene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Benzyl alcohol | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Benzyl butyl phthalate | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | bis (2-Chloroethyl) ether | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | bis (2-Chloroethoxy) methane | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | bis (2-Ethylhexyl) phthalate | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 2,2'-oxybis (1-Chloropropane) | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 4-Bromophenyl phenyl ether | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 4-Chloroaniline | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 2-Chloronaphthalene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Chrysene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Dibenzo (a,h) anthracene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Dibenzofuran | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 1,2-Dichlorobenzene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 1,3-Dichlorobenzene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 1,4-Dichlorobenzene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 3,3'-Dichlorobenzidine | <50 | | ug/L | 09/29/2001 | 1279 | 2710 | <50 | jcs | SW 8270C |
| | Diethyl phthalate | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Dimethyl phthalate | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 2,4-Dinitrotoluene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 2,6-Dinitrotoluene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 708670 | SBI002:HMW14S:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 11:45 |
| | Di-n-octylphthalate | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Fluoranthene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Fluorene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Hexachlorobenzene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Hexachloro-1,3-butadiene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Hexachlorocyclopentadiene | <20 | | ug/L | 09/29/2001 | 1279 | 2710 | <20 | jcs | SW 8270C |
| | Hexachloroethane | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Indeno(1,2,3-cd)pyrene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Isophorone | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Naphthalene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Nitrobenzene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | N-Nitrosodi-n-propylamine | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Phenanthrene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Pyrene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 1,2,4-Trichlorobenzene | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Surrogate: d5-Nitrobenzene | 92 | | † | 09/29/2001 | 1279 | 2710 | | jcs | SW 8270C |
| | Surrogate: 2-Fluorobiphenyl | 93 | | † | 09/29/2001 | 1279 | 2710 | | jcs | SW 8270C |
| | Surrogate: d14-Terphenyl | 60 | | † | 09/29/2001 | 1279 | 2710 | | jcs | SW 8270C |
| | ACID COMPOUNDS (AQ) 8270 | | | | | | | | | |
| | Benzoic acid | <50 | | ug/L | 09/29/2001 | 1279 | 2710 | <50 | jcs | SW 8270C |
| | 4-Chloro-3-methylphenol | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 2-Chlorophenol | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 2,4-Dichlorophenol | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 2,4-Dimethylphenol | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 2-Methyl-4,6-dinitrophenol | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Analyst | Limit | Initials | Method Reference |
|------------|---------------------------|--------|------|-------|---------------|--------------|--------------|-------------------|-------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 708670 | SBI002:HMW14S:G091901:523 | | | | | | | | | | DATE/TIME TAKEN 09/19/2001 11:45 |
| | Methylphenol | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | jcs | <10 | jcs | SW 8270C |
| | meta & para-Methylphenol | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | jcs | <10 | jcs | SW 8270C |
| | 2-Nitrophenol | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | jcs | <10 | jcs | SW 8270C |
| | Pentachlorophenol | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | jcs | <10 | jcs | SW 8270C |
| | Phenol | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | jcs | <10 | jcs | SW 8270C |
| | 2,4,5-Trichlorophenol | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | jcs | <10 | jcs | SW 8270C |
| | 2,4,6-Trichlorophenol | <10 | | ug/L | 09/29/2001 | 1279 | 2710 | jcs | <10 | jcs | SW 8270C |
| | Surrogate: d6-Phenol | 74 | | % | 09/29/2001 | 1279 | 2710 | jcs | | jcs | SW 8270C |
| | Surrogate: 2-Fluorophenol | 69 | | % | 09/29/2001 | 1279 | 2710 | jcs | | jcs | SW 8270C |
| | Surrogate: Tribromophenol | 73 | | % | 09/29/2001 | 1279 | 2710 | jcs | | jcs | SW 8270C |
| | PCB's M 8082: Aqueous | | | | | | | | | | |
| | Aroclor 1016 | <0.20 | | ug/L | 09/28/2001 | 69 | 128 | mrbr | <0.20 | mrbr | SW 8082 |
| | Aroclor 1221 | <0.20 | | ug/L | 09/28/2001 | 69 | 128 | mrbr | <0.20 | mrbr | SW 8082 |
| | Aroclor 1232 | <0.20 | | ug/L | 09/28/2001 | 69 | 128 | mrbr | <0.20 | mrbr | SW 8082 |
| | Aroclor 1242 | <0.20 | | ug/L | 09/28/2001 | 69 | 128 | mrbr | <0.20 | mrbr | SW 8082 |
| | Aroclor 1248 | <0.20 | | ug/L | 09/28/2001 | 69 | 128 | mrbr | <0.20 | mrbr | SW 8082 |
| | Aroclor 1254 | <0.20 | | ug/L | 09/28/2001 | 69 | 128 | mrbr | <0.20 | mrbr | SW 8082 |
| | Aroclor 1260 | <0.20 | | ug/L | 09/28/2001 | 69 | 128 | mrbr | <0.20 | mrbr | SW 8082 |
| | Surrogate:DCB/TCX | 61/35 | | % | 09/28/2001 | 69 | 128 | mrbr | | mrbr | SW 8082 |
| | TPH - Method 418.1 (AQ) | <0.2 | | mg/L | 09/28/2001 | 605 | 726 | 260 | <0.2 | 260 | EPA 418.1 |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|--------------------------------|----------------------------|----------|------|-------|---------------|--------------|--------------|-----------------|------------------|--------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 708671 | SBI002:HMW14S:G091901D:523 | | | | | | | | | | 09/19/2001 11:45 |
| Prep, PCBs Aqueous 8082 | | Complete | | | 09/25/2001 | 69 | | Complete | eap | SW 3510C; SW 3520C | |
| Prep, TPH - 418.1 aq | | Complete | | | 09/28/2001 | 605 | | Complete | 260 | EPA 418.1 | |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | | |
| 8260 - SW846 (AQ) | | Complete | | | 09/25/2001 | | 3604 | Complete | dmg | | |
| Acetone | | <20.0 | | ug/L | 09/25/2001 | | 3604 | <20.0 | dmg | SW 8260B | |
| Benzene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| tert-Butylbenzene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| sec-Butylbenzene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| n-Butylbenzene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| Bromochloromethane | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| Bromodichloromethane | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| Bromoform | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| Bromobenzene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| 2-Butanone (MEK) | | <12.5 | | ug/L | 09/25/2001 | | 3604 | <12.5 | dmg | SW 8260B | |
| Carbon disulfide | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| Carbon tetrachloride | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| Chlorobenzene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| Chloroethane | | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B | |
| 2-Chlorotoluene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| 4-Chlorotoluene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| Chloroform | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| Chloromethane | | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B | |
| Dibromochloromethane | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| Dibromomethane | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| Dichlorodifluoromethane | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 708671 | SBI002:HMW14S:G091901D:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 11:45 |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/25/2001 | | 3604 | <12.5 | dmg | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/25/2001 | | 3604 | <12.5 | dmg | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method | Reference |
|------------------------------|----------------------------|--------|------|-------|------------|-------|-------|-----------|----------|--------|------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | | |
| 708671 | SBI002:HMW14S:G091901D:523 | | | | | | | | | | |
| | | | | | | | | | | | DATE/TIME TAKEN |
| | | | | | | | | | | | 09/19/2001 11:45 |
| Styrene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW | 8260B |
| Naphthalene | | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW | 8260B |
| 1,1,1,2-Tetrachloroethane | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW | 8260B |
| 1,1,2,2-Tetrachloroethane | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW | 8260B |
| Tetrachloroethene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW | 8260B |
| Toluene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW | 8260B |
| 1,2,4-Trichlorobenzene | | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW | 8260B |
| 1,1,1-Trichloroethane | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW | 8260B |
| 1,1,2-Trichloroethane | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW | 8260B |
| Trichloroethene | | 2.6 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW | 8260B |
| Trichlorofluoromethane | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW | 8260B |
| 1,2,3-Trichloropropane | | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW | 8260B |
| 1,2,4-Trimethylbenzene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW | 8260B |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW | 8260B |
| Vinyl Acetate | | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW | 8260B |
| Vinyl Chloride | | 4.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW | 8260B |
| Xylenes | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW | 8260B |
| d4-1,2-Dichloroethane (surr) | | 103 | | † | 09/25/2001 | | 3604 | | dmg | SW | 8260B |
| Dibromofluoromethane (surr) | | 100 | | † | 09/25/2001 | | 3604 | | dmg | SW | 8260B |
| d8-Toluene (surr) | | 98 | | † | 09/25/2001 | | 3604 | | dmg | SW | 8260B |
| Bromofluorobenzene (surr) | | 100 | | † | 09/25/2001 | | 3604 | | dmg | SW | 8260B |
| PCB's M 8082. Aqueous | | | | | | | | | | | |
| Aroclor 1016 | | <0.20 | | ug/L | 09/28/2001 | 69 | 128 | <0.20 | mr | SW | 8082 |
| Aroclor 1221 | | <0.20 | | ug/L | 09/28/2001 | 69 | 128 | <0.20 | mr | SW | 8082 |
| Aroclor 1232 | | <0.20 | | ug/L | 09/28/2001 | 69 | 128 | <0.20 | mr | SW | 8082 |
| Aroclor 1242 | | <0.20 | | ug/L | 09/28/2001 | 69 | 128 | <0.20 | mr | SW | 8082 |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-------------------------|----------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | | Initials | |
| 708671 | SBI002:HMW14S:G091901D:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 11:45 |
| Aroclor 1248 | | <0.20 | | ug/L | 09/28/2001 | 69 | 128 | <0.20 | mrh | SW 8082 |
| Aroclor 1254 | | <0.20 | | ug/L | 09/28/2001 | 69 | 128 | <0.20 | mrh | SW 8082 |
| Aroclor 1260 | | <0.20 | | ug/L | 09/28/2001 | 69 | 128 | <0.20 | mrh | SW 8082 |
| Surrogate:DCB/TCX | | 62/39 | | % | 09/28/2001 | 69 | 128 | | mrh | SW 8082 |
| TPH - Method 418.1 (AQ) | | <0.2 | | mg/L | 09/28/2001 | 605 | 726 | <0.2 | 260 | EPA 418.1 |

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|---------------------------|----------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | | Initials | |
| 708672 | SBI002:HMW15S:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 10:40 |
| Prep, Base Neutral | | Complete | | | 09/26/2001 | 1279 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, Acid Extractable | | Complete | | | 09/26/2001 | 1279 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, TPH - 418.1 aq | | Complete | | | 09/28/2001 | 605 | | Complete | 260 | EPA 418.1 |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | | Complete | | | 09/25/2001 | | 3604 | Complete | dmg | |
| Acetone | | <20.0 | | ug/L | 09/25/2001 | | 3604 | <20.0 | dmg | SW 8260B |
| Benzene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| tert-Butylbenzene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| sec-Butylbenzene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| n-Butylbenzene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Bromochloromethane | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Bromodichloromethane | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Bromoform | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 708672 | SBI002:HMW15S:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 10:40 |
| | Bromobenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 2-Butanone (MEK) | <12.5 | | ug/L | 09/25/2001 | | 3604 | <12.5 | dmg | SW 8260B |
| | Carbon disulfide | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Carbon tetrachloride | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Chlorobenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Chloroethane | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | 2-Chlorotoluene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 4-Chlorotoluene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Chloroform | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Chloromethane | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | Dibromochloromethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Dibromomethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 708672 | SBI002:HMW15S:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 10:40 |
| | 3-1,3-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <5.0 | dmg | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <5.0 | dmg | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/25/2001 | 3604 | 3604 | <12.5 | dmg | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <5.0 | dmg | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <5.0 | dmg | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <5.0 | dmg | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/25/2001 | 3604 | 3604 | <12.5 | dmg | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <5.0 | dmg | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B |
| | Tetrachloroethene | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <5.0 | dmg | SW 8260B |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B |
| | Trichloroethene | 7.4 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <5.0 | dmg | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------------------------|---------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 708672 | SBI002:HMW15S:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 10:40 |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B |
| Vinyl Acetate | | <5.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <5.0 | dmg | SW 8260B |
| Vinyl Chloride | | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B |
| Xylenes | | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B |
| d4-1,2-Dichloroethane (surr) | | 102 | | † | 09/25/2001 | 3604 | 3604 | | dmg | SW 8260B |
| Dibromofluoromethane (surr) | | 102 | | † | 09/25/2001 | 3604 | 3604 | | dmg | SW 8260B |
| d8-Toluene (surr) | | 99 | | † | 09/25/2001 | 3604 | 3604 | | dmg | SW 8260B |
| Bromofluorobenzene (surr) | | 103 | | † | 09/25/2001 | 3604 | 3604 | | dmg | SW 8260B |
| BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | | |
| Acenaphthene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Acenaphthylene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Anthracene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Benzo(a)anthracene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Benzo(b)fluoranthene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Benzo(k)fluoranthene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Benzo(a)pyrene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Benzyl alcohol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Benzyl butyl phthalate | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| bis(2-Chloroethyl) ether | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| bis(2-Chloroethoxy)methane | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| bis(2-Ethylhexyl)phthalate | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2,2'-oxybis(1-Chloropropane) | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 4-Bromophenyl phenyl ether | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 4-Chloroaniline | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2-Chloronaphthalene | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|---------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708672 | SBI002:HMW15S:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 10:40 |
| | Chrysene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Dibenzo(a,h)anthracene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Dibenzofuran | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 1,2-Dichlorobenzene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 1,3-Dichlorobenzene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 1,4-Dichlorobenzene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 3,3'-Dichlorobenzidine | <50 | | ug/L | 09/28/2001 | 1279 | 2710 | <50 | jcs | SW 8270C |
| | Diethyl phthalate | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Dimethyl phthalate | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 2,4-Dinitrotoluene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 2,6-Dinitrotoluene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Di-n-octylphthalate | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Fluoranthene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Fluorene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Hexachlorobenzene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Hexachloro-1,3-butadiene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Hexachlorocyclopentadiene | <20 | | ug/L | 09/28/2001 | 1279 | 2710 | <20 | jcs | SW 8270C |
| | Hexachloroethane | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Indeno(1,2,3-cd)pyrene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Isophorone | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Naphthalene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Nitrobenzene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | N-Nitrosodi-n-propylamine | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Phenanthrene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Pyrene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 1,2,4-Trichlorobenzene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|---------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708672 | SBI002:HMW15S:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 10:40 |
| Surrogate: d5-Nitrobenzene | | 76 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 79 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C |
| Surrogate: d14-Terphenyl | | 49 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C |
| ACID COMPOUNDS (AQ) 8270 | | | | | | | | | | |
| Benzoic acid | | <50 | | ug/L | 09/28/2001 | 1279 | 2710 | <50 | jcs | SW 8270C |
| 4-Chloro-3-methylphenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2-Chlorophenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2,4-Dichlorophenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2,4-Dimethylphenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2-Methylphenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| meta & para-Methylphenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2-Nitrophenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Pentachlorophenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Phenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2,4,5-Trichlorophenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2,4,6-Trichlorophenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Surrogate: d6-Phenol | | 59 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C |
| Surrogate: 2-Fluorophenol | | 58 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C |
| Surrogate: Tribromophenol | | 63 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C |
| TPH - Method 418.1 (AQ) | | <0.2 | | mg/L | 09/28/2001 | 605 | 726 | <0.2 | 260 | EPA 418.1 |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|--------------------------------|---------------------------|----------|------|-------|---------------|--------------|--------------|-----------------|----------|-----------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 708673 | SBI002:HMW15D:G091901:523 | | | | | | | | | |
| | Prep, Base Neutral | Complete | | | 09/26/2001 | 1279 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| | Prep, Acid Extractable | Complete | | | 09/26/2001 | 1279 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| | Prep, TPH - 418.1 aq | Complete | | | 09/28/2001 | 605 | | Complete | 260 | EPA 418.1 |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| | 8260 - SW846 (AQ) | Complete | | | 09/25/2001 | | 3604 | Complete | dmg | |
| | Acetone | <20.0 | | ug/L | 09/25/2001 | | 3604 | <20.0 | dmg | SW 8260B |
| | Benzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | tert-Butylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | sec-Butylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | n-Butylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Bromochloromethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Bromodichloromethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Bromoform | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Bromobenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 2-Butanone (MEK) | <12.5 | | ug/L | 09/25/2001 | | 3604 | <12.5 | dmg | SW 8260B |
| | Carbon disulfide | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Carbon tetrachloride | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Chlorobenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Chloroethane | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | 2-Chlorotoluene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 4-Chlorotoluene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Chloroform | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Chloromethane | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | Dibromochloromethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Dibromomethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 708673 | SBI002:HMW15D:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 10:48 |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/25/2001 | 3604 | | <1.0 | dmg | SW 8260B |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/25/2001 | 3604 | | <5.0 | dmg | SW 8260B |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/25/2001 | 3604 | | <1.0 | dmg | SW 8260B |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/25/2001 | 3604 | | <1.0 | dmg | SW 8260B |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/25/2001 | 3604 | | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/25/2001 | 3604 | | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/25/2001 | 3604 | | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | 3604 | | <1.0 | dmg | SW 8260B |
| | cis-1,2-Dichloroethene | 2.7 | | ug/L | 09/25/2001 | 3604 | | <1.0 | dmg | SW 8260B |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | 3604 | | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | 3604 | | <1.0 | dmg | SW 8260B |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | 3604 | | <1.0 | dmg | SW 8260B |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | 3604 | | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | 3604 | | <1.0 | dmg | SW 8260B |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | 3604 | | <1.0 | dmg | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | 3604 | | <1.0 | dmg | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/25/2001 | 3604 | | <1.0 | dmg | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/25/2001 | 3604 | | <5.0 | dmg | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 09/25/2001 | 3604 | | <5.0 | dmg | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/25/2001 | 3604 | | <12.5 | dmg | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/25/2001 | 3604 | | <1.0 | dmg | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/25/2001 | 3604 | | <1.0 | dmg | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/25/2001 | 3604 | | <5.0 | dmg | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/25/2001 | 3604 | | <5.0 | dmg | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/25/2001 | 3604 | | <5.0 | dmg | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/25/2001 | 3604 | | <12.5 | dmg | SW 8260B |

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|------------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708673 | SBI002:HMW15D:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 10:48 |
| | n-Propylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Tetrachloroethene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Trichloroethene | 6.5 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Vinyl Acetate | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | Vinyl Chloride | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Xylenes | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | d4-1,2-Dichloroethane (surr) | 103 | | % | 09/25/2001 | | 3604 | | dmg | SW 8260B |
| | Dibromofluoromethane (surr) | 102 | | % | 09/25/2001 | | 3604 | | dmg | SW 8260B |
| | d8-Toluene (surr) | 100 | | % | 09/25/2001 | | 3604 | | dmg | SW 8260B |
| | Bromofluorobenzene (surr) | 102 | | % | 09/25/2001 | | 3604 | | dmg | SW 8260B |
| | BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | |
| | Acenaphthene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Acenaphthylene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-------------------------------|--------|------|-------|------------|--------------|--------------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch Number | Batch Number | Limit | Initials | |
| 708673 | SBI002:HMW15D:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 10:48 |
| | Anthracene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Benzo (a) anthracene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Benzo (b) fluoranthene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Benzo (k) fluoranthene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Benzo (a) pyrene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Benzyl alcohol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Benzyl butyl phthalate | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | bis (2-Chloroethyl) ether | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | bis (2-Chloroethoxy) methane | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | bis (2-Ethylhexyl) phthalate | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 2,2'-oxybis (1-Chloropropane) | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 4-Bromophenyl phenyl ether | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 4-Chloroaniline | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 2-Chloronaphthalene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Chrysene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Dibenzo (a, h) anthracene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Dibenzofuran | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 1,2-Dichlorobenzene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 1,3-Dichlorobenzene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 1,4-Dichlorobenzene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 3,3'-Dichlorobenzidine | <50 | | ug/L | 09/28/2001 | 1279 | 2710 | <50 | jcs | SW 8270C |
| | Diethyl phthalate | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Dimethyl phthalate | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 2,4-Dinitrotoluene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 2,6-Dinitrotoluene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Di-n-octylphthalate | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 708673 | SBI002:HMW15D:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 10:48 |
| | Fluoranthene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Fluorene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Hexachlorobenzene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Hexachloro-1,3-butadiene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Hexachlorocyclopentadiene | <20 | | ug/L | 09/28/2001 | 1279 | 2710 | <20 | jcs | SW 8270C |
| | Hexachloroethane | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Indeno(1,2,3-cd)pyrene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Isophorone | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Naphthalene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Nitrobenzene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | N-Nitrosodi-n-propylamine | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Phenanthrene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Pyrene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 1,2,4-Trichlorobenzene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Surrogate: d5-Nitrobenzene | 89 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C |
| | Surrogate: 2-Fluorobiphenyl | 89 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C |
| | Surrogate: d14-Terphenyl | 68 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C |
| | ACID COMPOUNDS (AQ) 8270 | | | | | | | | | |
| | Benzoic acid | <50 | | ug/L | 09/28/2001 | 1279 | 2710 | <50 | jcs | SW 8270C |
| | 4-Chloro-3-methylphenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 2-Chlorophenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 2,4-Dichlorophenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 2,4-Dimethylphenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 2-Methyl-4,6-dinitrophenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 2-Methylphenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

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10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|---------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 708673 | SBI002:HMW15D:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 10:48 |
| | meta & para-Methylphenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 2-Nitrophenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Pentachlorophenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Phenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 2,4,5-Trichlorophenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 2,4,6-Trichlorophenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Surrogate: d6-Phenol | 64 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C |
| | Surrogate: 2-Fluorophenol | 71 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C |
| | Surrogate: Tribromophenol | 80 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C |
| | TPH - Method 418.1 (AQ) | <0.2 | | mg/L | 09/28/2001 | 605 | 726 | <0.2 | 260 | EPA 418.1 |

| SAMPLE NO. | SAMPLE DESCRIPTION | | | | | | | | | DATE/TIME TAKEN |
|------------|---------------------------|----------|--|------|------------|------|------|----------|-----|------------------|
| 708674 | SBI002:HMW27S:G091901:523 | | | | | | | | | 09/19/2001 08:20 |
| | ICPMS TOTAL METALS | Complete | | | 10/04/2001 | | 2586 | Complete | ekh | SW 6020 |
| | Arsenic, ICPMS | 0.144 | | mg/L | 10/03/2001 | 1851 | 3715 | <0.0050 | kmb | SW 6020 |
| | Barium, ICPMS | 0.783 | | mg/L | 10/04/2001 | 1851 | 3927 | <0.0050 | ekh | SW 6020 |
| | Cadmium, ICPMS | 0.0033 | | mg/L | 10/03/2001 | 1851 | 3594 | <0.0010 | kmb | SW 6020 |
| | Chromium, ICPMS (0.005) | 0.0400 | | mg/L | 10/03/2001 | 1851 | 3992 | <0.0050 | kmb | SW 6020 |
| | Lead, ICPMS | 0.240 | | mg/L | 10/03/2001 | 1851 | 3672 | <0.0010 | kmb | SW 6020 |
| | Mercury, CVAA | 0.0003 | | mg/L | 09/26/2001 | 1417 | 1363 | <0.0002 | epk | SW 7470A |
| | Selenium, GFAA | <0.0050 | | mg/L | 09/28/2001 | 754 | 579 | <0.0050 | lnh | SW 7740 |
| | Silver, ICPMS | <0.0005 | | mg/L | 10/03/2001 | 1851 | 3929 | <0.0005 | kmb | SW 6020 |

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|--------------------------------|---------------------------|----------|------|-------|---------------|--------------|--------------|-----------------|----------|-----------------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 708674 | SBI002:HMW27S:G091901:523 | | | | | | | | | | 09/19/2001 08:20 |
| Metals Digestion, ICPMS | | Complete | | | 09/27/2001 | 1851 | | Complete | clm | SW 3010A | |
| Metals Digestion, GFAA | | Complete | | | 09/26/2001 | 754 | | Complete | mrt | SW 3020A | |
| Manual Mercury Digestion | | Complete | | | 09/25/2001 | 1417 | | Complete | epk | SW 7470A | |
| Prep, Base Neutral | | Complete | | | 09/26/2001 | 1279 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 | |
| Prep, Acid Extractable | | Complete | | | 09/26/2001 | 1279 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 | |
| Prep, TPH - 418.1 aq | | Complete | | | 09/28/2001 | 605 | | Complete | 260 | EPA 418.1 | |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | | |
| 8260 - SW846 (AQ) | | Complete | | | 09/25/2001 | | 3604 | Complete | dmg | | |
| Acetone | | <20.0 | | ug/L | 09/25/2001 | | 3604 | <20.0 | dmg | SW 8260B | |
| Benzene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| tert-Butylbenzene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| sec-Butylbenzene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| n-Butylbenzene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| Bromochloromethane | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| Bromodichloromethane | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| Bromoform | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| Bromobenzene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| 2-Butanone (MEK) | | <12.5 | | ug/L | 09/25/2001 | | 3604 | <12.5 | dmg | SW 8260B | |
| Carbon disulfide | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| Carbon tetrachloride | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| Chlorobenzene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| Chloroethane | | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B | |
| 2-Chlorotoluene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| 4-Chlorotoluene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| Chloroform | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|---------------------------|--------|------|-------|---------------|--------------|--------------|-----------|---------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 708674 | SBI002:HMW27S:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 08:20 |
| Chloromethane | | <5.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <5.0 | dmg | SW 8260B |
| Dibromochloromethane | | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B |
| Dibromomethane | | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B |
| Dichlorodifluoromethane | | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B |
| 1,2-Dibromo-3-chloropropane | | <5.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <5.0 | dmg | SW 8260B |
| 1,2-Dichlorobenzene | | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B |
| 1,3-Dichlorobenzene | | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B |
| 1,4-Dichlorobenzene | | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B |
| 1,1-Dichloroethane | | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B |
| 1,2-Dichloroethane | | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B |
| 1,1-Dichloroethene | | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B |
| cis-1,2-Dichloroethene | | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B |
| trans-1,2-Dichloroethene | | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B |
| 1,2-Dichloropropane | | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B |
| 1,3-Dichloropropane | | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B |
| 2,2-Dichloropropane | | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B |
| 1,1-Dichloropropene | | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B |
| cis-1,3-Dichloropropene | | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B |
| trans-1,3-Dichloropropene | | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B |
| Ethylbenzene | | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B |
| Hexachlorobutadiene | | <5.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <5.0 | dmg | SW 8260B |
| n-Hexane | | <5.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <5.0 | dmg | SW 8260B |
| 2-Hexanone | | <12.5 | | ug/L | 09/25/2001 | 3604 | 3604 | <12.5 | dmg | SW 8260B |
| Isopropylbenzene (Cumene) | | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B |
| p-Isopropyltoluene | | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B |
| Bromomethane | | <5.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <5.0 | dmg | SW 8260B |

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|------------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708674 | SBI002:HMW27S:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 08:20 |
| | Ethylene Chloride | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/25/2001 | | 3604 | <12.5 | dmg | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Tetrachloroethene | 136 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | 1,1,1-Trichloroethane | 2.2 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Trichloroethene | 3.2 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Vinyl Acetate | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | Vinyl Chloride | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Xylenes | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | d4-1,2-Dichloroethane (surr) | 104 | | % | 09/25/2001 | | 3604 | | dmg | SW 8260B |
| | Dibromofluoromethane (surr) | 102 | | % | 09/25/2001 | | 3604 | | dmg | SW 8260B |
| | d8-Toluene (surr) | 97 | | % | 09/25/2001 | | 3604 | | dmg | SW 8260B |
| | Bromofluorobenzene (surr) | 100 | | % | 09/25/2001 | | 3604 | | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Limit | Initials | Method Reference |
|------------|------------------------------|--------|------|-------|------------|-------|-------|-----------|---------|-------|----------|------------------|
| | | | | | Analyzed | Batch | Batch | Batch | Batch | | | |
| 708674 | SBI002:HMW27S:G091901:523 | | | | 09/28/2001 | 1279 | 2710 | <10 | jcs | | | SW 8270C |
| | BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | | | |
| | Acenaphthene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | | | SW 8270C |
| | Acenaphthylene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | | | SW 8270C |
| | Anthracene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | | | SW 8270C |
| | Benzo(a)anthracene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | | | SW 8270C |
| | Benzo(b)fluoranthene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | | | SW 8270C |
| | Benzo(k)fluoranthene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | | | SW 8270C |
| | Benzo(a)pyrene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | | | SW 8270C |
| | Benzyl alcohol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | | | SW 8270C |
| | Benzyl butyl phthalate | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | | | SW 8270C |
| | bis(2-Chloroethyl)ether | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | | | SW 8270C |
| | bis(2-Chloroethoxy)methane | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | | | SW 8270C |
| | bis(2-Ethylhexyl)phthalate | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | | | SW 8270C |
| | 2,2'-oxybis(1-Chloropropane) | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | | | SW 8270C |
| | 4-Bromophenyl phenyl ether | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | | | SW 8270C |
| | 4-Chloroaniline | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | | | SW 8270C |
| | 2-Chloronaphthalene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | | | SW 8270C |
| | Chrysene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | | | SW 8270C |
| | Dibenzo(a,h)anthracene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | | | SW 8270C |
| | Dibenzofuran | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | | | SW 8270C |
| | 1,2-Dichlorobenzene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | | | SW 8270C |
| | 1,3-Dichlorobenzene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | | | SW 8270C |
| | 1,4-Dichlorobenzene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | | | SW 8270C |
| | 3,3'-Dichlorobenzidine | <50 | | ug/L | 09/28/2001 | 1279 | 2710 | <50 | jcs | | | SW 8270C |
| | Diethyl phthalate | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | | | SW 8270C |
| | Dimethyl phthalate | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | | | SW 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

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 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 708674 | SBI002:HMW27S:G091901:523 | | | | | | | | | | 09/19/2001 08:20 |
| | 1-Dinitrotoluene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 2,6-Dinitrotoluene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Di-n-octylphthalate | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Fluoranthene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Fluorene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Hexachlorobenzene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Hexachloro-1,3-butadiene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Hexachlorocyclopentadiene | <20 | | ug/L | 09/28/2001 | 1279 | 2710 | <20 | jcs | SW 8270C | |
| | Hexachloroethane | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Indeno (1,2,3-cd)pyrene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Isophorone | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Naphthalene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Nitrobenzene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | N-Nitrosodi-n-propylamine | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Phenanthrene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Pyrene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 1,2,4-Trichlorobenzene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Surrogate: d5-Nitrobenzene | 67 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C | |
| | Surrogate: 2-Fluorobiphenyl | 71 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C | |
| | Surrogate: d14-Terphenyl | 41 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C | |
| | ACID COMPOUNDS (AQ) 8270 | | | | | | | | | | |
| | Benzoic acid | <50 | | ug/L | 09/28/2001 | 1279 | 2710 | <50 | jcs | SW 8270C | |
| | 4-Chloro-3-methylphenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 2-Chlorophenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 2,4-Dichlorophenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |

TestAmerica, Incorporated

ANALYTICAL REPORT

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10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|----------------------------|---------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | | Initials | |
| 708674 | SBI002:HMW27S:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 08:20 |
| 2,4-Dimethylphenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2-Methylphenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| meta & para-Methylphenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2-Nitrophenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Pentachlorophenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Phenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2,4,5-Trichlorophenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| 2,4,6-Trichlorophenol | | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| Surrogate: d6-Phenol | | 30 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C |
| Surrogate: 2-Fluorophenol | | 29 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C |
| Surrogate: Tribromophenol | | 25 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C |
| TPH - GRO (Aqueous) | | <1 | | mg/L | 10/03/2001 | | 88 | <1 | meb | SW 8015M |
| TPH - Method 418.1 (AQ) | | <0.2 | | mg/L | 09/28/2001 | 605 | 726 | <0.2 | 260 | EPA 418.1 |

| SAMPLE NO. | SAMPLE DESCRIPTION | DATE/TIME TAKEN |
|------------|---------------------------|------------------|
| 708675 | SBI002:HMW18S:G091901:523 | 09/19/2001 09:40 |

| | | | | | | |
|------------------------|----------|------------|------|----------|-----|-----------------------------|
| Prep, Base Neutral | Complete | 09/26/2001 | 1279 | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, Acid Extractable | Complete | 09/26/2001 | 1279 | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, TPH - 418.1 aq | Complete | 09/28/2001 | 605 | Complete | 260 | EPA 418.1 |
| Prep, TPH DRO Aqueous | Complete | 09/25/2001 | 125 | Complete | mem | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------------------|---------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 708675 | SBI002:HMW18S:G091901:523 | | | | | | | | | |
| DATE/TIME TAKEN | | | | | | | | | | |
| 09/19/2001 09:40 | | | | | | | | | | |

VLATILE COMPOUNDS - 8260 (AQ)

| Sample | Result | Units | Date | Prep Batch | Run Batch | Reporting Limit | Analyst | Method Reference |
|-----------------------------|----------|-------|------------|------------|-----------|-----------------|---------|------------------|
| 8260 - SW846 (AQ) | Complete | | 09/25/2001 | | 3604 | Complete | dmg | |
| Acetone | <20.0 | ug/L | 09/25/2001 | | 3604 | <20.0 | dmg | SW 8260B |
| Benzene | <1.0 | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| tert-Butylbenzene | <1.0 | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| sec-Butylbenzene | <1.0 | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| n-Butylbenzene | <1.0 | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Bromochloromethane | <1.0 | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Bromodichloromethane | <1.0 | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Bromoform | <1.0 | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Bromobenzene | <1.0 | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| 2-Butanone (MEK) | <12.5 | ug/L | 09/25/2001 | | 3604 | <12.5 | dmg | SW 8260B |
| Carbon disulfide | <1.0 | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Carbon tetrachloride | <1.0 | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Chlorobenzene | <1.0 | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Chloroethane | <5.0 | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| 2-Chlorotoluene | <1.0 | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| 4-Chlorotoluene | <1.0 | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Chloroform | <1.0 | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Chloromethane | <5.0 | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| Dibromochloromethane | <1.0 | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Dibromomethane | <1.0 | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Dichlorodifluoromethane | <1.0 | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| 1,2-Dibromo-3-chloropropane | <5.0 | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| 1,2-Dichlorobenzene | <1.0 | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| 1,3-Dichlorobenzene | <1.0 | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|---------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708675 | SBI002:HMW18S:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 09:40 |
| 1,4-Dichlorobenzene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| 1,1-Dichloroethane | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| 1,2-Dichloroethane | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| 1,1-Dichloroethene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| cis-1,2-Dichloroethene | | 3.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| trans-1,2-Dichloroethene | | 1.9 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| 1,2-Dichloropropane | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| 1,3-Dichloropropane | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| 2,2-Dichloropropane | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| 1,1-Dichloropropene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| cis-1,3-Dichloropropene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| trans-1,3-Dichloropropene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Ethylbenzene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Hexachlorobutadiene | | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| n-Hexane | | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| 2-Hexanone | | <12.5 | | ug/L | 09/25/2001 | | 3604 | <12.5 | dmg | SW 8260B |
| Isopropylbenzene (Cumene) | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| p-Isopropyltoluene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Bromomethane | | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| Methylene Chloride | | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| Methyl t-butyl ether (MTBE) | | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| 4-Methyl-2-pentanone (MIBK) | | <12.5 | | ug/L | 09/25/2001 | | 3604 | <12.5 | dmg | SW 8260B |
| n-Propylbenzene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Styrene | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| Naphthalene | | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| 1,1,1,2-Tetrachloroethane | | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference | DATE/TIME TAKEN |
|------------|------------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | | |
| 708675 | SBI002:HMW18S:G091901:523 | | | | | | | | | | 09/19/2001 09:40 |
| | 1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B | |
| | Tetrachloroethene | 36.4 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B | |
| | Toluene | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B | |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <5.0 | dmg | SW 8260B | |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B | |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B | |
| | Trichloroethene | 13.1 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B | |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B | |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <5.0 | dmg | SW 8260B | |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B | |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B | |
| | Vinyl Acetate | <5.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <5.0 | dmg | SW 8260B | |
| | Vinyl Chloride | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B | |
| | Xylenes | <1.0 | | ug/L | 09/25/2001 | 3604 | 3604 | <1.0 | dmg | SW 8260B | |
| | d4-1,2-Dichloroethane (surr) | 105 | | % | 09/25/2001 | 3604 | 3604 | | dmg | SW 8260B | |
| | Dibromofluoromethane (surr) | 101 | | % | 09/25/2001 | 3604 | 3604 | | dmg | SW 8260B | |
| | d8-Toluene (surr) | 101 | | % | 09/25/2001 | 3604 | 3604 | | dmg | SW 8260B | |
| | Bromofluorobenzene (surr) | 102 | | % | 09/25/2001 | 3604 | 3604 | | dmg | SW 8260B | |
| | BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | | |
| | Acenaphthene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Acenaphthylene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Anthracene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Benzo (a) anthracene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Benzo (b) fluoranthene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Benzo (k) fluoranthene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|------------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 708675 | SBI002:HMW18S:G091901:523 | | | | | | | | | | 09/19/2001 09:40 |
| | Benzo(a)pyrene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Benzyl alcohol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Benzyl butyl phthalate | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | bis(2-Chloroethyl) ether | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | bis(2-Chloroethoxy)methane | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | bis(2-Ethylhexyl)phthalate | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 2,2'-oxybis(1-Chloropropane) | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 4-Bromophenyl phenyl ether | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 4-Chloroaniline | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 2-Chloronaphthalene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Chrysene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Dibenzo(a,h)anthracene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Dibenzofuran | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 1,2-Dichlorobenzene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 1,3-Dichlorobenzene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 1,4-Dichlorobenzene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 3,3'-Dichlorobenzidine | <50 | | ug/L | 09/28/2001 | 1279 | 2710 | <50 | jcs | SW 8270C | |
| | Diethyl phthalate | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Dimethyl phthalate | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 2,4-Dinitrotoluene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 2,6-Dinitrotoluene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Di-n-octylphthalate | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Fluoranthene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Fluorene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Hexachlorobenzene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Hexachloro-1,3-butadiene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | DATE ANALYZED | PREP BATCH NUMBER | RUN BATCH NUMBER | REPORTING LIMIT | ANALYST INITIALS | DATE/TIME TAKEN | METHOD REFERENCE |
|------------|-----------------------------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| 708675 | SBI002:HMW18S:G091901:523 | 09/28/2001 | 1279 | 2710 | <10 | jcs | 09/19/2001 09:40 | |
| | Hexachlorocyclopentadiene | <20 | ug/L | 09/28/2001 | 1279 | 2710 | <20 | jcs SW 8270C |
| | Hexachloroethane | <10 | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs SW 8270C |
| | Indeno(1,2,3-cd)pyrene | <10 | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs SW 8270C |
| | Isophorone | <10 | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs SW 8270C |
| | Naphthalene | <10 | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs SW 8270C |
| | Nitrobenzene | <10 | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs SW 8270C |
| | N-Nitrosodi-n-propylamine | <10 | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs SW 8270C |
| | Phenanthrene | <10 | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs SW 8270C |
| | Pyrene | <10 | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs SW 8270C |
| | 1,2,4-Trichlorobenzene | <10 | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs SW 8270C |
| | Surrogate: d5-Nitrobenzene | 83 | % | 09/28/2001 | 1279 | 2710 | | jcs SW 8270C |
| | Surrogate: 2-Fluorobiphenyl | 82 | % | 09/28/2001 | 1279 | 2710 | | jcs SW 8270C |
| | Surrogate: d14-Terphenyl | 49 | % | 09/28/2001 | 1279 | 2710 | | jcs SW 8270C |
| | ACID COMPOUNDS (AQ) 8270 | | | | | | | |
| | Benzoic acid | <50 | ug/L | 09/28/2001 | 1279 | 2710 | <50 | jcs SW 8270C |
| | 4-Chloro-3-methylphenol | <10 | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs SW 8270C |
| | 2-Chlorophenol | <10 | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs SW 8270C |
| | 2,4-Dichlorophenol | <10 | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs SW 8270C |
| | 2,4-Dimethylphenol | <10 | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs SW 8270C |
| | 2-Methyl-4,6-dinitrophenol | <10 | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs SW 8270C |
| | 2-Methylphenol | <10 | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs SW 8270C |
| | meta & para-Methylphenol | <10 | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs SW 8270C |
| | 2-Nitrophenol | <10 | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs SW 8270C |
| | Pentachlorophenol | <10 | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs SW 8270C |
| | Phenol | <10 | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs SW 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|--------------------------------|----------|------|-------|---------------|-------------------|------------------|-----------------|------------------|-----------------------------|------------------|
| | | | | | | | | | | | |
| 708675 | SBI002:HMW18S:G091901:523 | | | | | | | | | | 09/19/2001 09:40 |
| | 2,4,5-Trichlorophenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | 2,4,6-Trichlorophenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | |
| | Surrogate: d6-Phenol | 0 | note | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C | |
| | Surrogate: 2-Fluorophenol | 0 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C | |
| | Surrogate: Tribromophenol | 0 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C | |
| | TPH - DRO AQUEOUS | <1 | | mg/L | 09/27/2001 | 125 | 214 | <1 | meb | SW 8015M | |
| | TPH - Method 418.1 (AQ) | <0.2 | | mg/L | 09/28/2001 | 605 | 726 | <0.2 | 260 | EPA 418.1 | |
| 708676 | SBI002:HMW34S:G091901:523 | | | | | | | | | | 09/19/2001 10:00 |
| | Prep, Base Neutral | Complete | | | 09/26/2001 | 1279 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 | |
| | Prep, Acid Extractable | Complete | | | 09/26/2001 | 1279 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 | |
| | Prep, TPH - 418.1 aq | Complete | | | 09/28/2001 | 605 | | Complete | 260 | EPA 418.1 | |
| | Prep, TPH DRO Aqueous | Complete | | | 09/25/2001 | 125 | | Complete | mem | | |
| | VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| | 8260 - SW846 (AQ) | Complete | | | 09/25/2001 | | 3604 | Complete | dmg | | |
| | Acetone | <20.0 | | ug/L | 09/25/2001 | | 3604 | <20.0 | dmg | SW 8260B | |
| | Benzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| | tert-Butylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| | sec-Butylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| | n-Butylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708676 | SBI002:HMW34S:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 10:00 |
| | Monochloromethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Bromodichloromethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Bromoform | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Bromobenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 2-Butanone (MEK) | <12.5 | | ug/L | 09/25/2001 | | 3604 | <12.5 | dmg | SW 8260B |
| | Carbon disulfide | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Carbon tetrachloride | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Chlorobenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Chloroethane | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | 2-Chlorotoluene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 4-Chlorotoluene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Chloroform | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Chloromethane | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | Dibromochloromethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Dibromomethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | cis-1,2-Dichloroethene | 1.1 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 708676 | SBI002:HMW34S:G091901:523 | | | | | | | | | | 09/19/2001 10:00 |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| | Ethylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B | |
| | n-Hexane | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B | |
| | 2-Hexanone | <12.5 | | ug/L | 09/25/2001 | | 3604 | <12.5 | dmg | SW 8260B | |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| | Bromomethane | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B | |
| | Methylene Chloride | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B | |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B | |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/25/2001 | | 3604 | <12.5 | dmg | SW 8260B | |
| | n-Propylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| | Styrene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| | Naphthalene | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B | |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| | Tetrachloroethene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| | Toluene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B | |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |
| | Trichloroethene | 4.5 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-------------------------------------|--------|------|-------|------------|-------|-------|-----------|----------|------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| | | | | | | | | | | DATE/TIME TAKEN |
| 708676 | SBI002:HMW34S:G091901:523 | | | | | | | | | 09/19/2001 10:00 |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Vinyl Acetate | <5.0 | | ug/L | 09/25/2001 | | 3604 | <5.0 | dmg | SW 8260B |
| | Vinyl Chloride | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | Xylenes | <1.0 | | ug/L | 09/25/2001 | | 3604 | <1.0 | dmg | SW 8260B |
| | d4-1,2-Dichloroethane (surr) | 104 | | % | 09/25/2001 | | 3604 | | dmg | SW 8260B |
| | Dibromofluoromethane (surr) | 100 | | % | 09/25/2001 | | 3604 | | dmg | SW 8260B |
| | d8-Toluene (surr) | 101 | | % | 09/25/2001 | | 3604 | | dmg | SW 8260B |
| | Bromofluorobenzene (surr) | 100 | | % | 09/25/2001 | | 3604 | | dmg | SW 8260B |
| | BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | |
| | Acenaphthene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Acenaphthylene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Anthracene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Benzo(a)anthracene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Benzo(b)fluoranthene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Benzo(k)fluoranthene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Benzo(a)pyrene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Benzyl alcohol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Benzyl butyl phthalate | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | bis(2-Chloroethyl) ether | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | bis(2-Chloroethoxy)methane | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | bis(2-Ethylhexyl)phthalate | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 2,2'-oxybis(1-Chloropropane) | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|----------------------------|--------------------|--------|------------|-------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | 09/19/2001 10:00 |
| 4-Bromophenyl phenyl ether | <10 | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | | | |
| 4-Chloroaniline | <10 | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | | | |
| 2-Chloronaphthalene | <10 | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | | | |
| Chrysene | <10 | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | | | |
| Dibenzo(a,h)anthracene | <10 | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | | | |
| Dibenzofuran | <10 | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | | | |
| 1,2-Dichlorobenzene | <10 | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | | | |
| 1,3-Dichlorobenzene | <10 | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | | | |
| 1,4-Dichlorobenzene | <10 | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | | | |
| 3,3'-Dichlorobenzidine | <50 | ug/L | 09/28/2001 | 1279 | 2710 | <50 | jcs | SW 8270C | | | |
| Diethyl phthalate | <10 | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | | | |
| Dimethyl phthalate | <10 | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | | | |
| 2,4-Dinitrotoluene | <10 | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | | | |
| 2,6-Dinitrotoluene | <10 | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | | | |
| Di-n-octylphthalate | <10 | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | | | |
| Fluoranthene | <10 | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | | | |
| Fluorene | <10 | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | | | |
| Hexachlorobenzene | <10 | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | | | |
| Hexachloro-1,3-butadiene | <10 | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | | | |
| Hexachlorocyclopentadiene | <20 | ug/L | 09/28/2001 | 1279 | 2710 | <20 | jcs | SW 8270C | | | |
| Hexachloroethane | <10 | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | | | |
| Indeno(1,2,3-cd)pyrene | <10 | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | | | |
| Isophorone | <10 | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | | | |
| Naphthalene | <10 | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | | | |
| Nitrobenzene | <10 | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | | | |
| N-Nitrosodi-n-propylamine | <10 | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C | | | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17466

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|---------------------------------|--------|------|-------|------------|--------------|--------------|-----------|----------|------------------------|
| | | | | | Analyzed | Batch Number | Batch Number | Limit | Initials | |
| | | | | | | | | | | DATE/TIME TAKEN |
| 708676 | SBI002:HMW34S:G091901:523 | | | | | | | | | 09/19/2001 10:00 |
| | phenanthrene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Pyrene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 1,2,4-Trichlorobenzene | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Surrogate: d5-Nitrobenzene | 75 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C |
| | Surrogate: 2-Fluorobiphenyl | 79 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C |
| | Surrogate: d14-Terphenyl | 36 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C |
| | ACID COMPOUNDS (AQ) 8270 | | | | | | | | | |
| | Benzoic acid | <50 | | ug/L | 09/28/2001 | 1279 | 2710 | <50 | jcs | SW 8270C |
| | 4-Chloro-3-methylphenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 2-Chlorophenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 2,4-Dichlorophenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 2,4-Dimethylphenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 2-Methyl-4,6-dinitrophenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 2-Methylphenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | meta & para-Methylphenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 2-Nitrophenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Pentachlorophenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Phenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 2,4,5-Trichlorophenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | 2,4,6-Trichlorophenol | <10 | | ug/L | 09/28/2001 | 1279 | 2710 | <10 | jcs | SW 8270C |
| | Surrogate: d6-Phenol | 50 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C |
| | Surrogate: 2-Fluorophenol | 49 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C |
| | Surrogate: Tribromophenol | 53 | | % | 09/28/2001 | 1279 | 2710 | | jcs | SW 8270C |
| | TPH - DRO AQUEOUS | <1 | | mg/L | 09/27/2001 | 125 | 214 | <1 | mcb | SW 8015M |
| | TPH - Method 418.1 (AQ) | <0.2 | | mg/L | 09/28/2001 | 605 | 726 | <0.2 | 260 | EPA 418.1 |

QUALITY CONTROL FLAG DEFINITIONS

Job Number: 01.17466

(*) Indicates an out-of-control QC. The analytical data was reported based on other supporting quality control information.

(Note) Indicates to review the notes and comments section of the analytical report as there is additional information concerning this analytical result.

(MS) Indicates that the Matrix Spike (MS) was out of statistical advisory limits.

(MSD) Indicates that the Matrix Spike Duplicate (MSD) was out of statistical advisory limits.

(RPD) Indicates that the Relative Percent Difference (RPD) for the MS/MSD pair was outside of statistical advisory limits.

(SS) Indicates that the MS and MSD were out of statistical advisory limits.

(SSR) Indicates that the MS, MSD and RPD were out of statistical advisory limits.

(MSR) Indicates that the MS and RPD were out of statistical advisory limits.

(MSDR) Indicates that the MSD and RPD were out of statistical advisory limits.

(DL) Indicates that the MS and MSD were diluted out and the percent recoveries of the spikes could not be calculated.

(LS) Indicates that statistical accuracy and precision data is not available for spike concentrations which are $< 1/4$ of the sample amount. Care should be used in interpreting this data.

(J) Indicates estimated concentration due to internal standard areas or surrogate recoveries outside of control limits. A sample matrix effect is usually indicated.

(DW) Indicates Dry Weight.

Analytical Reporting Limits

The reporting limits listed for non-aqueous samples in the analytical report section are Practical Quantitation Limits (PQLs). These PQLs are based upon a typical standard weight used for a non-aqueous sample. The reporting limit for a sample may be different from the PQL listed depending upon the actual weight of sample used, the samples moisture content and any dilutions used during the analysis.

NOTES AND COMMENTS

TestAmerica Job Number: 1.17466

Sample Number: 708665-708676 (Run batch 3604)

Analysis: 8260 Volatiles

An LCS/LCS Duplicate was analyzed in this run batch because inadequate sample was provided to perform an MS/MSD.

Sample Number: 708665

Analysis: 8270 BNA

The surrogate, 2,4,6-tribromophenol, was below the recommended % recovery criteria.

Sample Number: 708675

Analysis: 8270 BNA

The acid-fraction surrogates were diluted below their reporting limits. Hold times for sample re-extraction had expired.

1.17466

PAGE ____ OF ____

CHAIN OF CUSTODY RECORD

Hull & Associates, Inc.

Dublin
 6140 Micox Road
 Dublin, Ohio 43016
 Phone: (614)385-8777
 FAX: (614)385-9070

Mason
 4700 Duke Drive, Suite 172
 Mason, Ohio 45040
 Phone: (513)459-9677
 FAX: (513)459-9869

Toledo
 3401 Glendale Avenue
 SUITE 300
 Toledo, Ohio 43614
 Phone: (419)385-2018
 FAX: (419)385-5489

Warrensville Heights
 4949 Galaxy Parkway, Suite S
 Warrensville Heights, Ohio 44128
 Phone: (216)514-7100
 FAX: (216)514-7104

REPORT TO: Kevin Wildman

Client: South Bend
 Site: Area A
 Project#: SBI000 Phase: DT-TST
 Samplers: Sam Heath

| ANALYSES | PRESERVATIVES | ANALYSES |
|----------|---------------|----------|
| PCB'S | G | G |
| SVOC'S | C | A |
| Metals | A | B |
| DRO | B | C |
| GRO | C | D |
| TPH | D | E |
| VOC'S | E | F |
| | F | G |
| | G | H |
| | H | I |
| | I | J |
| | J | K |
| | K | L |
| | L | M |
| | M | N |
| | N | O |
| | O | P |
| | P | Q |
| | Q | R |
| | R | S |
| | S | T |
| | T | U |
| | U | V |
| | V | W |
| | W | X |
| | X | Y |
| | Y | Z |

SAMPLE TYPES
 A AIR
 C ASBESTOS
 D SEDIMENT
 G GROUNDWATER
 P PRODUCT
 S SWATER
 Z OTHERS
 All samples are kept at 4°C.

PRESERVATIVES
 A - Cool only, <4° C
 B - HNO₃ pH<2
 C - H₂SO₄ pH<2
 D - NaOH pH>12
 E - ZnAcetate + NaOH, pH>9
 F - Na₂S₂O₅ (0.008%)
 G - HCl, pH<2

METALS
 F - FILTERED
 B - BOTH

| PROJECT NO. | SAMPLE LOCATION | SAMPLE TYPE | SAMPLER ID | NO. OF METALS CONT. | SAMPLING DATE/TIME | COMMENTS |
|-------------|-----------------|-------------|------------|---------------------|--------------------|----------|
| SBI000 | Hmw255 | G091901 | :523 | 7 N | 9-19-01 7:25 | |
| SBI000 | Hmw265 | G091901 | :523 | 5 N | 9-19-01 7:55 | |
| SBI000 | Hmw275 | G091901 | :523 | 8 N | 9-19-01 8:20 | |
| SBI000 | Hmw185 | G091901 | :523 | 6 | 9-19-01 9:40 | |
| SBI000 | Hmw345 | G091901 | :523 | 6 | 9-19-01 10:00 | |
| SBI000 | Hmw155 | G091901 | :523 | 5 | 9-19-01 10:40 | |
| SBI000 | Hmw15D | G091901 | :523 | 5 | 9-19-01 10:48 | |
| SBI000 | Hmw145 | G091901 | :523 | 6 | 9-19-01 11:45 | |
| SBI000 | Hmw145 | G091901D | :523 | 6 | 9-19-01 11:45 | |
| SBI000 | Mw135 | G091901 | :523 | 3 N | 9-19-01 12:40 | |
| SBI000 | Hmw13D | G091901 | :523 | 3 N | 9-19-01 12:50 | |
| SBI000 | Mw13D | G091901 | :523 | 3 N | 9-19-01 13:00 | |

RELINQUISHED BY: Sam Heath DATE: 9-19-01 TIME: 17:00-
 RECEIVED BY: Matt Young DATE: 9-20-01 TIME: 13:00-
 RELINQUISHED BY: Sam Heath DATE: 9-20-01 TIME: 13:00-
 RECEIVED BY: Red Ex DATE: 9-21-01 TIME: 9:30-0m
 RELINQUISHED BY: Sam Heath DATE: 9-21-01 TIME: 9:30-0m
 RECEIVED BY: Red Ex DATE: 9-21-01 TIME: 9:30-0m

DISTRIBUTION:
 WHITE --LAB USE (MUST BE RETURNED WITH REPORT)
 YELLOW --LAB USE
 PINK --RETAINED BY HM

COOLER TEMPERATURE AS RECEIVED °C: 4°C

Deliver To: Rec Test America
 Method of Delivery: Fed Ex
 Airbill Number: _____
 NOTES: _____
 TURN AROUND TIME: 5DB DAYS

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17471


Enclosed is the analytical report for the following samples submitted to the Dayton Division of TestAmerica, Inc. for analysis:

| <u>Sample Number</u> | <u>Sample Description</u> | <u>Date Taken</u> | <u>Date Received</u> |
|----------------------|---------------------------|-------------------|----------------------|
| 708698 | SBI002:FB1:G091901:523 | 09/19/2001 | 09/21/2001 |
| 708699 | SBI002:HMW6S:G092001D:523 | 09/20/2001 | 09/21/2001 |
| 708700 | SBI002:HMW12S:G091901:523 | 09/19/2001 | 09/21/2001 |
| 708701 | SBI002:HMW33D:G091901:523 | 09/19/2001 | 09/21/2001 |
| 708702 | SBI002:HMW33S:G091901:523 | 09/19/2001 | 09/21/2001 |
| 708703 | SBI002:HMW21D:G091901:523 | 09/19/2001 | 09/21/2001 |
| 708704 | SBI002:MW30D:G092001:523 | 09/20/2001 | 09/21/2001 |
| 708705 | SBI002:TB1:G091901:523 | 09/19/2001 | 09/21/2001 |
| 708706 | SBI002:HMW9I:G091901:523 | 09/19/2001 | 09/21/2001 |
| 708707 | SBI002:HMW9S:G091901:523 | 09/19/2001 | 09/21/2001 |
| 708708 | SBI002:HMW9D:G091901:523 | 09/19/2001 | 09/21/2001 |

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Reproduction of this analytical report is permitted only in its entirety.

Enclosure


Approved By

TestAmerica, Incorporated

PAGE 2 of 50

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|---------------------------------------|------------------------|--------|------|-------|------------|-------|-------|-----------|---------|--|
| | | | | | Analyzed | Batch | Batch | | Limit | |
| 708698 | SBI002:FB1:G091901:523 | | | | | | | | | |
| | | | | | | | | | | DATE/TIME TAKEN 09/19/2001 17:00 |
| ICPMS TOTAL METALS | Complete | | | | 10/04/2001 | | 2586 | Complete | ekh | SW 6020 |
| Arsenic, ICPMS | <0.0050 | mg/L | | | 10/03/2001 | 1851 | 3715 | <0.0050 | kmb | SW 6020 |
| Barium, ICPMS | <0.0050 | mg/L | | | 10/04/2001 | 1851 | 3927 | <0.0050 | ekh | SW 6020 |
| Cadmium, ICPMS | <0.0010 | mg/L | | | 10/03/2001 | 1851 | 3594 | <0.0010 | kmb | SW 6020 |
| Chromium, ICPMS (0.005) | <0.0050 | mg/L | | | 10/03/2001 | 1851 | 3992 | <0.0050 | kmb | SW 6020 |
| Lead, ICPMS | <0.0010 | mg/L | | | 10/03/2001 | 1851 | 3672 | <0.0010 | kmb | SW 6020 |
| Mercury, CVAA | <0.0002 | mg/L | | | 09/26/2001 | 1417 | 1363 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | <0.0050 | mg/L | | | 09/28/2001 | 755 | 579 | <0.0050 | lnh | SW 7740 |
| Silver, ICPMS | <0.0005 | mg/L | | | 10/03/2001 | 1851 | 3929 | <0.0005 | kmb | SW 6020 |
| Metals Digestion, ICPMS | Complete | | | | 09/27/2001 | 1851 | | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | Complete | | | | 09/26/2001 | 755 | | Complete | mrt | SW 3020A |
| Manual Mercury Digestion | Complete | | | | 09/25/2001 | 1417 | | Complete | epk | SW 7470A |
| Prep, Base Neutral | Complete | | | | 09/24/2001 | 1277 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, Acid Extractable | Complete | | | | 09/24/2001 | 1277 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| Prep, PCBs Aqueous 8082 | Complete | | | | 09/25/2001 | 69 | | Complete | eap | SW 3510C; SW 3520C |
| Prep, TPH - 418.1 aq | Complete | | | | 09/27/2001 | 604 | | Complete | 260 | EPA 418.1 |
| Prep, TPH DRO Aqueous | Complete | | | | 09/25/2001 | 125 | | Complete | mem | |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | Complete | | | | 09/26/2001 | | 3605 | Complete | dmg | |
| Acetone | <20.0 | ug/L | | | 09/26/2001 | | 3605 | <20.0 | dmg | SW 8260B |
| Benzene | <1.0 | ug/L | | | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| tert-Butylbenzene | <1.0 | ug/L | | | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| sec-Butylbenzene | <1.0 | ug/L | | | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| n-Butylbenzene | <1.0 | ug/L | | | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| Bromochloromethane | <1.0 | ug/L | | | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708698 | SBI002:FB1:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 17:00 |
| | Bromodichloromethane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Bromoform | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Bromobenzene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 2-Butanone (MEK) | <12.5 | | ug/L | 09/26/2001 | | 3605 | <12.5 | dmg | SW 8260B |
| | Carbon disulfide | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Carbon tetrachloride | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Chlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Chloroethane | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| | 2-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 4-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Chloroform | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Chloromethane | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| | Dibromochloromethane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Dibromomethane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|------------|--------------|--------------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch Number | Batch Number | Limit | Initials | |
| 708698 | SBI002:FB1:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 17:00 |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/26/2001 | | 3605 | <12.5 | dmg | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/26/2001 | | 3605 | <12.5 | dmg | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Tetrachloroethene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Trichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | DATE/TIME TAKEN | Result | Flag | Units | Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference |
|------------|------------------------------|------------------|--------|------|-------|------------|-------------------|------------------|-----------------|------------------|------------------|
| 708698 | SBI002:FB1:G091901:523 | 09/19/2001 17:00 | | | | | | | | | |
| | 1,2,3-Trichloropropane | | <5.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <5.0 | dmg | SW 8260B |
| | 1,2,4-Trimethylbenzene | | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| | 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| | Vinyl Acetate | | <5.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <5.0 | dmg | SW 8260B |
| | Vinyl Chloride | | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| | Xylenes | | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| | d4-1,2-Dichloroethane (surr) | | 103 | | † | 09/26/2001 | 3605 | 3605 | | dmg | SW 8260B |
| | Dibromofluoromethane (surr) | | 100 | | † | 09/26/2001 | 3605 | 3605 | | dmg | SW 8260B |
| | d8-Toluene (surr) | | 99 | | † | 09/26/2001 | 3605 | 3605 | | dmg | SW 8260B |
| | Bromofluorobenzene (surr) | | 100 | | † | 09/26/2001 | 3605 | 3605 | | dmg | SW 8260B |
| | BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | | |
| | Acenaphthene | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Acenaphthylene | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Anthracene | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Benzo(a)anthracene | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Benzo(b)fluoranthene | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Benzo(k)fluoranthene | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Benzo(a)pyrene | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Benzyl alcohol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Benzyl butyl phthalate | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | bis(2-Chloroethyl)ether | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | bis(2-Chloroethoxy)methane | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | bis(2-Ethylhexyl)phthalate | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 2,2'-oxybis(1-Chloropropane) | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 4-Bromophenyl phenyl ether | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|---------------------------|------------------------|--------|------------|-------|----------|-------|-------|-----------|----------|------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708698 | SBI002:FB1:G091901:523 | | | | | | | | | |
| | | | | | | | | | | DATE/TIME TAKEN |
| | | | | | | | | | | 09/19/2001 17:00 |
| 4-Chloroaniline | <10 | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | | |
| 2-Chloronaphthalene | <10 | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | | |
| Chrysene | <10 | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | | |
| Dibenzo(a,h)anthracene | <10 | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | | |
| Dibenzofuran | <10 | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | | |
| 1,2-Dichlorobenzene | <10 | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | | |
| 1,3-Dichlorobenzene | <10 | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | | |
| 1,4-Dichlorobenzene | <10 | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | | |
| 3,3'-Dichlorobenzidine | <50 | ug/L | 09/27/2001 | 1277 | 2705 | <50 | dmg | SW 8270C | | |
| Diethyl phthalate | <10 | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | | |
| Dimethyl phthalate | <10 | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | | |
| 2,4-Dinitrotoluene | <10 | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | | |
| 2,6-Dinitrotoluene | <10 | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | | |
| Di-n-octylphthalate | <10 | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | | |
| Fluoranthene | <10 | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | | |
| Fluorene | <10 | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | | |
| Hexachlorobenzene | <10 | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | | |
| Hexachloro-1,3-butadiene | <10 | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | | |
| Hexachlorocyclopentadiene | <20 | ug/L | 09/27/2001 | 1277 | 2705 | <20 | dmg | SW 8270C | | |
| Hexachloroethane | <10 | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | | |
| Indeno(1,2,3-cd)pyrene | <10 | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | | |
| Isophorone | <10 | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | | |
| Naphthalene | <10 | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | | |
| Nitrobenzene | <10 | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | | |
| N-Nitrosodi-n-propylamine | <10 | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | | |
| Phenanthrene | <10 | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C | | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|------------------------|--------|------|-------|--|--------------|--------------|-----------|----------|------------------|
| | | | | | Analyzed | Batch Number | Batch Number | Limit | Initials | |
| 708698 | SBI002:FB1:G091901:523 | | | | | | | | | |
| | | | | | DATE/TIME TAKEN 09/19/2001 17:00 | | | | | |
| Pyrene | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 1,2,4-Trichlorobenzene | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| Surrogate: d5-Nitrobenzene | | 81 | | % | 09/27/2001 | 1277 | 2705 | | dmg | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 83 | | % | 09/27/2001 | 1277 | 2705 | | dmg | SW 8270C |
| Surrogate: d14-Terphenyl | | 82 | | % | 09/27/2001 | 1277 | 2705 | | dmg | SW 8270C |
| ACID COMPOUNDS (AQ) 8270 | | | | | | | | | | |
| Benzoic acid | | <50 | | ug/L | 09/27/2001 | 1277 | 2705 | <50 | dmg | SW 8270C |
| 4-Chloro-3-methylphenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 2-Chlorophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 2,4-Dichlorophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 2,4-Dimethylphenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 2-Methylphenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| meta & para-Methylphenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 2-Nitrophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| Pentachlorophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| Phenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 2,4,5-Trichlorophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 2,4,6-Trichlorophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| Surrogate: d6-Phenol | | 73 | | % | 09/27/2001 | 1277 | 2705 | | dmg | SW 8270C |
| Surrogate: 2-Fluorophenol | | 74 | | % | 09/27/2001 | 1277 | 2705 | | dmg | SW 8270C |
| Surrogate: Tribromophenol | | 64 | | % | 09/27/2001 | 1277 | 2705 | | dmg | SW 8270C |
| PCB's M 8082. Aqueous | | | | | | | | | | |
| Aroclor 1016 | | <0.20 | | ug/L | 09/28/2001 | 69 | 128 | <0.20 | mrh | SW 8082 |
| Aroclor 1221 | | <0.20 | | ug/L | 09/28/2001 | 69 | 128 | <0.20 | mrh | SW 8082 |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-------------------------|------------------------|--------|------|-------|------------|-------|-------|-----------|---------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | | Limit | |
| 708698 | SBI002:FB1:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 17:00 |
| Aroclor 1232 | | <0.20 | | ug/L | 09/28/2001 | 69 | 128 | <0.20 | mrh | SW 8082 |
| Aroclor 1242 | | <0.20 | | ug/L | 09/28/2001 | 69 | 128 | <0.20 | mrh | SW 8082 |
| Aroclor 1248 | | <0.20 | | ug/L | 09/28/2001 | 69 | 128 | <0.20 | mrh | SW 8082 |
| Aroclor 1254 | | <0.20 | | ug/L | 09/28/2001 | 69 | 128 | <0.20 | mrh | SW 8082 |
| Aroclor 1260 | | <0.20 | | ug/L | 09/28/2001 | 69 | 128 | <0.20 | mrh | SW 8082 |
| Surrogate:DCB/TCX | | 76/55 | | % | 09/28/2001 | 69 | 128 | | mrh | SW 8082 |
| TPH - DRO AQUEOUS | | <1 | | mg/L | 09/27/2001 | 125 | 214 | <1 | meh | SW 8015M |
| TPH - GRO (Aqueous) | | <1 | | mg/L | 10/03/2001 | | 88 | <1 | meh | SW 8015M |
| TPH - Method 418.1 (AQ) | | <0.2 | | mg/L | 09/28/2001 | 604 | 725 | <0.2 | 260 | EPA 418.1 |

SAMPLE NO. 708699 **SAMPLE DESCRIPTION** SBI002:HMW6S:G092001D:523 **DATE/TIME TAKEN** 09/20/2001 07:40

| | | | | | | | | | | |
|-------------------------|----------|--|--|------|------------|------|------|----------|-----|----------|
| ICPMS TOTAL METALS | Complete | | | | 10/04/2001 | | 2586 | Complete | ekh | SW 6020 |
| Arsenic, ICPMS | 0.0442 | | | mg/L | 10/03/2001 | 1851 | 3715 | <0.0050 | kmb | SW 6020 |
| Barium, ICPMS | 0.192 | | | mg/L | 10/04/2001 | 1851 | 3927 | <0.0050 | ekh | SW 6020 |
| Cadmium, ICPMS | <0.0010 | | | mg/L | 10/03/2001 | 1851 | 3594 | <0.0010 | kmb | SW 6020 |
| Chromium, ICPMS (0.005) | 0.0399 | | | mg/L | 10/04/2001 | 1851 | 3997 | <0.0050 | ekh | SW 6020 |
| Lead, ICPMS | 0.0718 | | | mg/L | 10/03/2001 | 1851 | 3672 | <0.0010 | kmb | SW 6020 |
| Mercury, CVAA | <0.0002 | | | mg/L | 09/26/2001 | 1417 | 1363 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | <0.0050 | | | mg/L | 09/28/2001 | 755 | 579 | <0.0050 | lnh | SW 7740 |
| Silver, ICPMS | <0.0005 | | | mg/L | 10/03/2001 | 1851 | 3929 | <0.0005 | kmb | SW 6020 |
| Metals Digestion, ICPMS | Complete | | | | 09/27/2001 | 1851 | | Complete | clm | SW 3010A |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|---------------------------|----------|------|-------|------------|--------------|--------------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch Number | Batch Number | Limit | Initials | |
| 708699 | SBI002:HMW6S:G092001D:523 | | | | | | | | | DATE/TIME TAKEN 09/20/2001 07:40 |
| | Manuals Digestion, GFAA | Complete | | | 09/26/2001 | 755 | | Complete | mrt | SW 3020A |
| | Manual Mercury Digestion | Complete | | | 09/25/2001 | 1417 | | Complete | epk | SW 7470A |
| | Prep, Base Neutral | Complete | | | 09/24/2001 | 1277 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| | Prep, Acid Extractable | Complete | | | 09/24/2001 | 1277 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | | Complete | | | 09/26/2001 | | 3605 | Complete | dmg | |
| Acetone | <20.0 | | | ug/L | 09/26/2001 | | 3605 | <20.0 | dmg | SW 8260B |
| Benzene | <1.0 | | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| tert-Butylbenzene | <1.0 | | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| sec-Butylbenzene | <1.0 | | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| n-Butylbenzene | <1.0 | | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| Bromochloromethane | <1.0 | | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| Bromodichloromethane | <1.0 | | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| Bromoform | <1.0 | | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| Bromobenzene | <1.0 | | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| 2-Butanone (MEK) | <12.5 | | | ug/L | 09/26/2001 | | 3605 | <12.5 | dmg | SW 8260B |
| Carbon disulfide | <1.0 | | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| Carbon tetrachloride | <1.0 | | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| Chlorobenzene | <1.0 | | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| Chloroethane | <5.0 | | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| 2-Chlorotoluene | <1.0 | | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| 4-Chlorotoluene | <1.0 | | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| Chloroform | <1.0 | | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| Chloromethane | <5.0 | | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| Dibromochloromethane | <1.0 | | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|-------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | |
| 708699 | SBI002:HMW6S:G092001D:523 | | | | | | | | | | 09/20/2001 07:40 |
| | Dibromomethane | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B | |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B | |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <5.0 | dmg | SW 8260B | |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B | |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B | |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B | |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B | |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B | |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B | |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B | |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B | |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B | |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B | |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B | |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B | |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B | |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B | |
| | Ethylbenzene | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B | |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <5.0 | dmg | SW 8260B | |
| | n-Hexane | <5.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <5.0 | dmg | SW 8260B | |
| | 2-Hexanone | <12.5 | | ug/L | 09/26/2001 | 3605 | 3605 | <12.5 | dmg | SW 8260B | |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B | |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B | |
| | Bromomethane | <5.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <5.0 | dmg | SW 8260B | |
| | Methylene Chloride | <5.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <5.0 | dmg | SW 8260B | |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <5.0 | dmg | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------------------------|------------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 708699 | SBI002:HMW6S:G092001D:523 | | | | | | | | | DATE/TIME TAKEN 09/20/2001 07:40 |
| | Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/26/2001 | 3605 | 3605 | <12.5 | dmg | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <5.0 | dmg | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| | Tetrachloroethene | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <5.0 | dmg | SW 8260B |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| | Trichloroethene | 4.5 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <5.0 | dmg | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| | Vinyl Acetate | <5.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <5.0 | dmg | SW 8260B |
| | Vinyl Chloride | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| | Xylenes | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| | d4-1,2-Dichloroethane (surr) | 104 | | % | 09/26/2001 | 3605 | 3605 | | dmg | SW 8260B |
| | Dibromofluoromethane (surr) | 101 | | % | 09/26/2001 | 3605 | 3605 | | dmg | SW 8260B |
| | d8-Toluene (surr) | 99 | | % | 09/26/2001 | 3605 | 3605 | | dmg | SW 8260B |
| | Bromofluorobenzene (surr) | 97 | | % | 09/26/2001 | 3605 | 3605 | | dmg | SW 8260B |
| BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | | |
| Acenaphthene | | <10 | | ug/L | 09/28/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference | |
|------------------------------|---------------------------|--------|------|-------|------------|-------|-------|-----------|----------|------------------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | | |
| 708699 | SBI002:HMW6S:G092001D:523 | | | | | | | | | | DATE/TIME TAKEN 09/20/2001 07:40 |
| Acenaphthylene | | <10 | | ug/L | 09/28/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| Anthracene | | <10 | | ug/L | 09/28/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| Benzo(a)anthracene | | <10 | | ug/L | 09/28/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| Benzo(b)fluoranthene | | <10 | | ug/L | 09/28/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| Benzo(k)fluoranthene | | <10 | | ug/L | 09/28/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| Benzo(a)pyrene | | <10 | | ug/L | 09/28/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| Benzyl alcohol | | <10 | | ug/L | 09/28/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| Benzyl butyl phthalate | | <10 | | ug/L | 09/28/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| bis(2-Chloroethyl) ether | | <10 | | ug/L | 09/28/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| bis(2-Chloroethoxy)methane | | <10 | | ug/L | 09/28/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| bis(2-Ethylhexyl)phthalate | | <10 | | ug/L | 09/28/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| 2,2'-oxybis(1-Chloropropane) | | <10 | | ug/L | 09/28/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| 4-Bromophenyl phenyl ether | | <10 | | ug/L | 09/28/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| 4-Chloroaniline | | <10 | | ug/L | 09/28/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| 2-Chloronaphthalene | | <10 | | ug/L | 09/28/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| Chrysene | | <10 | | ug/L | 09/28/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| Dibenzo(a,h)anthracene | | <10 | | ug/L | 09/28/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| Dibenzofuran | | <10 | | ug/L | 09/28/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| 1,2-Dichlorobenzene | | <10 | | ug/L | 09/28/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| 1,3-Dichlorobenzene | | <10 | | ug/L | 09/28/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| 1,4-Dichlorobenzene | | <10 | | ug/L | 09/28/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| 3,3'-Dichlorobenzidine | | <50 | | ug/L | 09/28/2001 | 1277 | 2712 | <50 | jrw | SW 8270C | |
| Diethyl phthalate | | <10 | | ug/L | 09/28/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| Dimethyl phthalate | | <10 | | ug/L | 09/28/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| 2,4-Dinitrotoluene | | <10 | | ug/L | 09/28/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |
| 2,6-Dinitrotoluene | | <10 | | ug/L | 09/28/2001 | 1277 | 2712 | <10 | jrw | SW 8270C | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|---------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 708699 | SBI002:HMW6S:G092001D:523 | | | | | | | | | DATE/TIME TAKEN 09/20/2001 07:40 |
| | 2-Methylphenol | <10 | | ug/L | 09/28/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | meta & para-Methylphenol | <10 | | ug/L | 09/28/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | 2-Nitrophenol | <10 | | ug/L | 09/28/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | Pentachlorophenol | <10 | | ug/L | 09/28/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | Phenol | <10 | | ug/L | 09/28/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | 2,4,5-Trichlorophenol | <10 | | ug/L | 09/28/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | 2,4,6-Trichlorophenol | <10 | | ug/L | 09/28/2001 | 1277 | 2712 | <10 | jrw | SW 8270C |
| | Surrogate: d6-Phenol | 86 | | % | 09/28/2001 | 1277 | 2712 | | jrw | SW 8270C |
| | Surrogate: 2-Fluorophenol | 79 | | % | 09/28/2001 | 1277 | 2712 | | jrw | SW 8270C |
| | Surrogate: Tribromophenol | 39 | note | % | 09/28/2001 | 1277 | 2712 | | jrw | SW 8270C |
| | TPH - GRO (Aqueous) | <1 | | mg/L | 10/03/2001 | | 88 | <1 | meb | SW 8015M |

| SAMPLE NO. | SAMPLE DESCRIPTION | DATE/TIME TAKEN | | | | | | | | |
|-------------------------|---------------------------|------------------|--|------|------------|------|------|----------|-----|----------|
| 708700 | SBI002:HMW12S:G091901:523 | 09/19/2001 13:30 | | | | | | | | |
| ICPMS TOTAL METALS | Complete | | | | 10/04/2001 | | 2586 | Complete | ekh | SW 6020 |
| Arsenic, ICPMS | 0.0467 | | | mg/L | 10/03/2001 | 1851 | 3715 | <0.0050 | kmb | SW 6020 |
| Barium, ICPMS | 0.154 | | | mg/L | 10/04/2001 | 1851 | 3927 | <0.0050 | ekh | SW 6020 |
| Cadmium, ICPMS | <0.0010 | | | mg/L | 10/03/2001 | 1851 | 3594 | <0.0010 | kmb | SW 6020 |
| Chromium, ICPMS (0.005) | <0.0050 | | | mg/L | 10/03/2001 | 1851 | 3992 | <0.0050 | kmb | SW 6020 |
| Lead, ICPMS | 0.0195 | | | mg/L | 10/03/2001 | 1851 | 3672 | <0.0010 | kmb | SW 6020 |
| Mercury, CVAA | <0.0002 | | | mg/L | 09/26/2001 | 1417 | 1363 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | <0.0050 | | | mg/L | 09/28/2001 | 755 | 579 | <0.0050 | lnh | SW 7740 |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|---------------------------------------|---------------------------|----------|------|-------|---------------|--------------|--------------|-----------------|------------------|--|
| | | | | | | Batch Number | Batch Number | | | |
| 708700 | SBI002:HMW12S:G091901:523 | | | | | | | | | |
| | | | | | | | | | | DATE/TIME TAKEN 09/19/2001 13:30 |
| silver, ICPMS | | <0.0005 | | mg/L | 10/03/2001 | 1851 | 3929 | <0.0005 | kmb | SW 6020 |
| Metals Digestion, ICPMS | | Complete | | | 09/27/2001 | 1851 | | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | | Complete | | | 09/26/2001 | 755 | | Complete | mrt | SW 3020A |
| Manual Mercury Digestion | | Complete | | | 09/25/2001 | 1417 | | Complete | epk | SW 7470A |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | | Complete | | | 09/26/2001 | | 3605 | Complete | dmg | |
| Acetone | | <20.0 | | ug/L | 09/26/2001 | | 3605 | <20.0 | dmg | SW 8260B |
| Benzene | | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| tert-Butylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| sec-Butylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| n-Butylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| Bromochloromethane | | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| Bromodichloromethane | | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| Bromoform | | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| Bromobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| 2-Butanone (MEK) | | <12.5 | | ug/L | 09/26/2001 | | 3605 | <12.5 | dmg | SW 8260B |
| Carbon disulfide | | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| Carbon tetrachloride | | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| Chlorobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| Chloroethane | | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| 2-Chlorotoluene | | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| 4-Chlorotoluene | | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| Chloroform | | 2.2 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| Chloromethane | | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| Dibromochloromethane | | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 708700 | SBI002:HMW12S:G091901:523 | | | | | | | | | | 09/19/2001 13:30 |
| | Dibromomethane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B | |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B | |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B | |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B | |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B | |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B | |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B | |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B | |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B | |
| | cis-1,2-Dichloroethene | 2.4 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B | |
| | trans-1,2-Dichloroethene | 5.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B | |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B | |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B | |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B | |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B | |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B | |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B | |
| | Ethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B | |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B | |
| | n-Hexane | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B | |
| | 2-Hexanone | <12.5 | | ug/L | 09/26/2001 | | 3605 | <12.5 | dmg | SW 8260B | |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B | |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B | |
| | Bromomethane | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B | |
| | Methylene Chloride | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B | |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------------------------|---------------------------|--------|------|------------|---------------|--------------|--------------|-----------------|----------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 708700 | SBI002:HMW12S:G091901:523 | | | | | | | | | |
| | | | | | | | | | | DATE/TIME TAKEN |
| | | | | | | | | | | 09/19/2001 13:30 |
| m-Methyl-2-pentanone (MIBK) | <12.5 | ug/L | | 09/26/2001 | 3605 | <12.5 | dmg | SW 8260B | | |
| n-Propylbenzene | <1.0 | ug/L | | 09/26/2001 | 3605 | <1.0 | dmg | SW 8260B | | |
| Styrene | <1.0 | ug/L | | 09/26/2001 | 3605 | <1.0 | dmg | SW 8260B | | |
| Naphthalene | <5.0 | ug/L | | 09/26/2001 | 3605 | <5.0 | dmg | SW 8260B | | |
| 1,1,1,2-Tetrachloroethane | <1.0 | ug/L | | 09/26/2001 | 3605 | <1.0 | dmg | SW 8260B | | |
| 1,1,2,2-Tetrachloroethane | <1.0 | ug/L | | 09/26/2001 | 3605 | <1.0 | dmg | SW 8260B | | |
| Tetrachloroethene | 52.1 | ug/L | | 09/26/2001 | 3608 | <10 | dmg | SW 8260B | | |
| Toluene | <1.0 | ug/L | | 09/26/2001 | 3605 | <1.0 | dmg | SW 8260B | | |
| 1,2,4-Trichlorobenzene | <5.0 | ug/L | | 09/26/2001 | 3605 | <5.0 | dmg | SW 8260B | | |
| 1,1,1-Trichloroethane | <1.0 | ug/L | | 09/26/2001 | 3605 | <1.0 | dmg | SW 8260B | | |
| 1,1,2-Trichloroethane | <1.0 | ug/L | | 09/26/2001 | 3605 | <1.0 | dmg | SW 8260B | | |
| Trichloroethene | 29.6 | ug/L | | 09/26/2001 | 3605 | <1.0 | dmg | SW 8260B | | |
| Trichlorofluoromethane | <1.0 | ug/L | | 09/26/2001 | 3605 | <1.0 | dmg | SW 8260B | | |
| 1,2,3-Trichloropropane | <5.0 | ug/L | | 09/26/2001 | 3605 | <5.0 | dmg | SW 8260B | | |
| 1,2,4-Trimethylbenzene | <1.0 | ug/L | | 09/26/2001 | 3605 | <1.0 | dmg | SW 8260B | | |
| 1,3,5-Trimethylbenzene | <1.0 | ug/L | | 09/26/2001 | 3605 | <1.0 | dmg | SW 8260B | | |
| Vinyl Acetate | <5.0 | ug/L | | 09/26/2001 | 3605 | <5.0 | dmg | SW 8260B | | |
| Vinyl Chloride | <1.0 | ug/L | | 09/26/2001 | 3605 | <1.0 | dmg | SW 8260B | | |
| Xylenes | <1.0 | ug/L | | 09/26/2001 | 3605 | <1.0 | dmg | SW 8260B | | |
| d4-1,2-Dichloroethane (surr) | 103 | % | | 09/26/2001 | 3605 | | dmg | SW 8260B | | |
| Dibromofluoromethane (surr) | 100 | % | | 09/26/2001 | 3605 | | dmg | SW 8260B | | |
| d8-Toluene (surr) | 100 | % | | 09/26/2001 | 3605 | | dmg | SW 8260B | | |
| Bromofluorobenzene (surr) | 100 | % | | 09/26/2001 | 3605 | | dmg | SW 8260B | | |
| TPH - GRO (Aqueous) | <1 | mg/L | | 10/03/2001 | 88 | <1 | meb | SW 8015M | | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|---------------------------|----------|------|-------|------------|--------------|--------------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch Number | Batch Number | Limit | Initials | |
| 708701 | SBI002:HMW33D:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 13:50 |
| ICPMS TOTAL METALS | | Complete | | | 10/04/2001 | | 2586 | Complete | ekh | SW 6020 |
| Arsenic, ICPMS | | 0.0111 | | mg/L | 10/03/2001 | 1851 | 3715 | <0.0050 | kmb | SW 6020 |
| Barium, ICPMS | | 0.116 | | mg/L | 10/04/2001 | 1851 | 3927 | <0.0050 | ekh | SW 6020 |
| Cadmium, ICPMS | | <0.0010 | | mg/L | 10/03/2001 | 1851 | 3594 | <0.0010 | kmb | SW 6020 |
| Chromium, ICPMS (0.005) | | 0.0088 | | mg/L | 10/04/2001 | 1851 | 3997 | <0.0050 | ekh | SW 6020 |
| Lead, ICPMS | | 0.0129 | | mg/L | 10/03/2001 | 1851 | 3672 | <0.0010 | kmb | SW 6020 |
| Mercury, CVAA | | <0.0002 | | mg/L | 09/26/2001 | 1417 | 1363 | <0.0002 | epk | SW 7470A |
| Selenium, GFAA | | <0.0050 | | mg/L | 09/28/2001 | 755 | 579 | <0.0050 | lnh | SW 7740 |
| Silver, ICPMS | | <0.0005 | | mg/L | 10/03/2001 | 1851 | 3929 | <0.0005 | kmb | SW 6020 |
| Metals Digestion, ICPMS | | Complete | | | 09/27/2001 | 1851 | | Complete | clm | SW 3010A |
| Metals Digestion, GFAA | | Complete | | | 09/26/2001 | 755 | | Complete | mrt | SW 3020A |
| Manual Mercury Digestion | | Complete | | | 09/25/2001 | 1417 | | Complete | epk | SW 7470A |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | | Complete | | | 09/26/2001 | | 3608 | Complete | dmg | |
| Acetone | | <20.0 | | ug/L | 09/26/2001 | | 3608 | <20.0 | dmg | SW 8260B |
| Benzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| tert-Butylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| sec-Butylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| n-Butylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Bromochloromethane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Bromodichloromethane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Bromoform | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Bromobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 2-Butanone (MEK) | | <12.5 | | ug/L | 09/26/2001 | | 3608 | <12.5 | dmg | SW 8260B |
| Carbon disulfide | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 708701 | SBI002:HMW33D:G091901:523 | | | | | | | | | | 09/19/2001 13:50 |
| | Carbon tetrachloride | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | Chlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | Chloroethane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B | |
| | 2-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | 4-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | Chloroform | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | Chloromethane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B | |
| | Dibromochloromethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | Dibromomethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B | |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | Ethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|---------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 708701 | SBI002:HMW33D:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 13:50 |
| Hexachlorobutadiene | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| n-Hexane | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| 2-Hexanone | | <12.5 | | ug/L | 09/26/2001 | | 3608 | <12.5 | dmg | SW 8260B |
| Isopropylbenzene (Cumene) | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| p-Isopropyltoluene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Bromomethane | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| Methylene Chloride | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| Methyl t-butyl ether (MTBE) | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| 4-Methyl-2-pentanone (MIBK) | | <12.5 | | ug/L | 09/26/2001 | | 3608 | <12.5 | dmg | SW 8260B |
| n-Propylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Styrene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Naphthalene | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| 1,1,1,2-Tetrachloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,1,2,2-Tetrachloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Tetrachloroethene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Toluene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,2,4-Trichlorobenzene | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| 1,1,1-Trichloroethane | | 4.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,1,2-Trichloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Trichloroethene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Trichlorofluoromethane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,2,3-Trichloropropane | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| 1,2,4-Trimethylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Vinyl Acetate | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| Vinyl Chloride | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|------------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708701 | SBI002:HMW33D:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 13:50 |
| | xylenes | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | d4-1,2-Dichloroethane (surr) | 105 | | % | 09/26/2001 | | 3608 | | dmg | SW 8260B |
| | Dibromofluoromethane (surr) | 102 | | % | 09/26/2001 | | 3608 | | dmg | SW 8260B |
| | d8-Toluene (surr) | 98 | | % | 09/26/2001 | | 3608 | | dmg | SW 8260B |
| | Bromofluorobenzene (surr) | 102 | | % | 09/26/2001 | | 3608 | | dmg | SW 8260B |

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|---------------------------|----------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708702 | SBI002:HMW33S:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 13:45 |
| | ICPMS TOTAL METALS | Complete | | | 10/04/2001 | | 2586 | Complete | ekh | SW 6020 |
| | Arsenic, ICPMS | 0.0053 | | mg/L | 10/03/2001 | 1851 | 3715 | <0.0050 | kmb | SW 6020 |
| | Barium, ICPMS | 0.100 | | mg/L | 10/04/2001 | 1851 | 3927 | <0.0050 | ekh | SW 6020 |
| | Cadmium, ICPMS | <0.0010 | | mg/L | 10/03/2001 | 1851 | 3594 | <0.0010 | kmb | SW 6020 |
| | Chromium, ICPMS (0.005) | <0.0050 | | mg/L | 10/03/2001 | 1851 | 3992 | <0.0050 | kmb | SW 6020 |
| | Lead, ICPMS | 0.132 | | mg/L | 10/03/2001 | 1851 | 3672 | <0.0010 | kmb | SW 6020 |
| | Mercury, CVAA | <0.0002 | | mg/L | 09/26/2001 | 1417 | 1363 | <0.0002 | epk | SW 7470A |
| | Selenium, GFAA | <0.0050 | | mg/L | 09/28/2001 | 755 | 579 | <0.0050 | lnh | SW 7740 |
| | Silver, ICPMS | <0.0005 | | mg/L | 10/03/2001 | 1851 | 3929 | <0.0005 | kmb | SW 6020 |
| | Metals Digestion, ICPMS | Complete | | | 09/27/2001 | 1851 | | Complete | clm | SW 3010A |
| | Metals Digestion, GFAA | Complete | | | 09/26/2001 | 755 | | Complete | mrt | SW 3020A |
| | Manual Mercury Digestion | Complete | | | 09/25/2001 | 1417 | | Complete | epk | SW 7470A |

VOLATILE COMPOUNDS - 8260 (AQ)

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|---------------------------|----------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708702 | SBI002:HMW33S:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 13:45 |
| 8260 - SW846 (AQ) | | Complete | | | 09/26/2001 | | 3608 | Complete | dmg | |
| Acetone | | <20.0 | | ug/L | 09/26/2001 | | 3608 | <20.0 | dmg | SW 8260B |
| Benzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| tert-Butylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| sec-Butylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| n-Butylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Bromochloromethane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Bromodichloromethane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Bromoform | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Bromobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 2-Butanone (MEK) | | <12.5 | | ug/L | 09/26/2001 | | 3608 | <12.5 | dmg | SW 8260B |
| Carbon disulfide | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Carbon tetrachloride | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Chlorobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Chloroethane | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| 2-Chlorotoluene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 4-Chlorotoluene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Chloroform | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Chloromethane | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| Dibromochloromethane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Dibromomethane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| Dichlorodifluoromethane | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,2-Dibromo-3-chloropropane | | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| 1,2-Dichlorobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,3-Dichlorobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| 1,4-Dichlorobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708702 | SBI002:HMW33S:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 13:45 |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/26/2001 | | 3608 | <12.5 | dmg | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/26/2001 | | 3608 | <12.5 | dmg | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|------------------------------|--|------|-------|---------------|--------------|--------------|-----------------|----------|------------------|
| | | | | | Batch Number | Batch Number | | Initials | |
| 708702 | SAMPLE DESCRIPTION SBI002:HMW33S:G091901:523 | | | | | | | | |
| | DATE/TIME TAKEN 09/19/2001 13:45 | | | | | | | | |
| Tetrachloroethene | <1.0 | | ug/L | 09/26/2001 | 3608 | 3608 | <1.0 | dmg | SW 8260B |
| Toluene | <1.0 | | ug/L | 09/26/2001 | 3608 | 3608 | <1.0 | dmg | SW 8260B |
| 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/26/2001 | 3608 | 3608 | <5.0 | dmg | SW 8260B |
| 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | 3608 | 3608 | <1.0 | dmg | SW 8260B |
| 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | 3608 | 3608 | <1.0 | dmg | SW 8260B |
| Trichloroethene | <1.0 | | ug/L | 09/26/2001 | 3608 | 3608 | <1.0 | dmg | SW 8260B |
| Trichlorofluoromethane | <1.0 | | ug/L | 09/26/2001 | 3608 | 3608 | <1.0 | dmg | SW 8260B |
| 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/26/2001 | 3608 | 3608 | <5.0 | dmg | SW 8260B |
| 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | 3608 | 3608 | <1.0 | dmg | SW 8260B |
| 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | 3608 | 3608 | <1.0 | dmg | SW 8260B |
| Vinyl Acetate | <5.0 | | ug/L | 09/26/2001 | 3608 | 3608 | <5.0 | dmg | SW 8260B |
| Vinyl Chloride | <1.0 | | ug/L | 09/26/2001 | 3608 | 3608 | <1.0 | dmg | SW 8260B |
| Xylenes | <1.0 | | ug/L | 09/26/2001 | 3608 | 3608 | <1.0 | dmg | SW 8260B |
| d4-1,2-Dichloroethane (surr) | 108 | | % | 09/26/2001 | 3608 | 3608 | | dmg | SW 8260B |
| Dibromofluoromethane (surr) | 103 | | % | 09/26/2001 | 3608 | 3608 | | dmg | SW 8260B |
| d8-Toluene (surr) | 98 | | % | 09/26/2001 | 3608 | 3608 | | dmg | SW 8260B |
| Bromofluorobenzene (surr) | 104 | | % | 09/26/2001 | 3608 | 3608 | | dmg | SW 8260B |

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|--------------------------------|-----------------------------|----------|------|-------|---------------|--------------|--------------|-----------------|----------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 708703 | SBI002:HMW21D:G091901:523 | | | | | | | | | |
| | ep, TPH - 418.1 aq | Complete | | | 09/27/2001 | 604 | | Complete | 260 | EPA 418.1 |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| | 8260 - SW846 (AQ) | Complete | | | 09/26/2001 | 3605 | | Complete | dmg | |
| | Acetone | <20.0 | | ug/L | 09/26/2001 | 3605 | | <20.0 | dmg | SW 8260B |
| | Benzene | <1.0 | | ug/L | 09/26/2001 | 3605 | | <1.0 | dmg | SW 8260B |
| | tert-Butylbenzene | <1.0 | | ug/L | 09/26/2001 | 3605 | | <1.0 | dmg | SW 8260B |
| | sec-Butylbenzene | <1.0 | | ug/L | 09/26/2001 | 3605 | | <1.0 | dmg | SW 8260B |
| | n-Butylbenzene | <1.0 | | ug/L | 09/26/2001 | 3605 | | <1.0 | dmg | SW 8260B |
| | Bromochloromethane | <1.0 | | ug/L | 09/26/2001 | 3605 | | <1.0 | dmg | SW 8260B |
| | Bromodichloromethane | <1.0 | | ug/L | 09/26/2001 | 3605 | | <1.0 | dmg | SW 8260B |
| | Bromoform | <1.0 | | ug/L | 09/26/2001 | 3605 | | <1.0 | dmg | SW 8260B |
| | Bromobenzene | <1.0 | | ug/L | 09/26/2001 | 3605 | | <1.0 | dmg | SW 8260B |
| | 2-Butanone (MEK) | <12.5 | | ug/L | 09/26/2001 | 3605 | | <12.5 | dmg | SW 8260B |
| | Carbon disulfide | <1.0 | | ug/L | 09/26/2001 | 3605 | | <1.0 | dmg | SW 8260B |
| | Carbon tetrachloride | <1.0 | | ug/L | 09/26/2001 | 3605 | | <1.0 | dmg | SW 8260B |
| | Chlorobenzene | <1.0 | | ug/L | 09/26/2001 | 3605 | | <1.0 | dmg | SW 8260B |
| | Chloroethane | <5.0 | | ug/L | 09/26/2001 | 3605 | | <5.0 | dmg | SW 8260B |
| | 2-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | 3605 | | <1.0 | dmg | SW 8260B |
| | 4-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | 3605 | | <1.0 | dmg | SW 8260B |
| | Chloroform | <1.0 | | ug/L | 09/26/2001 | 3605 | | <1.0 | dmg | SW 8260B |
| | Chloromethane | <5.0 | | ug/L | 09/26/2001 | 3605 | | <5.0 | dmg | SW 8260B |
| | Dibromochloromethane | <1.0 | | ug/L | 09/26/2001 | 3605 | | <1.0 | dmg | SW 8260B |
| | Dibromomethane | <1.0 | | ug/L | 09/26/2001 | 3605 | | <1.0 | dmg | SW 8260B |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/26/2001 | 3605 | | <1.0 | dmg | SW 8260B |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/26/2001 | 3605 | | <5.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708703 | SBI002:HMW21D:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 14:00 |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/26/2001 | | 3605 | <12.5 | dmg | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/26/2001 | | 3605 | <12.5 | dmg | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|------------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 708703 | SBI002:HMW21D:G091901:523 | | | | | | | | | | 09/19/2001 14:00 |
| | Naphthalene | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B | |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B | |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B | |
| | Tetrachloroethene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B | |
| | Toluene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B | |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B | |
| | 1,1,1-Trichloroethane | 4.4 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B | |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B | |
| | Trichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B | |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B | |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B | |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B | |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B | |
| | Vinyl Acetate | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B | |
| | Vinyl Chloride | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B | |
| | Xylenes | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B | |
| | d4-1,2-Dichloroethane (surr) | 104 | | % | 09/26/2001 | | 3605 | | dmg | SW 8260B | |
| | Dibromofluoromethane (surr) | 103 | | % | 09/26/2001 | | 3605 | | dmg | SW 8260B | |
| | d8-Toluene (surr) | 97 | | % | 09/26/2001 | | 3605 | | dmg | SW 8260B | |
| | Bromofluorobenzene (surr) | 101 | | % | 09/26/2001 | | 3605 | | dmg | SW 8260B | |
| | TPH - Method 418.1 (AQ) | <0.2 | | mg/L | 09/28/2001 | 604 | 725 | <0.2 | 260 | EPA 418.1 | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|--|--------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|----------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 708704 | SBI002:MW30D:G092001:523 | | | | | | | | | |
| DATE/TIME TAKEN 09/20/2001 12:30 | | | | | | | | | | |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | Complete | | | | 09/26/2001 | 3605 | 3605 | Complete | dmg | |
| Acetone | <20.0 | | | ug/L | 09/26/2001 | 3605 | 3605 | <20.0 | dmg | SW 8260B |
| Benzene | <1.0 | | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| tert-Butylbenzene | <1.0 | | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| sec-Butylbenzene | <1.0 | | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| n-Butylbenzene | <1.0 | | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| Bromochloromethane | <1.0 | | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| Bromodichloromethane | <1.0 | | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| Bromoform | <1.0 | | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| Bromobenzene | <1.0 | | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| 2-Butanone (MEK) | <12.5 | | | ug/L | 09/26/2001 | 3605 | 3605 | <12.5 | dmg | SW 8260B |
| Carbon disulfide | <1.0 | | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| Carbon tetrachloride | <1.0 | | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| Chlorobenzene | <1.0 | | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| Chloroethane | <5.0 | | | ug/L | 09/26/2001 | 3605 | 3605 | <5.0 | dmg | SW 8260B |
| 2-Chlorotoluene | <1.0 | | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| 4-Chlorotoluene | <1.0 | | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| Chloroform | <1.0 | | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| Chloromethane | <5.0 | | | ug/L | 09/26/2001 | 3605 | 3605 | <5.0 | dmg | SW 8260B |
| Dibromochloromethane | <1.0 | | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| Dibromomethane | <1.0 | | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| Dichlorodifluoromethane | <1.0 | | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| 1,2-Dibromo-3-chloropropane | <5.0 | | | ug/L | 09/26/2001 | 3605 | 3605 | <5.0 | dmg | SW 8260B |
| 1,2-Dichlorobenzene | <1.0 | | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| 1,3-Dichlorobenzene | <1.0 | | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|-----------------------------|--------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 708704 | SBI002:MW30D:G092001:523 | | | | | | | | | |
| | | | | | | | | | | DATE/TIME TAKEN |
| | | | | | | | | | | 09/20/2001 12:30 |
| 1,4-Dichlorobenzene | | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| 1,1-Dichloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| 1,2-Dichloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| 1,1-Dichloroethene | | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| cis-1,2-Dichloroethene | | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| trans-1,2-Dichloroethene | | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| 1,2-Dichloropropane | | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| 1,3-Dichloropropane | | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| 2,2-Dichloropropane | | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| 1,1-Dichloropropene | | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| cis-1,3-Dichloropropene | | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| trans-1,3-Dichloropropene | | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| Ethylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| Hexachlorobutadiene | | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| n-Hexane | | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| 2-Hexanone | | <12.5 | | ug/L | 09/26/2001 | | 3605 | <12.5 | dmg | SW 8260B |
| Isopropylbenzene (Cumene) | | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| p-Isopropyltoluene | | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| Bromomethane | | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| Methylene Chloride | | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| Methyl t-butyl ether (MTBE) | | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| 4-Methyl-2-pentanone (MIBK) | | <12.5 | | ug/L | 09/26/2001 | | 3605 | <12.5 | dmg | SW 8260B |
| n-Propylbenzene | | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| Styrene | | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| Naphthalene | | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| 1,1,1,2-Tetrachloroethane | | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|------------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 708704 | SBI002:MW30D:G092001:523 | | | | | | | | | DATE/TIME TAKEN 09/20/2001 12:30 |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Tetrachloroethene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Trichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Vinyl Acetate | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| | Vinyl Chloride | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Xylenes | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | d4-1,2-Dichloroethane (surr) | 107 | | % | 09/26/2001 | | 3605 | | dmg | SW 8260B |
| | Dibromofluoromethane (surr) | 101 | | % | 09/26/2001 | | 3605 | | dmg | SW 8260B |
| | d8-Toluene (surr) | 97 | | % | 09/26/2001 | | 3605 | | dmg | SW 8260B |
| | Bromofluorobenzene (surr) | 103 | | % | 09/26/2001 | | 3605 | | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst | Method Reference |
|--------------------------------|------------------------|----------|------|-------|---------------|--------------|--------------|-----------------|----------|------------------|
| | | | | | | Batch Number | Batch Number | | Initials | |
| 708705 | SBI002:TB1:G091901:523 | | | | | | | | | |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| 8260 - SW846 (AQ) | | Complete | | | 09/26/2001 | 3605 | 3605 | Complete | dmg | |
| Acetone | | <20.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <20.0 | dmg | SW 8260B |
| Benzene | | <1.0 | SSR | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| tert-Butylbenzene | | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| sec-Butylbenzene | | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| n-Butylbenzene | | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| Bromochloromethane | | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| Bromodichloromethane | | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| Bromoform | | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| Bromobenzene | | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| 2-Butanone (MEK) | | <12.5 | | ug/L | 09/26/2001 | 3605 | 3605 | <12.5 | dmg | SW 8260B |
| Carbon disulfide | | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| Carbon tetrachloride | | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| Chlorobenzene | | <1.0 | MSR | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| Chloroethane | | <5.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <5.0 | dmg | SW 8260B |
| 2-Chlorotoluene | | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| 4-Chlorotoluene | | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| Chloroform | | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| Chloromethane | | <5.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <5.0 | dmg | SW 8260B |
| Dibromochloromethane | | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| Dibromomethane | | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| Dichlorodifluoromethane | | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| 1,2-Dibromo-3-chloropropane | | <5.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <5.0 | dmg | SW 8260B |
| 1,2-Dichlorobenzene | | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| 1,3-Dichlorobenzene | | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708705 | SBI002:TB1:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloroethene | <1.0 | MSR | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Ethylbenzene | <1.0 | MSR | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/26/2001 | | 3605 | <12.5 | dmg | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/26/2001 | | 3605 | <12.5 | dmg | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|------------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 708705 | SBI002:TB1:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Tetrachloroethene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Toluene | <1.0 | MSR | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Trichloroethene | <1.0 | SSR | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Vinyl Acetate | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| | Vinyl Chloride | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Xylenes | <1.0 | RPD | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | d4-1,2-Dichloroethane (surr) | 105 | | % | 09/26/2001 | | 3605 | | dmg | SW 8260B |
| | Dibromofluoromethane (surr) | 102 | | % | 09/26/2001 | | 3605 | | dmg | SW 8260B |
| | d8-Toluene (surr) | 99 | | % | 09/26/2001 | | 3605 | | dmg | SW 8260B |
| | Bromofluorobenzene (surr) | 103 | | % | 09/26/2001 | | 3605 | | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|--------------------------------|--------------------------|----------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708706 | SBI002:HMW9I:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 15:40 |
| | Prep, Base Neutral | Complete | | | 09/24/2001 | 1277 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| | Prep, Acid Extractable | Complete | | | 09/24/2001 | 1277 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | |
| | 8260 - SW846 (AQ) | Complete | | | 09/26/2001 | | 3605 | Complete | dmg | |
| | Acetone | <20.0 | | ug/L | 09/26/2001 | | 3605 | <20.0 | dmg | SW 8260B |
| | Benzene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | tert-Butylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | sec-Butylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | n-Butylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Bromochloromethane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Bromodichloromethane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Bromoform | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Bromobenzene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 2-Butanone (MEK) | <12.5 | | ug/L | 09/26/2001 | | 3605 | <12.5 | dmg | SW 8260B |
| | Carbon disulfide | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Carbon tetrachloride | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Chlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Chloroethane | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| | 2-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 4-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Chloroform | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Chloromethane | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| | Dibromochloromethane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Dibromomethane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|-----------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708706 | SBI002:HMW9I:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 15:40 |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/26/2001 | | 3605 | <12.5 | dmg | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/26/2001 | | 3605 | <12.5 | dmg | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------------------------|--------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 708706 | SBI002:HMW9I:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 15:40 |
| Styrene | | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| Naphthalene | | <5.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <5.0 | dmg | SW 8260B |
| 1,1,1,2-Tetrachloroethane | | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| 1,1,2,2-Tetrachloroethane | | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| Tetrachloroethene | | 349 | | ug/L | 09/26/2001 | 3608 | 3608 | <10 | dmg | SW 8260B |
| Toluene | | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| 1,2,4-Trichlorobenzene | | <5.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <5.0 | dmg | SW 8260B |
| 1,1,1-Trichloroethane | | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| 1,1,2-Trichloroethane | | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| Trichloroethene | | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| Trichlorofluoromethane | | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| 1,2,3-Trichloropropane | | <5.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <5.0 | dmg | SW 8260B |
| 1,2,4-Trimethylbenzene | | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| 1,3,5-Trimethylbenzene | | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| Vinyl Acetate | | <5.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <5.0 | dmg | SW 8260B |
| Vinyl Chloride | | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| Xylenes | | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| d4-1,2-Dichloroethane (surr) | | 105 | | % | 09/26/2001 | 3605 | 3605 | | dmg | SW 8260B |
| Dibromofluoromethane (surr) | | 102 | | % | 09/26/2001 | 3605 | 3605 | | dmg | SW 8260B |
| d8-Toluene (surr) | | 98 | | % | 09/26/2001 | 3605 | 3605 | | dmg | SW 8260B |
| Bromofluorobenzene (surr) | | 100 | | % | 09/26/2001 | 3605 | 3605 | | dmg | SW 8260B |
| BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | | |
| Acenaphthene | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrww | SW 8270C |
| Acenaphthylene | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrww | SW 8270C |
| Anthracene | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrww | SW 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|------------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708706 | SBI002:HMW9I:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 15:40 |
| | Benzo(a)anthracene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| | Benzo(b)fluoranthene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| | Benzo(k)fluoranthene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| | Benzo(a)pyrene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| | Benzyl alcohol | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| | Benzyl butyl phthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| | bis(2-Chloroethyl) ether | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| | bis(2-Chloroethoxy)methane | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| | bis(2-Ethylhexyl)phthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| | 2,2'-oxybis(1-Chloropropane) | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| | 4-Bromophenyl phenyl ether | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| | 4-Chloroaniline | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| | 2-Chloronaphthalene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| | Chrysene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| | Dibenzo(a,h)anthracene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| | Dibenzofuran | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| | 1,2-Dichlorobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| | 1,3-Dichlorobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| | 1,4-Dichlorobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| | 3,3'-Dichlorobenzidine | <50 | | ug/L | 09/27/2001 | 1277 | 2712 | <50 | jrjw | SW 8270C |
| | Diethyl phthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| | Dimethyl phthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| | 2,4-Dinitrotoluene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| | 2,6-Dinitrotoluene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| | Di-n-octylphthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| | Fluoranthene | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|--------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708706 | SBI002:HMW9I:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 15:40 |
| Fluorene | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Hexachlorobenzene | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Hexachloro-1,3-butadiene | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Hexachlorocyclopentadiene | | <20 | | ug/L | 09/27/2001 | 1277 | 2712 | <20 | jrjw | SW 8270C |
| Hexachloroethane | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Indeno(1,2,3-cd)pyrene | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Isophorone | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Naphthalene | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Nitrobenzene | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| N-Nitrosodi-n-propylamine | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Phenanthrene | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Pyrene | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| 1,2,4-Trichlorobenzene | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| Surrogate: d5-Nitrobenzene | | 89 | | † | 09/27/2001 | 1277 | 2712 | | jrjw | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 79 | | † | 09/27/2001 | 1277 | 2712 | | jrjw | SW 8270C |
| Surrogate: d14-Terphenyl | | 55 | | † | 09/27/2001 | 1277 | 2712 | | jrjw | SW 8270C |
| ACID COMPOUNDS (AQ) 8270 | | | | | | | | | | |
| Benzoic acid | | <50 | | ug/L | 09/27/2001 | 1277 | 2712 | <50 | jrjw | SW 8270C |
| 4-Chloro-3-methylphenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| 2-Chlorophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| 2,4-Dichlorophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| 2,4-Dimethylphenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| 2-Methylphenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |
| meta & para-Methylphenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrjw | SW 8270C |

TestAmerica, Incorporated

ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|---------------------------|--------|------|-------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | |
| 708706 | SBI002:HMW9I:G091901:523 | | | | | | | | | | 09/19/2001 15:40 |
| | 4-Nitrophenol | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrj | SW 8270C | |
| | Pentachlorophenol | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrj | SW 8270C | |
| | Phenol | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrj | SW 8270C | |
| | 2,4,5-Trichlorophenol | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrj | SW 8270C | |
| | 2,4,6-Trichlorophenol | <10 | | ug/L | 09/27/2001 | 1277 | 2712 | <10 | jrj | SW 8270C | |
| | Surrogate: d6-Phenol | 46 | | % | 09/27/2001 | 1277 | 2712 | | jrj | SW 8270C | |
| | Surrogate: 2-Fluorophenol | 35 | | % | 09/27/2001 | 1277 | 2712 | | jrj | SW 8270C | |
| | Surrogate: Tribromophenol | 18 | note | % | 09/27/2001 | 1277 | 2712 | | jrj | SW 8270C | |
| | TPH - GRO (Aqueous) | <1 | | mg/L | 10/03/2001 | | 88 | <1 | meh | SW 8015M | |

SAMPLE NO. 708707 **SAMPLE DESCRIPTION SBI002:HMW9S:G091901:523** **DATE/TIME TAKEN 09/19/2001 15:30**

| | | | | | | | | | | | |
|--------------------------------|----------|--|--|------|------------|------|------|----------|-----|-----------------------------|--|
| Prep, Base Neutral | Complete | | | | 09/24/2001 | 1277 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 | |
| Prep, Acid Extractable | Complete | | | | 09/24/2001 | 1277 | | Complete | rec | EPA 625 ; SW 3510C ; SW 352 | |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | | |
| 8260 - SW846 (AQ) | Complete | | | | 09/26/2001 | | 3605 | Complete | dmg | | |
| Acetone | <20.0 | | | ug/L | 09/26/2001 | | 3605 | <20.0 | dmg | SW 8260B | |
| Benzene | <1.0 | | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B | |
| tert-Butylbenzene | <1.0 | | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B | |
| sec-Butylbenzene | <1.0 | | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B | |
| n-Butylbenzene | <1.0 | | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

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6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 708707 | SBI002:HMW9S:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 15:30 |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| | Ethylbenzene | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| | Hexachlorobutadiene | <5.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <5.0 | dmg | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <5.0 | dmg | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/26/2001 | 3605 | 3605 | <12.5 | dmg | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <5.0 | dmg | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <5.0 | dmg | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <5.0 | dmg | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/26/2001 | 3605 | 3605 | <12.5 | dmg | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <5.0 | dmg | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| | Tetrachloroethene | 749 | | ug/L | 09/26/2001 | 3608 | 3608 | <10 | dmg | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <5.0 | dmg | SW 8260B |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |
| | Trichloroethene | <1.0 | | ug/L | 09/26/2001 | 3605 | 3605 | <1.0 | dmg | SW 8260B |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|------------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 708707 | SBI002:HMW9S:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 15:30 |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Vinyl Acetate | <5.0 | | ug/L | 09/26/2001 | | 3605 | <5.0 | dmg | SW 8260B |
| | Vinyl Chloride | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | Xylenes | <1.0 | | ug/L | 09/26/2001 | | 3605 | <1.0 | dmg | SW 8260B |
| | d4-1,2-Dichloroethane (surr) | 106 | | % | 09/26/2001 | | 3605 | | dmg | SW 8260B |
| | Dibromofluoromethane (surr) | 103 | | % | 09/26/2001 | | 3605 | | dmg | SW 8260B |
| | d8-Toluene (surr) | 98 | | % | 09/26/2001 | | 3605 | | dmg | SW 8260B |
| | Bromofluorobenzene (surr) | 101 | | % | 09/26/2001 | | 3605 | | dmg | SW 8260B |
| | BASE NEUTRAL COMP. (AQ) 8270 | | | | | | | | | |
| | Acenaphthene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Acenaphthylene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Anthracene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Benzo(a)anthracene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Benzo(b)fluoranthene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Benzo(k)fluoranthene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Benzo(a)pyrene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Benzyl alcohol | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Benzyl butyl phthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | bis(2-Chloroethyl)ether | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | bis(2-Chloroethoxy)methane | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | bis(2-Ethylhexyl)phthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 2,2'-oxybis(1-Chloropropane) | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|------------|---------------------------|--------|------|-------|------------|-------|-------|-----------|----------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | Limit | Initials | |
| 708707 | SBI002:HMW9S:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 15:30 |
| | -Bromophenyl phenyl ether | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 4-Chloroaniline | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 2-Chloronaphthalene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Chrysene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Dibenzo(a,h)anthracene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Dibenzofuran | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 1,2-Dichlorobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 1,3-Dichlorobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 1,4-Dichlorobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 3,3'-Dichlorobenzidine | <50 | | ug/L | 09/27/2001 | 1277 | 2705 | <50 | dmg | SW 8270C |
| | Diethyl phthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Dimethyl phthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 2,4-Dinitrotoluene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | 2,6-Dinitrotoluene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Di-n-octylphthalate | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Fluoranthene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Fluorene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Hexachlorobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Hexachloro-1,3-butadiene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Hexachlorocyclopentadiene | <20 | | ug/L | 09/27/2001 | 1277 | 2705 | <20 | dmg | SW 8270C |
| | Hexachloroethane | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Indeno(1,2,3-cd)pyrene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Isophorone | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Naphthalene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | Nitrobenzene | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| | N-Nitrosodi-n-propylamine | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date | Prep | Run | Reporting | Analyst | Method Reference |
|-----------------------------|--------------------------|--------|------|-------|------------|-------|-------|-----------|---------|-------------------------------------|
| | | | | | Analyzed | Batch | Batch | | | |
| 708707 | SBI002:HMW9S:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 15:30 |
| Phenanthrene | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| Pyrene | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 1,2,4-Trichlorobenzene | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| Surrogate: d5-Nitrobenzene | | 82 | | % | 09/27/2001 | 1277 | 2705 | | dmg | SW 8270C |
| Surrogate: 2-Fluorobiphenyl | | 86 | | % | 09/27/2001 | 1277 | 2705 | | dmg | SW 8270C |
| Surrogate: d14-Terphenyl | | 66 | | % | 09/27/2001 | 1277 | 2705 | | dmg | SW 8270C |
| ACID COMPOUNDS (AQ) 8270 | | | | | | | | | | |
| Benzoic acid | | <50 | | ug/L | 09/27/2001 | 1277 | 2705 | <50 | dmg | SW 8270C |
| 4-Chloro-3-methylphenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 2-Chlorophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 2,4-Dichlorophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 2,4-Dimethylphenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 2-Methyl-4,6-dinitrophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 2-Methylphenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| meta & para-Methylphenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 2-Nitrophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| Pentachlorophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| Phenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 2,4,5-Trichlorophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| 2,4,6-Trichlorophenol | | <10 | | ug/L | 09/27/2001 | 1277 | 2705 | <10 | dmg | SW 8270C |
| Surrogate: d6-Phenol | | 62 | | % | 09/27/2001 | 1277 | 2705 | | dmg | SW 8270C |
| Surrogate: 2-Fluorophenol | | 70 | | % | 09/27/2001 | 1277 | 2705 | | dmg | SW 8270C |
| Surrogate: Tribromophenol | | 55 | | % | 09/27/2001 | 1277 | 2705 | | dmg | SW 8270C |
| TPH - GRO (Aqueous) | | <1 | | mg/L | 10/03/2001 | | 88 | <1 | meb | SW 8015M |

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep Batch Number | Run Batch Number | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|---------------------------------------|--------------------------|----------|------|-------|---------------|-------------------|------------------|-----------------|------------------|------------------|------------------|
| | | | | | | | | | | | |
| 708708 | SBI002:HMW9D:G091901:523 | | | | | | | | | | 09/19/2001 16:20 |
| ICPMS TOTAL METALS | | | | | | | | | | | |
| | ICPMS TOTAL METALS | Complete | | | 10/04/2001 | | 2586 | Complete | ekh | SW 6020 | |
| | Arsenic, ICPMS | <0.0050 | | mg/L | 10/03/2001 | 1851 | 3715 | <0.0050 | kmb | SW 6020 | |
| | Barium, ICPMS | 0.0823 | | mg/L | 10/04/2001 | 1851 | 3927 | <0.0050 | ekh | SW 6020 | |
| | Cadmium, ICPMS | 0.0016 | | mg/L | 10/03/2001 | 1851 | 3594 | <0.0010 | kmb | SW 6020 | |
| | Chromium, ICPMS (0.005) | <0.0050 | | mg/L | 10/03/2001 | 1851 | 3992 | <0.0050 | kmb | SW 6020 | |
| | Lead, ICPMS | 0.0142 | | mg/L | 10/03/2001 | 1851 | 3672 | <0.0010 | kmb | SW 6020 | |
| | Mercury, CVAA | <0.0002 | | mg/L | 09/26/2001 | 1417 | 1363 | <0.0002 | epk | SW 7470A | |
| | Selenium, GFAA | <0.0050 | | mg/L | 09/28/2001 | 755 | 579 | <0.0050 | lnh | SW 7740 | |
| | Silver, ICPMS | <0.0005 | | mg/L | 10/03/2001 | 1851 | 3929 | <0.0005 | kmb | SW 6020 | |
| | Metals Digestion, ICPMS | Complete | | | 09/27/2001 | 1851 | | Complete | clm | SW 3010A | |
| | Metals Digestion, GFAA | Complete | | | 09/26/2001 | 755 | | Complete | mrt | SW 3020A | |
| | Manual Mercury Digestion | Complete | | | 09/25/2001 | 1417 | | Complete | epk | SW 7470A | |
| VOLATILE COMPOUNDS - 8260 (AQ) | | | | | | | | | | | |
| | 8260 - SW846 (AQ) | Complete | | | 09/26/2001 | | 3608 | Complete | dmg | | |
| | Acetone | <20.0 | | ug/L | 09/26/2001 | | 3608 | <20.0 | dmg | SW 8260B | |
| | Benzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | tert-Butylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | sec-Butylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | n-Butylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | Bromochloromethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | Bromodichloromethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | Bromoform | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | Bromobenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | 2-Butanone (MEK) | <12.5 | | ug/L | 09/26/2001 | | 3608 | <12.5 | dmg | SW 8260B | |
| | Carbon disulfide | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
 HULL & ASSOC. (Dublin)
 6130 Wilcox Rd.
 Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference | DATE/TIME TAKEN |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | | |
| 708708 | SBI002:HMW9D:G091901:523 | | | | | | | | | | 09/19/2001 16:20 |
| | Carbon tetrachloride | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | Chlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | Chloroethane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B | |
| | 2-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | 4-Chlorotoluene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | Chloroform | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | Chloromethane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B | |
| | Dibromochloromethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | Dibromomethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | Dichlorodifluoromethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | 1,2-Dibromo-3-chloropropane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B | |
| | 1,2-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | 1,3-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | 1,4-Dichlorobenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | 1,1-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | 1,2-Dichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | 1,1-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | cis-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | trans-1,2-Dichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | 1,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | 1,3-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | 2,2-Dichloropropane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | 1,1-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | cis-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | trans-1,3-Dichloropropene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |
| | Ethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B | |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------|-----------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|-------------------------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 708708 | SBI002:HMW9D:G091901:523 | | | | | | | | | DATE/TIME TAKEN 09/19/2001 16:20 |
| | hexachlorobutadiene | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | n-Hexane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 2-Hexanone | <12.5 | | ug/L | 09/26/2001 | | 3608 | <12.5 | dmg | SW 8260B |
| | Isopropylbenzene (Cumene) | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | p-Isopropyltoluene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Bromomethane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | Methylene Chloride | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | Methyl t-butyl ether (MTBE) | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 4-Methyl-2-pentanone (MIBK) | <12.5 | | ug/L | 09/26/2001 | | 3608 | <12.5 | dmg | SW 8260B |
| | n-Propylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Styrene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Naphthalene | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Tetrachloroethene | 2.5 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Toluene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,2,4-Trichlorobenzene | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 1,1,1-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,1,2-Trichloroethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Trichloroethene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Trichlorofluoromethane | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,2,3-Trichloropropane | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| | Vinyl Acetate | <5.0 | | ug/L | 09/26/2001 | | 3608 | <5.0 | dmg | SW 8260B |
| | Vinyl Chloride | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |

TestAmerica, Incorporated

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ANALYTICAL REPORT

Kevin Wildman
HULL & ASSOC. (Dublin)
6130 Wilcox Rd.
Dublin, OH 43016

10/12/2001

Job Number: 01.17471

Client Project ID: South Bend Indiana SBI002

| SAMPLE NO. | SAMPLE DESCRIPTION | Result | Flag | Units | Date Analyzed | Prep | Run | Reporting Limit | Analyst Initials | Method Reference |
|------------------------------|--------------------------|--------|------|-------|---------------|--------------|--------------|-----------------|------------------|------------------|
| | | | | | | Batch Number | Batch Number | | | |
| 708708 | SBI002:HMW9D:G091901:523 | | | | | | | | | |
| | | | | | | | | | | |
| Xylenes | | <1.0 | | ug/L | 09/26/2001 | | 3608 | <1.0 | dmg | SW 8260B |
| d4-1,2-Dichloroethane (surr) | | 109 | | % | 09/26/2001 | | 3608 | | dmg | SW 8260B |
| Dibromofluoromethane (surr) | | 104 | | % | 09/26/2001 | | 3608 | | dmg | SW 8260B |
| d8-Toluene (surr) | | 97 | | % | 09/26/2001 | | 3608 | | dmg | SW 8260B |
| Bromofluorobenzene (surr) | | 102 | | % | 09/26/2001 | | 3608 | | dmg | SW 8260B |

DATE/TIME TAKEN
09/19/2001 16:20

QUALITY CONTROL FLAG DEFINITIONS

Job Number: 01.17471

(*) Indicates an out-of-control QC. The analytical data was reported based on other supporting quality control information.

(Note) Indicates to review the notes and comments section of the analytical report as there is additional information concerning this analytical result.

(MS) Indicates that the Matrix Spike (MS) was out of statistical advisory limits.

(MSD) Indicates that the Matrix Spike Duplicate (MSD) was out of statistical advisory limits.

(RPD) Indicates that the Relative Percent Difference (RPD) for the MS/MSD pair was outside of statistical advisory limits.

(SS) Indicates that the MS and MSD were out of statistical advisory limits.

(SSR) Indicates that the MS, MSD and RPD were out of statistical advisory limits.

(MSR) Indicates that the MS and RPD were out of statistical advisory limits.

(MSDR) Indicates that the MSD and RPD were out of statistical advisory limits.

(DL) Indicates that the MS and MSD were diluted out and the percent recoveries of the spikes could not be calculated.

(LS) Indicates that statistical accuracy and precision data is not available for spike concentrations which are $< 1/4$ of the sample amount. Care should be used in interpreting this data.

(J) Indicates estimated concentration due to internal standard areas or surrogate recoveries outside of control limits. A sample matrix effect is usually indicated.

(DW) Indicates Dry Weight.

Analytical Reporting Limits

The reporting limits listed for non-aqueous samples in the analytical report section are Practical Quantitation Limits (PQLs). These PQLs are based upon a typical standard weight used for a non-aqueous sample. The reporting limit for a sample may be different from the PQL listed depending upon the actual weight of sample used, the samples moisture content and any dilutions used during the analysis.

TestAmerica, Incorporated

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NOTES AND COMMENTS

TestAmerica Job Number: 1.17471

Sample Number: 708699

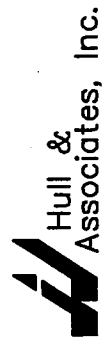
Analysis: 8270 BNA

Response for internal standards d12-chrysene and d12-perylene was below the recommended level.

Sample Number: 708706

Analysis: 8270 BNA

Recovery of surrogate 2,4,6-tribromophenol was below the recommended level.



Hull & Associates, Inc.

CHAIN OF CUSTODY RECORD

PAGE ____ OF ____

NO. **5372**

Dublin
 6130 Vicox Road
 Dublin, Ohio 43016
 Phone: (614)385-8777
 FAX: (614)385-9070

Toledo

3401 Glendale Avenue
 SUITE 300
 Toledo, Ohio 43614
 Phone: (419)385-2018
 FAX: (419)385-5489

Mason

4700 Duke Drive, Suite 172
 Mason, Ohio 45040
 Phone: (513)459-9677
 FAX: (513)459-9869

Warrensville Heights

4949 Galaxy Parkway, Suite S
 Warrensville Heights, Ohio 44128
 Phone: (216)514-7100
 FAX: (216)514-7104

REPORT TO: Kevin Willman

Client: South Bend
 Site: Area #
 Project#: SB1002 Phase: OL TST
 Samplers: S. Heath

ANALYSES

PRESERVATIVES GC GABAA

- SAMPLE TYPES**
 A - AIR
 C - ASPERSTOS
 D - SEDIMENT
 G - GROUNDWATER
 P - PRODUCT
 S - SOIL
 W - WATER
 Z - OTHERS
- PRESERVATIVES**
 A - Cool only, <4° C
 B - HNO₃, pH<2
 C - H₂SO₄, pH<2
 D - NaOH, pH>12
 E - Znacetate + NaOH, pH>8
 F - Hg₂SO₄(0.008%)
 G - HCl, pH<2
- METALS**
 F - FILTERED
 N - NOT FILTERED
 B - BOTH

All samples are kept at 4°C.

| PROJECT NO. | SAMPLE LOCATION | SAMPLE TYPE | SAMPLER ID | NO. OF METALS CONT. | SAMPLING DATE/TIME | COMMENTS |
|-------------|------------------|-------------|------------|---------------------|--------------------|--|
| SB1002 | Hmw6S : G09201D | | 503 | 7 | 9-20-01 7:40 | X VOC'S X GRO 8015 X TRH 48-1 X Metals X Syc X PCBs |
| SB1002 | MW301D : G092001 | | 523 | 2 | 9-20-01 12:30 | X VOC'S X GRO 8015 X TRH 48-1 |
| : | : | : | : | : | : | |
| : | : | : | : | : | : | |
| : | : | : | : | : | : | |
| : | : | : | : | : | : | |
| : | : | : | : | : | : | |
| : | : | : | : | : | : | |
| : | : | : | : | : | : | |
| : | : | : | : | : | : | |
| : | : | : | : | : | : | |

RELINQUISHED BY: Dann Boyd
 DATE: 9-20-01
 TIME: 11-17--
 RECEIVED BY: Matt Jony
 DATE: 9-20-01
 TIME: 17-00--
 RELINQUISHED BY: Matt Jony
 DATE: -- --
 TIME: -- --
 RECEIVED FOR LAB BY: P. Whitaker
 DATE: 9-21-01
 TIME: 9:30 am
 COOLER TEMPERATURE AS RECEIVED °C: 4°C

RECEIVED BY: Matt Jony
 DATE: 9-20-01
 TIME: 11-17--
 RECEIVED BY: Fed Ex
 DATE: 9-20-01
 TIME: 13-00--
 RECEIVED FOR LAB BY: P. Whitaker
 DATE: 9-21-01
 TIME: 9:30 am

Deliver To: Rec. Test America
 Method of Delivery: Fed Ex
 Airbill Number: _____
 NOTES: _____

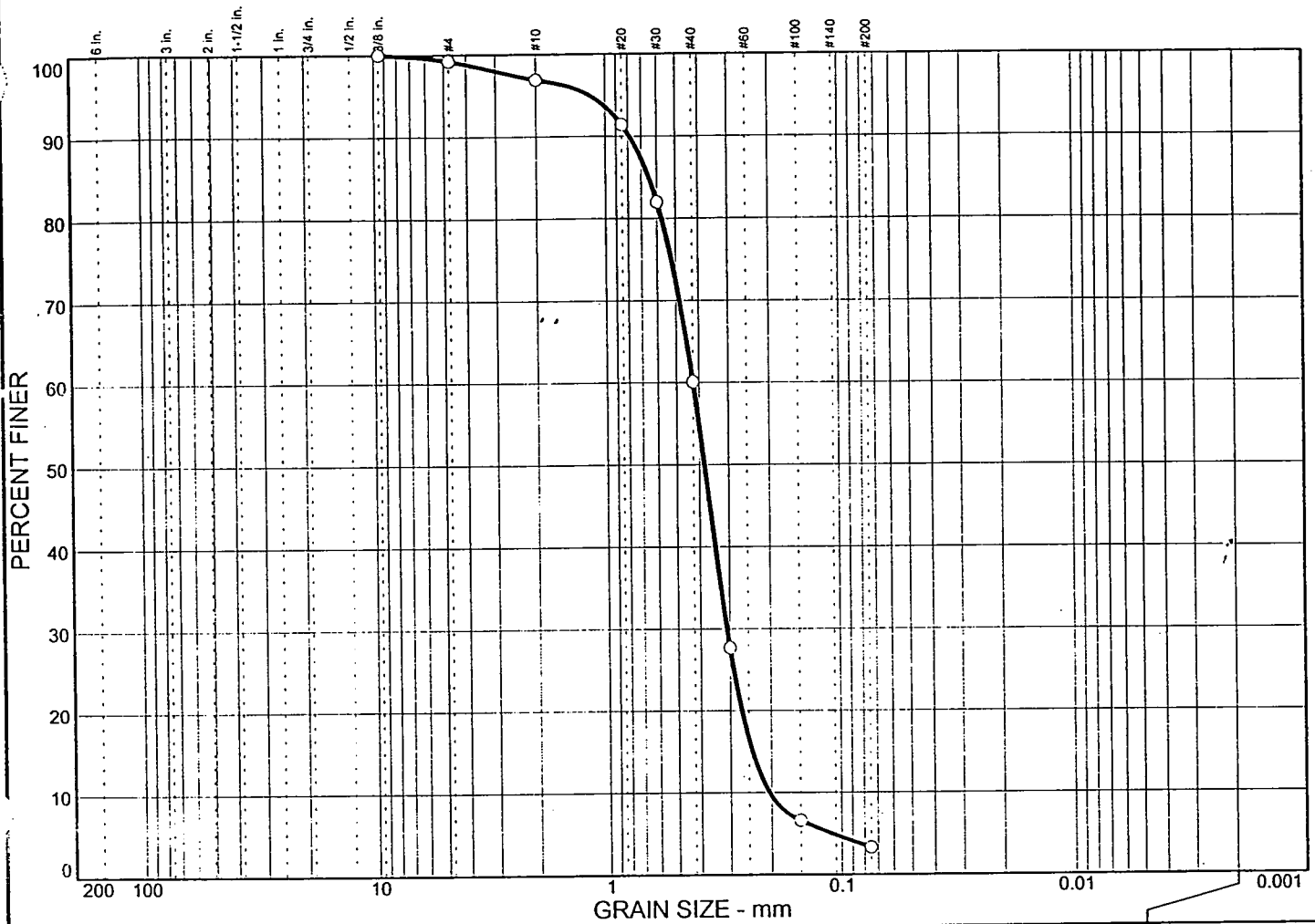
DISTRIBUTION:
 WIRE --- LAB USE (MUST BE RETURNED WITH REPORT)
 YELLOW --- LAB USE
 PINK --- RETAINED BY HM

TURN AROUND TIME: 5TD DAYS

APPENDIX F

Grain-size Distribution Curves

USCS Particle Size Distribution Report

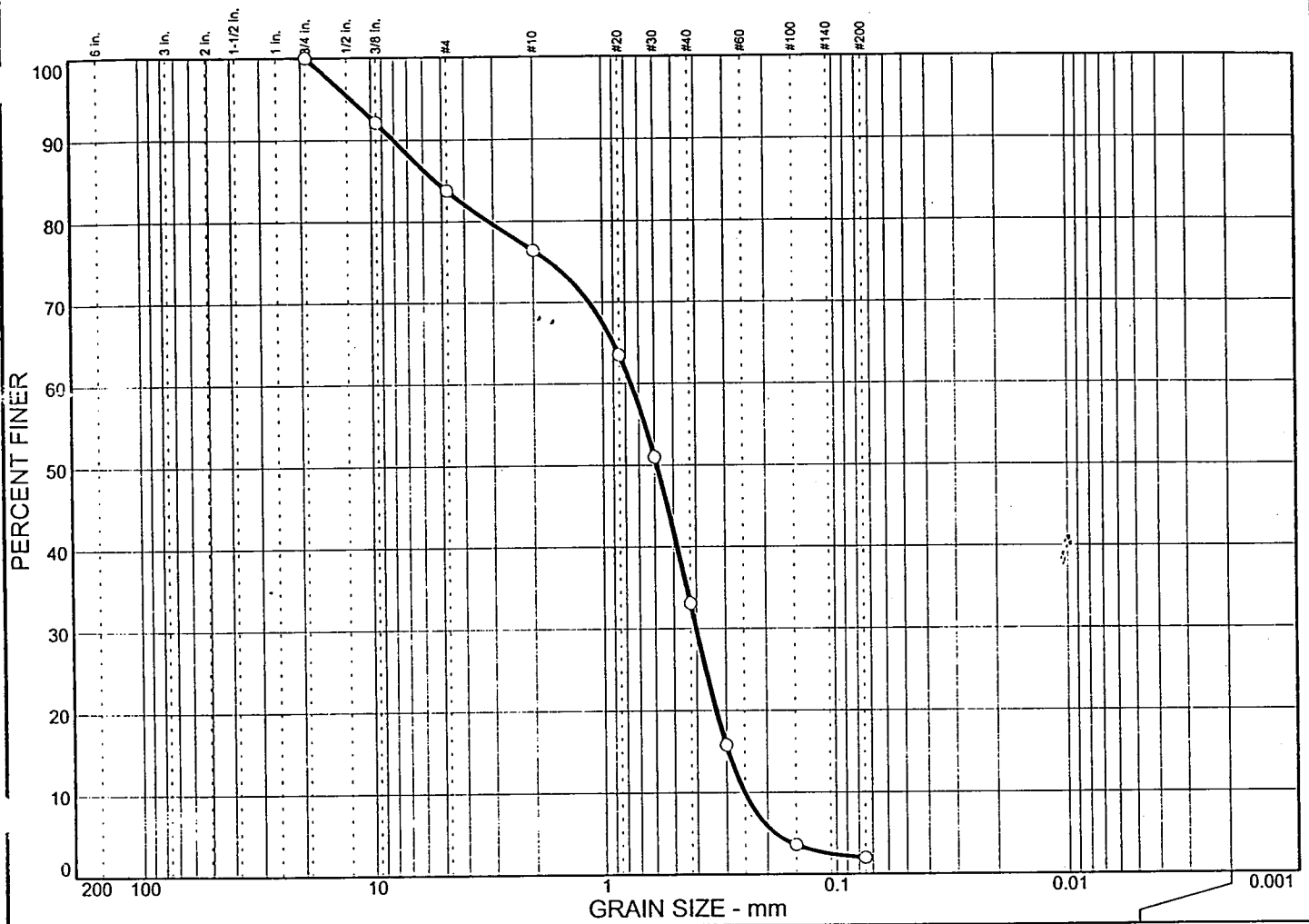


| % + 3" | % GRAVEL | | % SAND | | | % FINES | | | |
|--------|----------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|----------------|
| | CRS. | FINE | CRS. | MEDIUM | FINE | SILT | CLAY | | |
| 0.0 | 0.0 | 0.8 | 2.3 | 36.8 | 56.8 | 3.3 | | | |
| | | | | | | | | | |
| LL | PL | D ₈₅ | D ₆₀ | D ₅₀ | D ₃₀ | D ₁₅ | D ₁₀ | C _c | C _u |
| NP | NP | 0.650 | 0.425 | 0.381 | 0.309 | 0.241 | 0.204 | 1.10 | 2.08 |

| MATERIAL DESCRIPTION | USCS | AASHTO |
|--|------|--------|
| ○ BROWN POORLY GRADED SAND, TRACE FINES, GRAVEL. | SP | |

| | |
|--|---|
| Project No. SBI-002 Client: SOUTH BEND Project: AREA A ○ Location: 01-406 HMW-23S DEPTH: 14.0-15.0' | Remarks: ○ TESTED BY: MG CHECKED BY: JL MOISTURE CONTENT: 4.7% |
|--|---|

USCS Particle Size Distribution Report



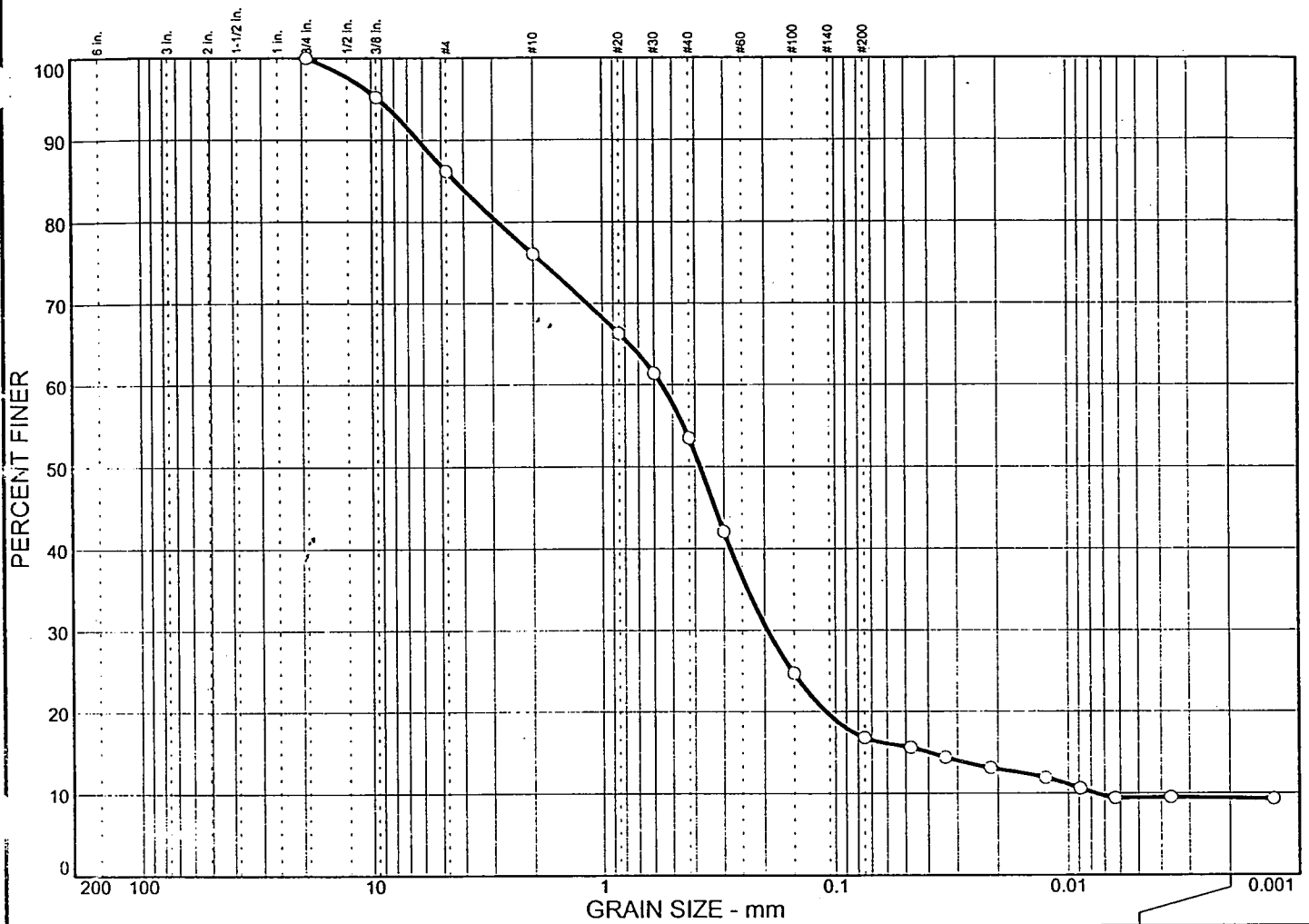
| % + 3" | % GRAVEL | | % SAND | | | % FINES | |
|--------|----------|------|--------|--------|------|---------|------|
| | CRS. | FINE | CRS. | MEDIUM | FINE | SILT | CLAY |
| 0.0 | 0.0 | 16.2 | 7.4 | 43.3 | 31.1 | 2.0 | |

| | LL | PL | D85 | D60 | D50 | D30 | D15 | D10 | Cc | Cu |
|---|----|----|------|-------|-------|-------|-------|-------|------|------|
| X | NP | NP | 5.31 | 0.757 | 0.587 | 0.402 | 0.294 | 0.250 | 0.85 | 3.03 |

| MATERIAL DESCRIPTION | | USCS | AASHTO |
|--|--|------|--------|
| BROWN POORLY GRADED SAND WITH GRAVEL, TRACE FINES. | | SP | |

| | |
|--|---|
| Project No. SBI-002 Client: SOUTH BEND Project: AREA A Location: 01-408 HMW-22D DEPTH: 16.0-18.0' | Remarks: TESTED BY: MG CHECKED BY: JL MOISTURE CONTENT: 3.3% |
| USCS Particle Size Distribution Report <h2 style="margin: 0;">HULL & ASSOCIATES, INC.</h2> | |
| FIGURE NUMBER | |

USCS Particle Size Distribution Report

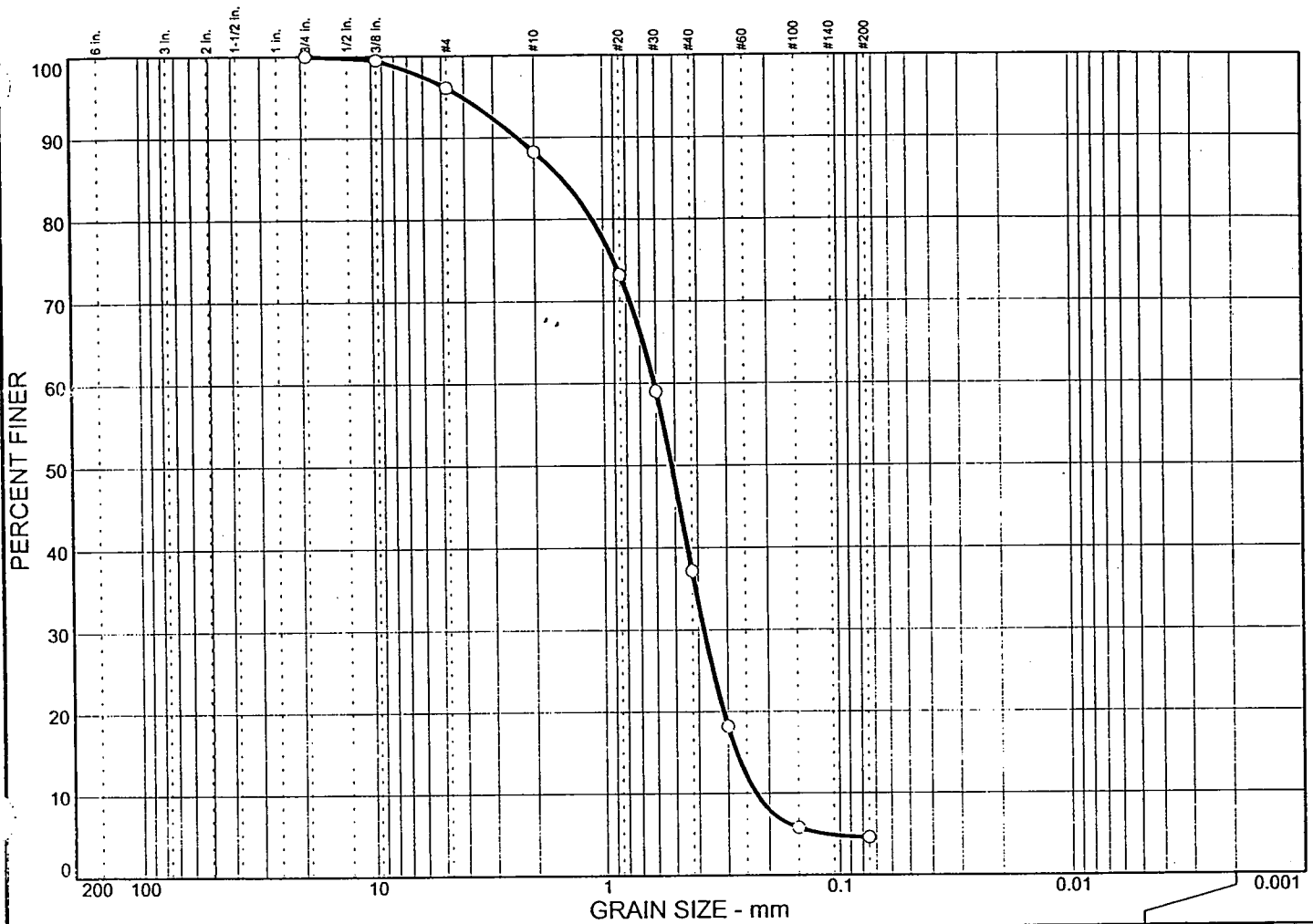


| % + 3" | % GRAVEL | | % SAND | | | % FINES | | | |
|--------|----------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|----------------|
| | CRS. | FINE | CRS. | MEDIUM | FINE | SILT | CLAY | | |
| 0.0 | 0.0 | 13.8 | 10.1 | 22.6 | 36.7 | 7.4 | 9.4 | | |
| | | | | | | | | | |
| LL | PL | D ₈₅ | D ₆₀ | D ₅₀ | D ₃₀ | D ₁₅ | D ₁₀ | C _c | C _u |
| 22 | 15 | 4.33 | 0.556 | 0.380 | 0.194 | 0.0397 | 0.0077 | 8.84 | 72.61 |

| MATERIAL DESCRIPTION | USCS | AASHTO |
|--|-------|--------|
| ○ BROWN SILTY, CLAYEY SAND, LITTLE GRAVEL. | SC-SM | |

| | |
|---|--|
| Project No. SBI-002 Client: SOUTH BEND Project: AREA A Location: 01-398 HMW-25 SS-2 DEPTH: 2.0-4.0' | Remarks: ○ TESTED BY: MG CHECKED BY: JL NATURAL MOISTURE: 8.7% |
|---|--|

USCS Particle Size Distribution Report

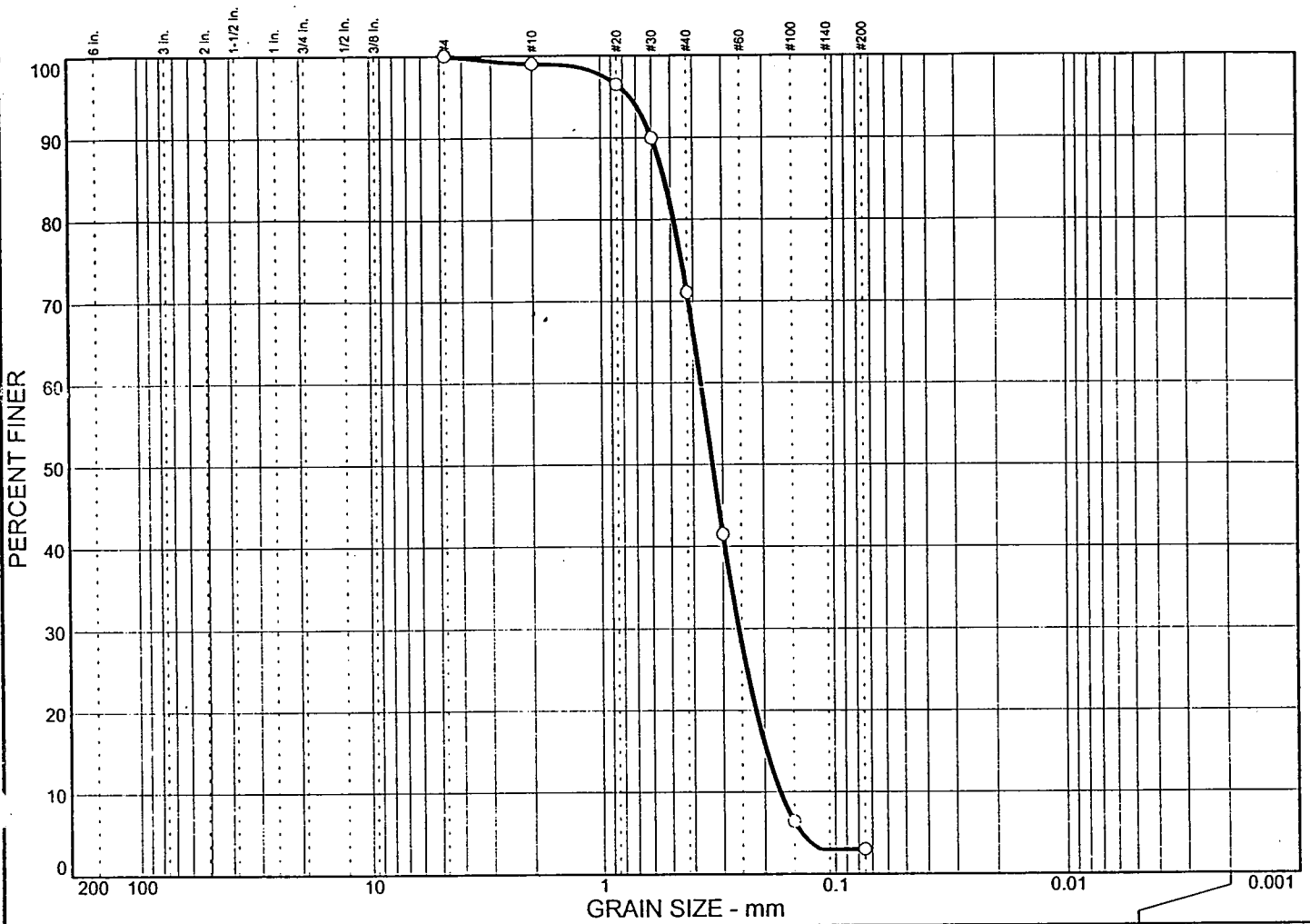


| % + 3" | % GRAVEL | | % SAND | | | % FINES | | | |
|--------|----------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|----------------|
| | CRS. | FINE | CRS. | MEDIUM | FINE | SILT | CLAY | | |
| ○ 0.0 | 0.0 | 3.9 | 7.9 | 51.0 | 32.6 | 4.6 | | | |
| | | | | | | | | | |
| LL | PL | D ₈₅ | D ₆₀ | D ₅₀ | D ₃₀ | D ₁₅ | D ₁₀ | C _c | C _u |
| ○ NP | NP | 1.52 | 0.611 | 0.517 | 0.378 | 0.275 | 0.227 | 1.03 | 2.69 |

| MATERIAL DESCRIPTION | USCS | AASHTO |
|--|------|--------|
| ○ BROWN POORLY GRADED SAND, TRACE FINES, GRAVEL. | SP | |

| | |
|---|--|
| Project No. SBI-002 Client: SOUTH BEND Project: AREA A ○ Location: 01-397 HMW-29D DEPTH: 4.0-6.0' | Remarks: ○ TESTED BY: MG CHECKED BY: JL MOISTURE CONTENT: 5.9% |
|---|--|

USCS Particle Size Distribution Report



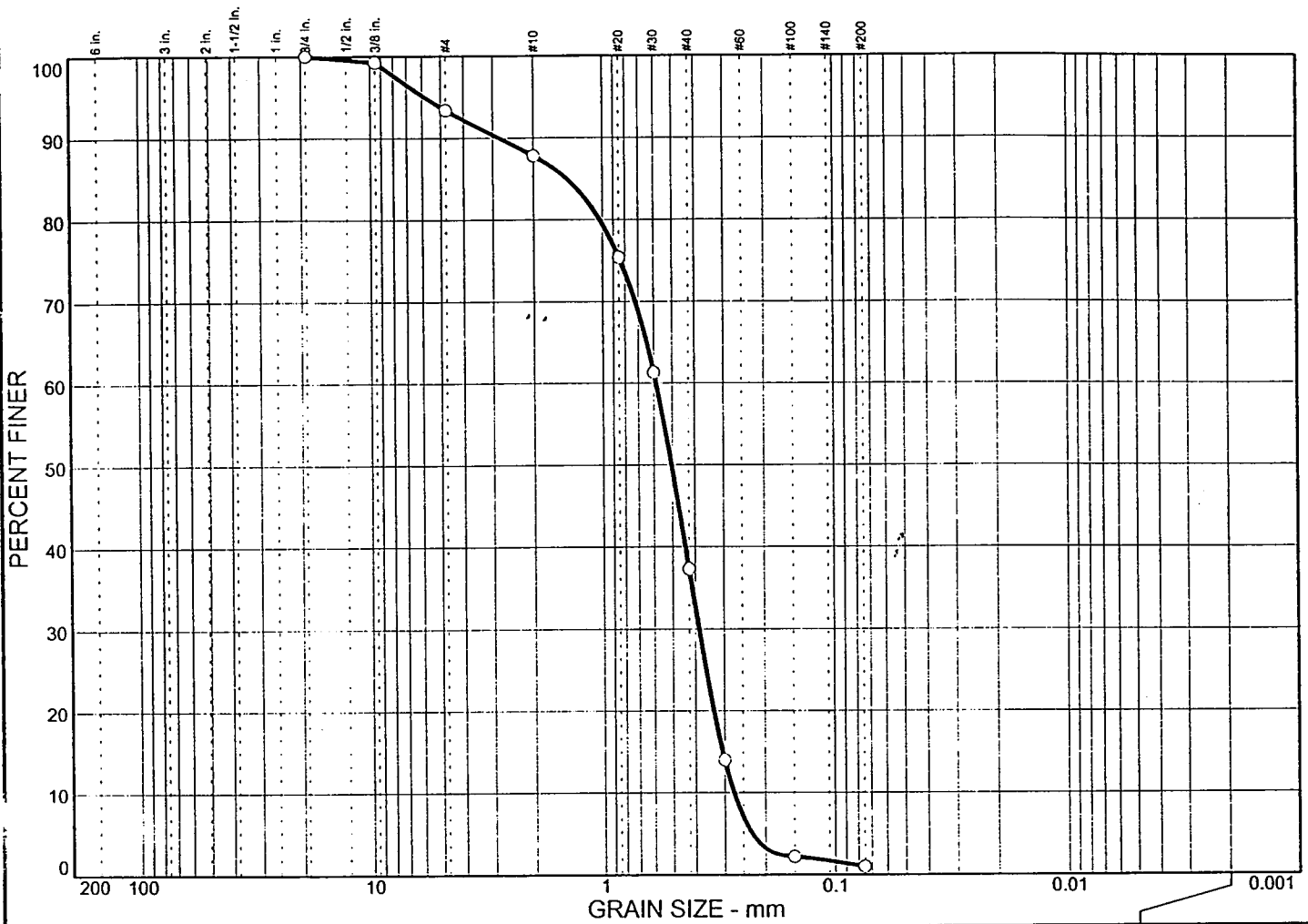
| % + 3" | % GRAVEL | | % SAND | | | % FINES | |
|--------|----------|------|--------|--------|------|---------|------|
| | CRS. | FINE | CRS. | MEDIUM | FINE | SILT | CLAY |
| 0.0 | 0.0 | 0.0 | 1.0 | 27.9 | 68.1 | 3.0 | |

| LL | PL | D ₈₅ | D ₆₀ | D ₅₀ | D ₃₀ | D ₁₅ | D ₁₀ | C _c | C _u |
|----|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|----------------|
| NP | NP | 0.531 | 0.371 | 0.332 | 0.257 | 0.196 | 0.171 | 1.04 | 2.17 |

| MATERIAL DESCRIPTION | USCS | AASHTO |
|--|------|--------|
| ○ BROWN POORLY GRADED SAND, TRACE FINES. | SP | |

| | |
|---|---|
| Project No. SBI-002 Client: SOUTH BEND Project: AREA A ○ Location: 01-405 HMW-8D DEPTH: 18.0-20.0' | Remarks: ○ TESTED BY: MG CHECKED BY: JL MOISTURE CONTENT: 4.7% |
|---|---|

USCS Particle Size Distribution Report

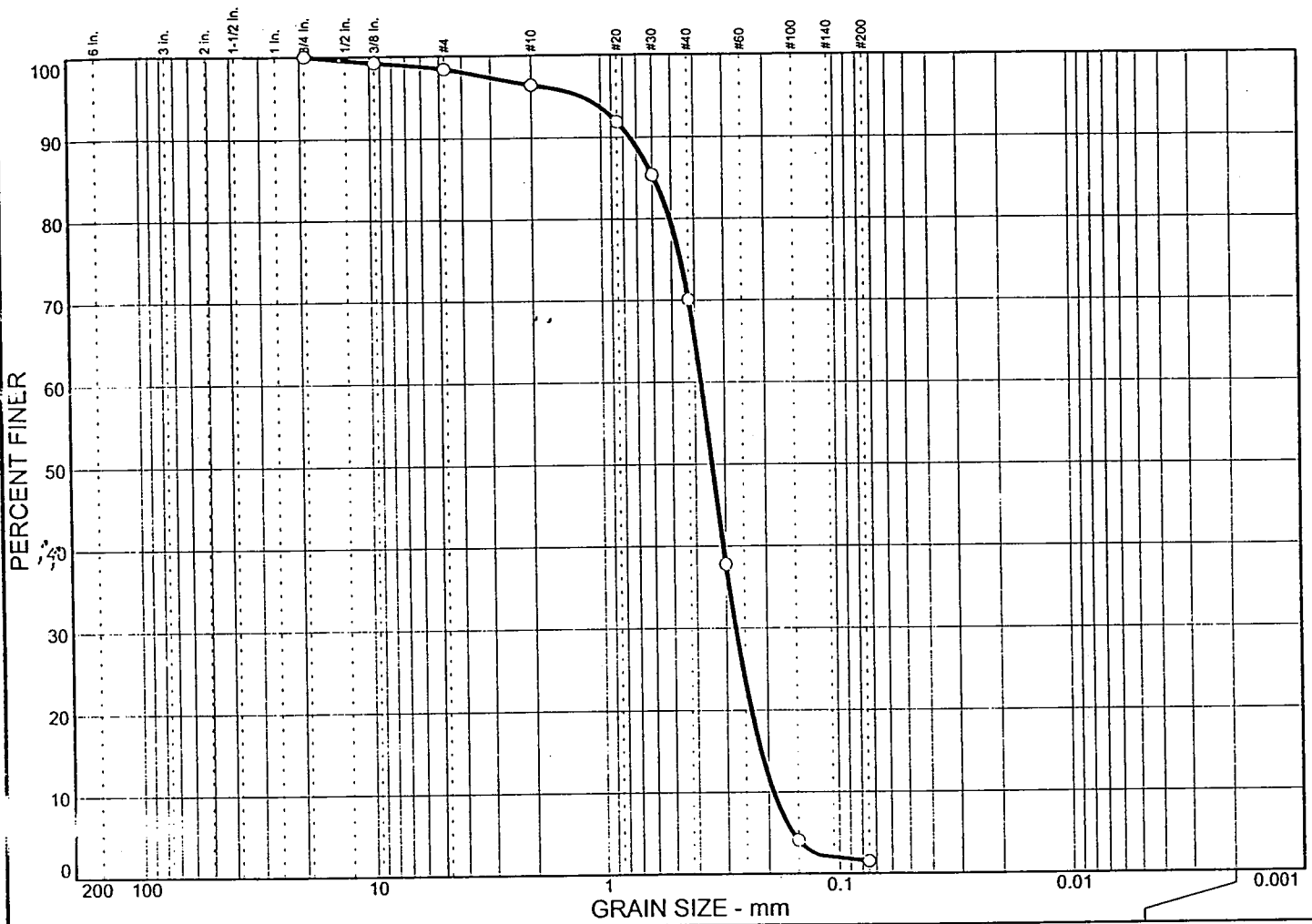


| % + 3" | % GRAVEL | | % SAND | | | % FINES | | | |
|--------|----------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|----------------|
| | CRS. | FINE | CRS. | MEDIUM | FINE | SILT | CLAY | | |
| 0.0 | 0.0 | 6.6 | 5.6 | 50.5 | 36.3 | 1.0 | | | |
| | | | | | | | | | |
| LL | PL | D ₈₅ | D ₆₀ | D ₅₀ | D ₃₀ | D ₁₅ | D ₁₀ | C _c | C _u |
| NP | NP | 1.43 | 0.587 | 0.504 | 0.386 | 0.306 | 0.274 | 0.93 | 2.14 |

| MATERIAL DESCRIPTION | USCS | AASHTO |
|---|------|--------|
| ○ GREY POORLY GRADED SAND, TRACE GRAVEL, FINES. | SP | |

| | |
|--|--|
| <p>Project No. SBI-002 Client: SOUTH BEND</p> <p>Project: AREA A</p> <p>○ Location: 01-400 HMW-9D DEPTH: 30.0-32.0'</p> | <p>Remarks:</p> <p>○ TESTED BY: MG</p> <p style="padding-left: 20px;">CHECKED BY: JL</p> <p style="padding-left: 20px;">MOISTURE CONTENT: 16.7%</p> |
| <p>USCS Particle Size Distribution Report</p> <p>HULL & ASSOCIATES, INC.</p> | |
| <p>FIGURE NUMBER</p> | |

USCS Particle Size Distribution Report

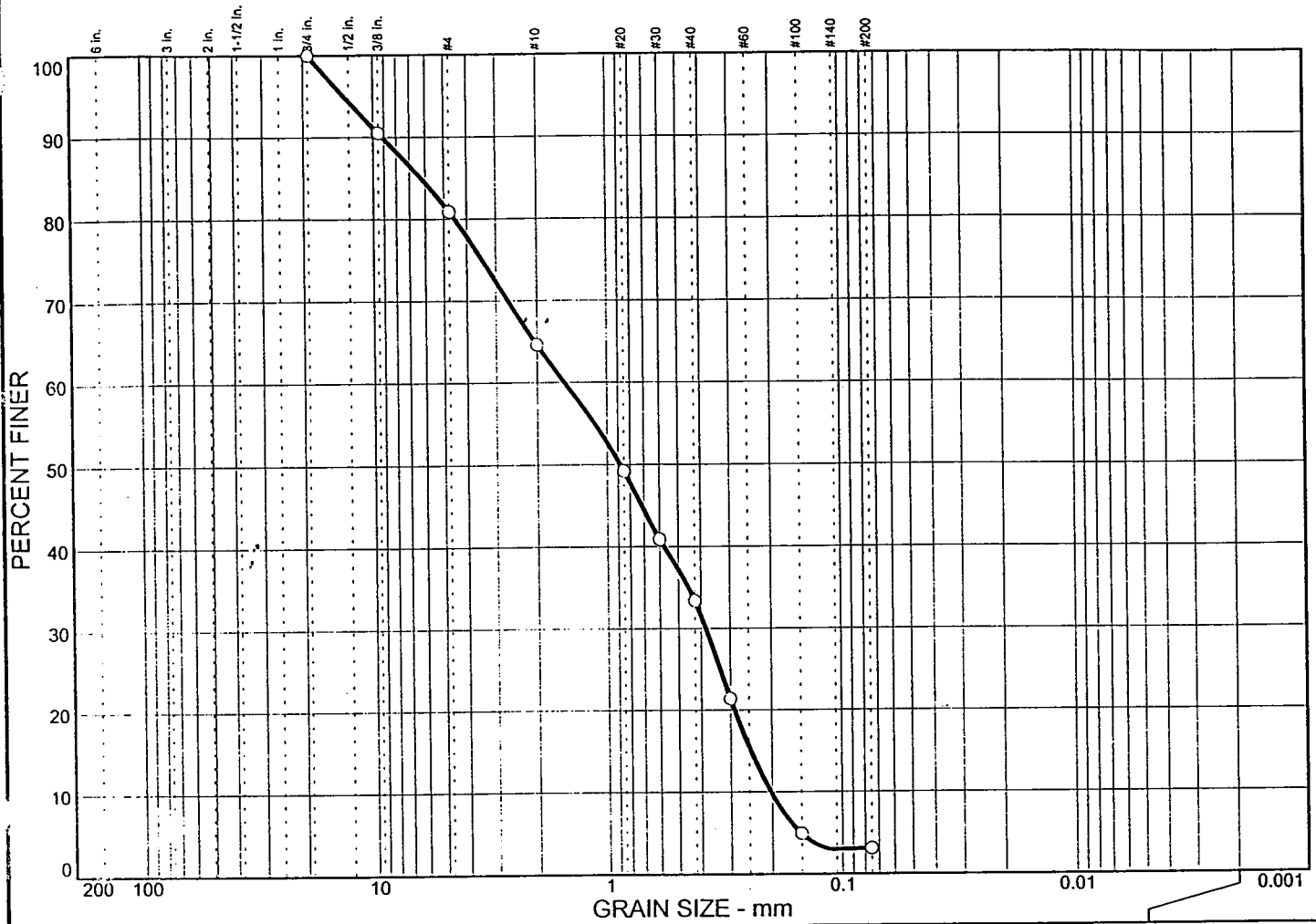


| % + 3" | % GRAVEL | | % SAND | | | % FINES | | | | |
|-------------------------------------|----------|------|--------|--------|-------|---------|-------|-------|------|------|
| | CRS. | FINE | CRS. | MEDIUM | FINE | SILT | CLAY | | | |
| 0.0 | 0.0 | 1.6 | 2.0 | 26.3 | 68.6 | 1.5 | | | | |
| | | | | | | | | | | |
| <input checked="" type="checkbox"/> | LL | PL | D85 | D60 | D50 | D30 | D15 | D10 | Cc | Cu |
| 0 | NP | NP | 0.591 | 0.377 | 0.341 | 0.273 | 0.215 | 0.190 | 1.04 | 1.98 |
| | | | | | | | | | | |

| MATERIAL DESCRIPTION | USCS | AASHTO |
|--|------|--------|
| 0 BROWN POORLY GRADED SAND, TRACE GRAVEL, FINES. | SP | |

| | |
|---|--|
| Project No. SBI-002 Client: SOUTH BEND Project: AREA A 0 Location: 01-407 HMW-11D DEPTH: 14.0-16.0' | Remarks: 0 TESTED BY: MG CHECKED BY: JL MOISTURE CONTENT: 4.7% |
|---|--|

USCS Particle Size Distribution Report



| % + 3" | % GRAVEL | | % SAND | | | % FINES | |
|--------|----------|------|--------|--------|------|---------|------|
| | CRS. | FINE | CRS. | MEDIUM | FINE | SILT | CLAY |
| 0.0 | 0.0 | 19.1 | 16.3 | 31.2 | 30.3 | 3.1 | |

| LL | PL | D ₈₅ | D ₆₀ | D ₅₀ | D ₃₀ | D ₁₅ | D ₁₀ | C _c | C _u |
|----|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|----------------|
| NP | NP | 6.24 | 1.52 | 0.881 | 0.381 | 0.246 | 0.202 | 0.47 | 7.51 |

| MATERIAL DESCRIPTION | USCS | AASHTO |
|--|------|--------|
| ○ BROWN POORLY GRADED SAND WITH GRAVEL, TRACE FINES. | SP | |

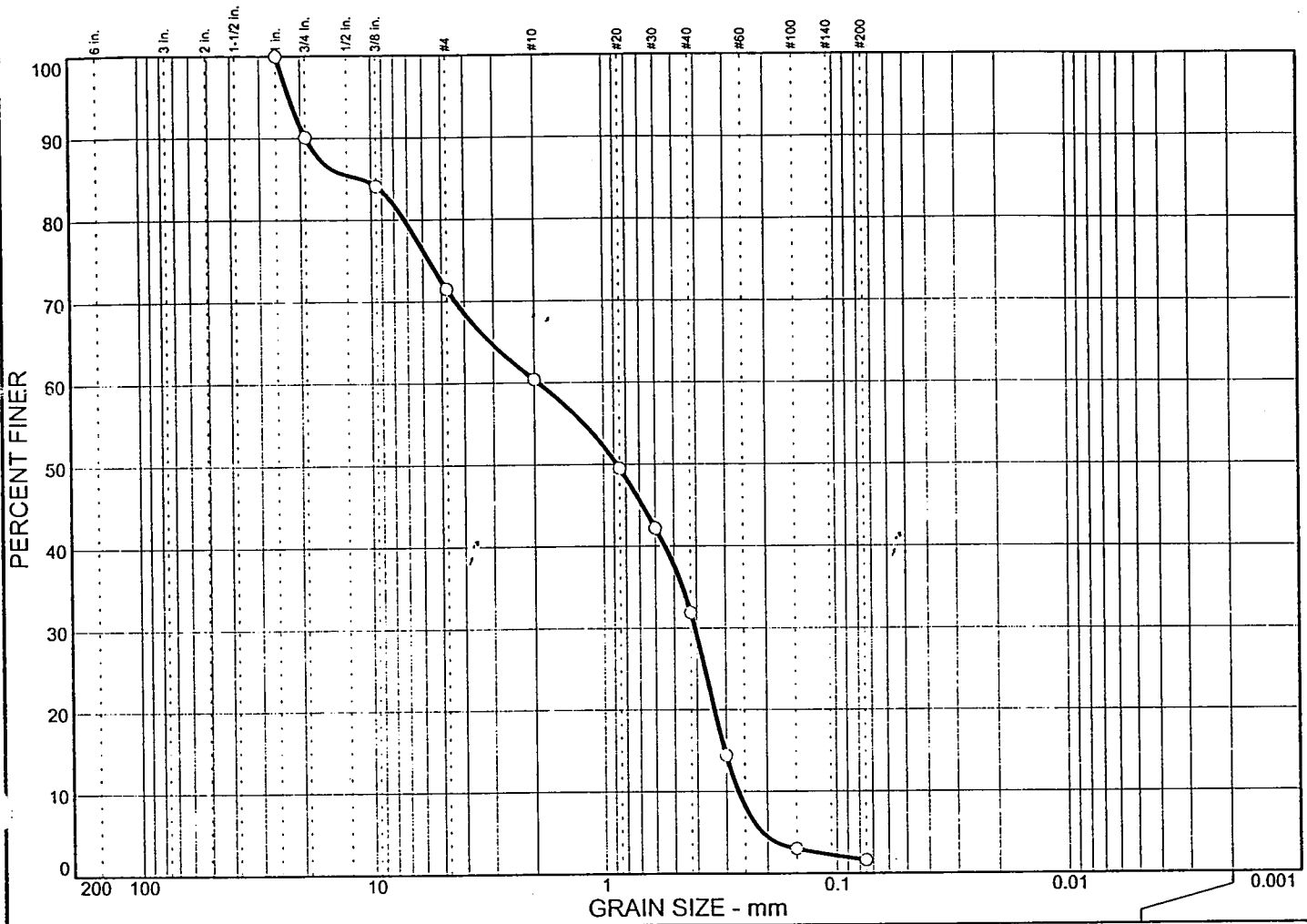
Project No. SBI-002 Client: SOUTH BEND
 Project: AREA A
 Location: 01-409 HMW-12D DEPTH: 12.0-14.0'

Remarks:
 ○ TESTED BY: MG
 CHECKED BY: JL
 MOISTURE CONTENT: 4.2%

USCS Particle Size Distribution Report
HULL & ASSOCIATES, INC.

FIGURE NUMBER

USCS Particle Size Distribution Report



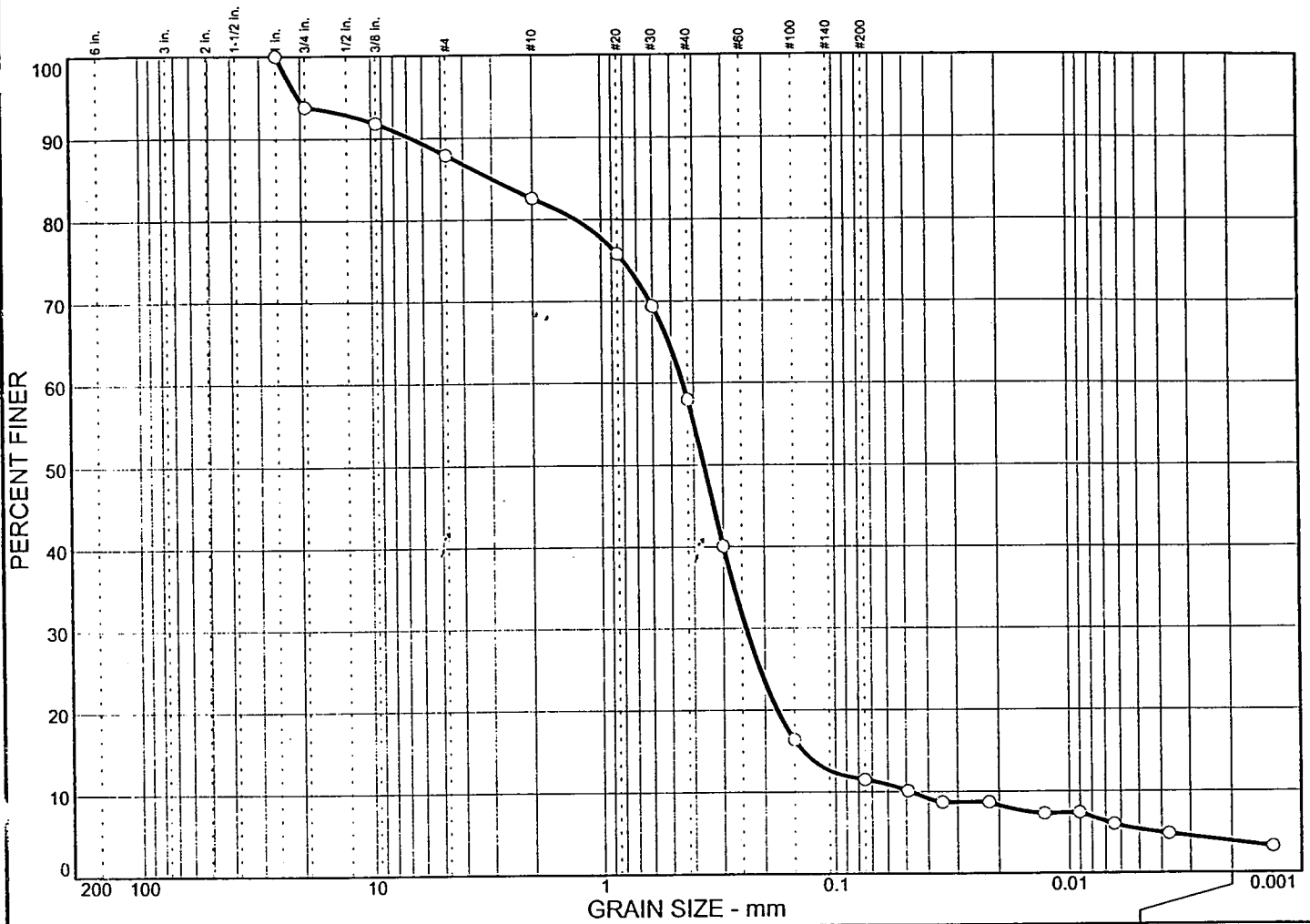
| % + 3" | % GRAVEL | | % SAND | | | % FINES | |
|--------|----------|------|--------|--------|------|---------|------|
| | CRS. | FINE | CRS. | MEDIUM | FINE | SILT | CLAY |
| 0.0 | 9.9 | 18.6 | 11.1 | 28.5 | 30.3 | 1.6 | |

| LL | PL | D ₈₅ | D ₆₀ | D ₅₀ | D ₃₀ | D ₁₅ | D ₁₀ | C _c | C _u |
|----|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|----------------|
| NP | NP | 11.0 | 1.92 | 0.874 | 0.408 | 0.304 | 0.266 | 0.32 | 7.21 |

| MATERIAL DESCRIPTION | USCS | AASHTO |
|--|------|--------|
| ○ BROWN POORLY GRADED SAND WITH GRAVEL, TRACE FINES. | SP | |

| | |
|---|---|
| Project No. SBI-002 Client: SOUTH BEND Project: AREA A ○ Location: 01-402 HMW-13D DEPTH: 32.0-33.0' | Remarks: ○ TESTED BY: MG CHECKED BY: JL MOISTURE CONTENT: 11.9% |
|---|---|

USCS Particle Size Distribution Report



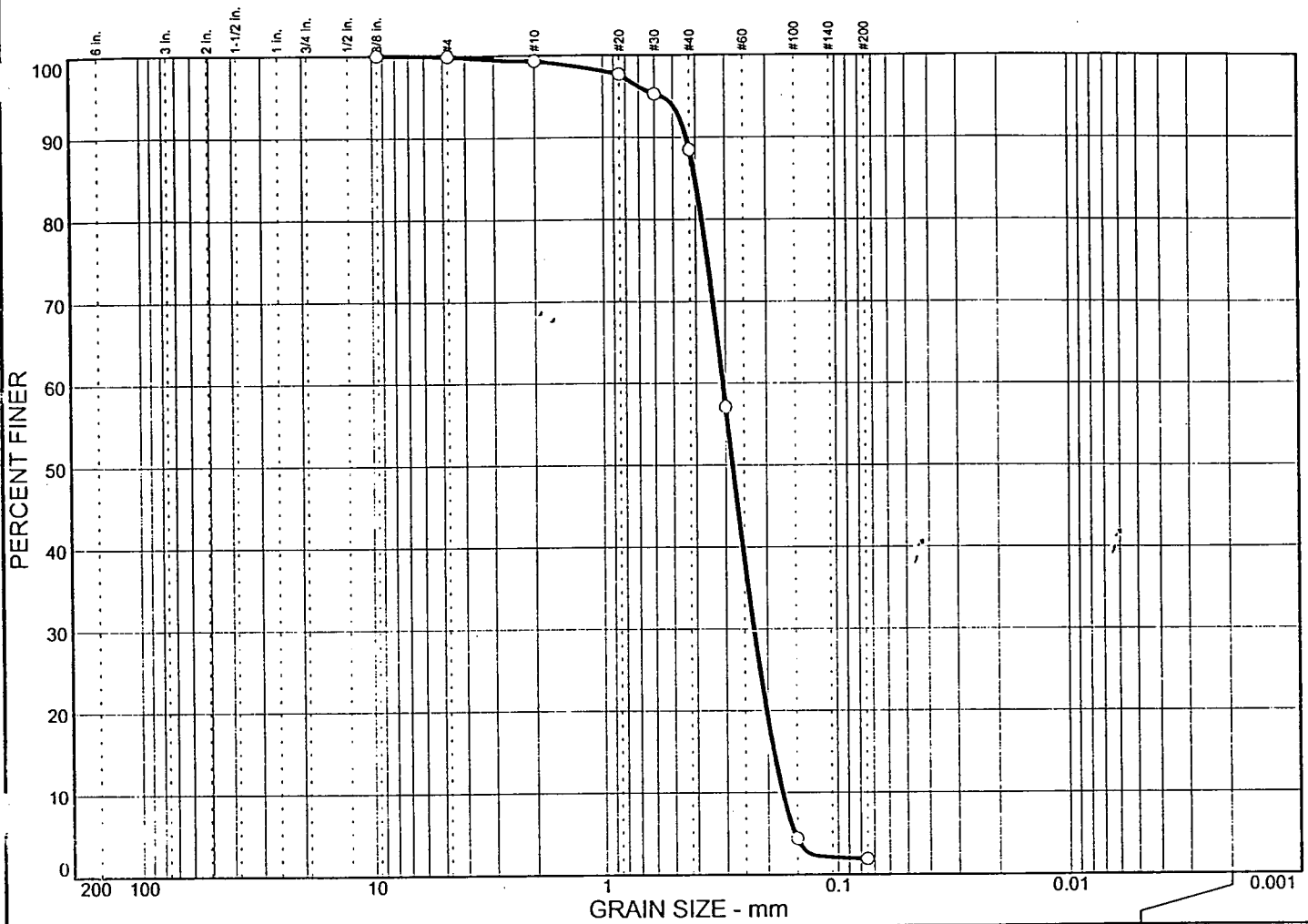
| % + 3" | % GRAVEL | | % SAND | | | % FINES | |
|--------|----------|------|--------|--------|------|---------|------|
| | CRS. | FINE | CRS. | MEDIUM | FINE | SILT | CLAY |
| 0.0 | 6.2 | 5.9 | 5.3 | 24.6 | 46.5 | 7.7 | 3.8 |

| LL | PL | D ₈₅ | D ₆₀ | D ₅₀ | D ₃₀ | D ₁₅ | D ₁₀ | C _c | C _u |
|----|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|----------------|
| NP | NP | 3.00 | 0.445 | 0.362 | 0.240 | 0.137 | 0.0479 | 2.70 | 9.29 |

| MATERIAL DESCRIPTION | USCS | AASHTO |
|--|-------|--------|
| ○ BROWN WELL-GRADED SAND, LITTLE GRAVEL, TRACE SILT, CLAY. | SW-SM | |

| | |
|--|--|
| Project No. SBI-002 Client: SOUTH BEND Project: AREA A Location: 01-403 HMW-19S DEPTH: 2.0-4.0' | Remarks: ○ TESTED BY: MG CHECKED BY: JL NATURAL MOISTURE: 8.9% |
|--|--|

USCS Particle Size Distribution Report



| % + 3" | % GRAVEL | | % SAND | | | % FINES | |
|--------|----------|------|--------|--------|------|---------|------|
| | CRS. | FINE | CRS. | MEDIUM | FINE | SILT | CLAY |
| 0.0 | 0.0 | 0.1 | 0.6 | 10.8 | 86.6 | 1.9 | |

| LL | PL | D ₈₅ | D ₆₀ | D ₅₀ | D ₃₀ | D ₁₅ | D ₁₀ | C _c | C _u |
|----|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|----------------|
| NP | NP | 0.402 | 0.308 | 0.280 | 0.228 | 0.188 | 0.173 | 0.98 | 1.78 |

| MATERIAL DESCRIPTION | USCS | AASHTO |
|--|------|--------|
| ○ BROWN POORLY GRADED SAND, TRACE FINES, GRAVEL. | SP | |

| | |
|--|--|
| Project No. SBI-002 Client: SOUTH BEND Project: AREA A ○ Location: 01-396 HMW-21D DEPTH: 4.0-6.0' | Remarks: ○ TESTED BY: MG CHECKED BY: JL MOISTURE CONTENT: 18.5% |
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APPENDIX G

Institutional Controls Guidance from IDEM's RISC Resource Guide

Overview of Appendix 5

- ❖ Introduction
- ❖ Environmental Notice Criteria
- ❖ Minimum Environmental Notice Requirements and Language
- ❖ Environmental Notice Alternative for Ground Water Contamination
- ❖ Environmental Notice Generic Form

A5.0 Introduction

Institutional controls are non-engineered, administratively and legally enforceable measures that limit human exposure to environmental chemicals of concern (COCs). Institutional controls can serve several purposes, including:

- Notifying current and future owners about the environmental conditions of the property
- Limiting use of the land to prevent activities that could result in unacceptable exposures to receptors

Institutional controls are used when a cleanup leaves COC concentrations that exceed residential closure levels, and exposure to the remaining contamination must be prevented. Whenever institutional controls are used, a control requirement (or environmental notice) is recorded where a reasonably diligent inquiry into a property should uncover the existence of such a notice. Examples of institutional controls are land-use restrictions, deed restrictions, deed notices, and declarations of environmental restrictions.

A common method of recording an institutional control is the deed notice, or, for Risk Integrated System of Closure (RISC) purposes, an environmental notice. Under certain circumstances, a local ordinance can substitute for an environmental notice. The primary criteria for an institutional control are that it (1) provide legal notice to current and potential future property owners of the nature and extent of the restrictions, (2) be permanent, and (3) be legally valid.

An institutional control is required for the following situations:

- A commercial or industrial land-use designation
- An activity restriction used as part of a remedy
- An engineering control used as part of a remedy

The environmental notice notifies future owners or lessees of contamination present at a site and ensures that the restrictions and controls included in the approved remedy are legally recorded. A generic environmental notice form is provided at the end of this appendix.

The Indiana Department of Environmental Management (IDEM) does not have the statutory authority to enforce an environmental notice. However, if a current or subsequent property owner subject to an environmental notice creates or exposes a pathway protected by the environmental notice, IDEM has the authority to bring an enforcement action against that owner for causing a release into the environment.

An environmental notice can also be used when contamination has migrated to an off-site property if the off-site property owner agrees to accept the restrictions incorporated in the environmental notice. The environmental notice can be recorded using the generic form at the end of this appendix or using another customized format. Use of another format is acceptable as long as the information provided meets the criteria discussed below.

A5.1 Environmental Notice Criteria

Environmental notices must meet the criteria listed below.

1. Environmental notices must be recorded on the deed of the affected property by filing the environmental notice with the county recorder in the county in which the property is located.
2. Environmental notices must run with the land, meaning that conditions still apply after property ownership has transferred.
3. Environmental notices must identify the COCs where concentrations exceed closure levels, the media affected by the COCs, and the conditions or restrictions imposed on the property.
4. Environmental notices must state that performing restricted activities could result in unsafe exposure. Chapter 6 of the Technical Guide discuss closure requirements.
5. Environmental notices must be legally valid documents. They can be recorded on a form provided by IDEM or in an appropriate document drafted by the user and approved by IDEM. If the user drafts the environmental notice, it must meet the minimum requirements specified either in the rule (if one is published) or in the “Minimum Environmental Notice Requirements and Language” specified below.
6. Environmental notices must satisfy IDEM’s concerns regarding permanence, legal validity, and informed consent.

7. Environmental notices must describe terms and procedures for modifying or removing the restrictions. This must include, at a minimum, a statement that the site must be reassessed and IDEM's approval must be granted before the restriction identified in the environmental notice can be modified. Such provision for compliance shall be evidenced by providing a true copy of the recorded environmental notice to IDEM.

A5.2 Minimum Environmental Notice Requirements and Language

An environmental notice must satisfy the minimum requirements below.

1. A legal description of the real estate must be provided accompanied by scaled maps showing the following:
 - Horizontal extent of contamination exceeding applicable remediation objectives
 - Legal boundaries of all properties where contamination exceeds applicable remediation objectives and that are subject to the restrictive covenant
2. The location where the public may review the approved remedial plan must be specified.
3. The environmental notice should list COCs in the remedial plan that will be left on the property at concentrations exceeding residential closure levels and the media (surface soil, subsurface soil, or ground water) impacted by the COCs.
4. A description must be provided of any limitations on the land-use designation (for example, commercial/industrial or residential).
5. A clear description in simple terms must be provided of each activity restriction within the proximity of the contaminated portion of the property. This description must identify any limitations on activities including, but not limited to, the following:
 - Ground water usage
 - Soil exposure through gardening
 - Digging into soil

6. A description must be provided of all actions necessary to maintain any engineered control measures established under the corrective action plan that render any potential exposure pathway incomplete. The description should include a demonstration of financial assurance mechanisms (if required under Resource Conservation and Recovery Act [RCRA]) for maintenance of the selected remedy and reporting requirements.
7. The environmental notice should include a statement that the environmental notice runs with the land.
8. The environmental notice should include a statement that any amendment, modification, or termination of the restrictions can be made only with IDEM's approval.

A5.3 Environmental Notice Alternative for Ground Water Contamination

An environmental notice to prevent exposure to contaminated ground water may not be necessary if an ordinance adopted by a unit of local government effectively prohibits exposure to ground water. An example of such an ordinance would require all residents to utilize the municipal water supply and would prohibit the installation of new drinking water supply wells in the county or municipality where the contaminated area is located.

The information below is required to support a request to replace the requirement for an environmental notice for ground water contamination:

1. The request must include the name and address of the local unit of government and a copy of the most current version of the ordinance restricting ground water use. An authorized official of the local unit of government must certify that the ordinance is complete, accurate, and in effect. The ordinance must demonstrate that exposure to ground water is prohibited.
2. A scaled map should delineate the areal extent of ground water (either measured or modeled) containing contamination that exceeds applicable closure levels. Information should be provided regarding COC concentrations in ground water that exceed applicable closure levels.

3. A scaled map should delineate the boundaries of all properties where COC concentrations in ground water exceed applicable closure levels.
4. The current owners and leaseholders of each property should be identified on the map that shows the ground water contamination.

The information above should also be provided in a notification to the local unit of government with authority over the ordinance and to each property owner and leaseholder identified in the scaled map. The notification must provide the following information:

- The site name, address, and IDEM site number
- Notification that IDEM is reviewing a request to use the ordinance restricting ground water use to substitute for an environmental notice
- A statement about the nature of the release and response actions taken
- A statement about where more information can be obtained about the ordinance

Copies of the notification submitted to the local unit of government, property owners, and leaseholders must also be provided to IDEM before the ordinance can be considered a substitute for an environmental notice.

Any approval by IDEM to replace the environmental notice with an ordinance will not become effective until it is recorded in the Office of the Recorder or Registrar of Titles of the county where the site is located. The person receiving the approval must obtain and submit to IDEM information demonstrating that the replacement was recorded.

The current owner, leaseholder, or successor of a site who receives approval to use an ordinance to replace the environmental notice must conduct the following activities:

1. Monitor activities of the unit of local government related to variance requests or changes in the ordinance regulating ground water use
2. Notify IDEM of any approved variance requests for ordinance changes within 30 days after the date such action was approved

3. Establish adequate controls when any approved variance requests or ordinance changes result in the diminishment or elimination of effective prohibition of exposure to ground water previously provided by the ordinance

If any of the following should occur, closure may be voided:

1. Repeal or other modification of the ordinance by the local unit of government
2. Approval of a site-specific request, such as a variance, that allows exposure to ground water
3. Violation of the terms of a recorded institutional control

Environmental Notice Generic Form

THIS COVENANT engineered this _____ day of _____, 20____, made by [name and address of current property owners] (together with his/her/its/their successors and assigns, collectively "Owner").

WHEREAS: _____ owns real estate in the County of _____, Indiana, which is more particularly described in the attached Exhibit "A" and made a part hereof ("real estate");

WHEREAS: A corrective action plan was prepared and implemented in accordance with Indiana law as a result of a release of regulated or hazardous substances upon said real estate. The corrective action plan, as approved by the Indiana Department of Environmental Management ("the Department"), provides that the regulated or hazardous substances shall remain on or beneath the surface of the real estate and provides for institutional controls that shall ensure the protection of public health, safety, or welfare, and the environment. The corrective plan, a survey of the areas on said real estate affected, and a list of the chemicals of concern may be examined at the offices of the Department.

(If the restriction is placed on a third party's property, the above paragraph should be modified to read as follows:

WHEREAS: A corrective action plan was prepared and implemented in accordance with Indiana Law as a result of a release of regulated or hazardous substances upon the property described in the corrective action plan ("property"). The corrective action plan, as approved by the Indiana Department of Environmental Management ("the Department"), provides that the regulated or hazardous substances shall remain on or beneath the surface of the property and provides the Environmental Notice that shall ensure the protection of public health, safety, or welfare, and the environment. The corrective action plan, a survey of the areas of said property affected, and a list of the chemicals of concern left on the property may be examined at the offices of the Department.)

(NOTE: The words "corrective action plan" can be deleted and replaced with the correct title of any plan that contains a Risk Integrated System of Closure (RISC) approach (for example, "closure plan").

NOW THEREFORE, _____ (hereinafter referred to as "Owner"), hereby, in consideration for the promises herein contained and other good and valuable consideration, imposes restrictions on the Real Estate and covenants and agrees that:

1. The Owner shall prevent a conveyance of title, an easement, or any other interest in the real estate from being consummated without adequate and complete provision for compliance with the corrective action plan and prevention of exposure to regulated or hazardous substances as described in item 3 below.
2. The Owner shall grant to the Department and its designated representatives the right to enter the real estate at reasonable times for the purpose of determining and monitoring

compliance with the corrective action plan, including, but not limited to, the right to take samples, inspect the operation of the corrective action measures, and inspect records.

3. Specific restrictions that may apply shall be listed here (for example, no off-site placement of excavated subsurface soil, no wells installed, maintenance of asphalt cover, description of financial assurance mechanism, etc.)
4. The restrictions and other requirements described in this Environmental Notice shall run with the land and be binding on the owners successors, assignees, and lessees or their authorized agents, employees, or persons acting under their direction or control.
5. The restrictions shall apply until the Department determines that regulated or hazardous substances no longer present an unacceptable risk to the public health, safety, or welfare, or to the environment. This Environmental Notice shall not be amended, modified, or terminated except by written instrument executed between the Owner and the Department at the time of the proposed amendment, modification, or termination. Within five (5) days of executing an amendment, modification, or termination of the Environmental Notice, the Owner shall record such amendment, modification, or termination with _____ County Registrar of Deeds and within five (5) days thereafter, the Owner shall provide a true copy of the recorded amendment, modification, or termination to the Department.
6. If any provision of the Environmental Notice is also the subject of any laws or regulations established by any federal, state, or local government, the stricter of the two standards shall prevail.
7. In the event that the Risk Integrated System of Closure (RISC) is adopted by rule in Indiana, this Environmental Notice shall be modified, if necessary, to conform with the Indiana RISC regulations for the scope or specificity of the Environmental Notice. In no event shall this Environmental Notice be rendered null and void if Indiana's RISC guidelines for an Environmental Notice differ in form or content.
8. The undersigned persons executing the Environmental Notice on behalf of the Owner represent and certify that they are duly authorized and have been fully empowered to execute and deliver this Environmental Notice.

I hereby attest to the accuracy of the statements in this document and all attachments.

IN WITNESS WHEREOF, the said Owner of the real estate described above has caused the Environmental Notice to be executed on this _____ day of _____, 20____.

Owner

(If Owner is an individual:)

STATE OF INDIANA

COUNTY OF (county where document is executed) }SS:

BEFORE ME, the undersigned, a Notary Public in and for said County and State, personally appeared _____ and _____, the _____ and _____, respectively, of _____, the Corporation that executed the foregoing instrument, who acknowledged and affirmed that they did sign said instrument as such officers, respectively, for and on behalf of said Corporation and by authority granted in its Articles of Incorporation and by its governing body, that the same is their free act and deed as said officers, and the free and corporate act and deed of said Corporation.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my official seal this _____ day of _____, 20____.

My county of residence is:

_____ County, Indiana

Signature of Notary Public

My commission expires:

Printed Name of Notary

(If Owner is a partnership:)

STATE OF INDIANA

COUNTY OF (county where document is executed) SS:

BEFORE ME, the undersigned, a Notary Public in and for said County and State, personally appeared (name of person executing document on behalf of partnership), who acknowledged and affirmed that he/she is a general partner of (name of partnership). The partnership named in this document, that he/she did sign said instrument in his/her capacity as a general partner of (name of partnership), and that the same is the free act and deed as said persons and of said partnership.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my official seal this _____ day of _____, 20____.

My county of residence is:

_____ County, Indiana

Signature of Notary Public

My commission expires:

Printed Name of Notary

The owner of the property should use whatever notary jurat is applicable to the situation.

(If Owner is a corporation:)

STATE OF INDIANA

COUNTY OF (county where document is executed) SS:

BEFORE ME, the undersigned, a Notary Public in and for said County and State, personally appeared (Owner's name), who acknowledged and affirmed the execution of the foregoing instrument.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my official seal this _____ day of _____, 20____.

My county of residence is: _____
_____ County, Indiana

Signature of Notary Public

My commission expires:

Printed Name of Notary