



AMERECO, INC.

CONSULTING • ENGINEERING • PROJECT MANAGEMENT  15

February 24, 2011

Mr. Jeffrey C. Teagarden
Dore and Associates Contracting, Inc.
900 Harry S. Truman Parkway
Bay City, Michigan 48706

**RE: Studebaker Area "A" – Phase IV
Engineering and Foundry Buildings
Concrete Samples – SVOC Analysis
Project # 10.2466**

Dear Mr. Teagarden:

Thank you for the opportunity to provide Dore and Associates Contracting, Inc. with this service. Please find attached the sample log form, sample location maps, and analytical reports for the concrete composite samples collected from the above captioned locations.

The sampling was performed in accordance with all applicable state and federal rules and regulations. Quality control criteria specific to the analytical method have been met. All QA/QC documentation will remain on file for future reference.

Please call if you have any questions or if we can be of any additional service.

Respectfully,



John Blosky
Environmental Engineer



Attachment





AMERECO, INC.

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SAMPLE LOG FORM

Client: Mr. Jeffrey C. Teagarden
Dore and Associates Contracting, Inc.
900 Harry S. Truman Parkway
Bay City, Michigan 48706

Project: Studebaker Area "A" - Phase IV

Project No. 10.2466

Analysis / Method: SVOC's SW8270C (SW3550B)

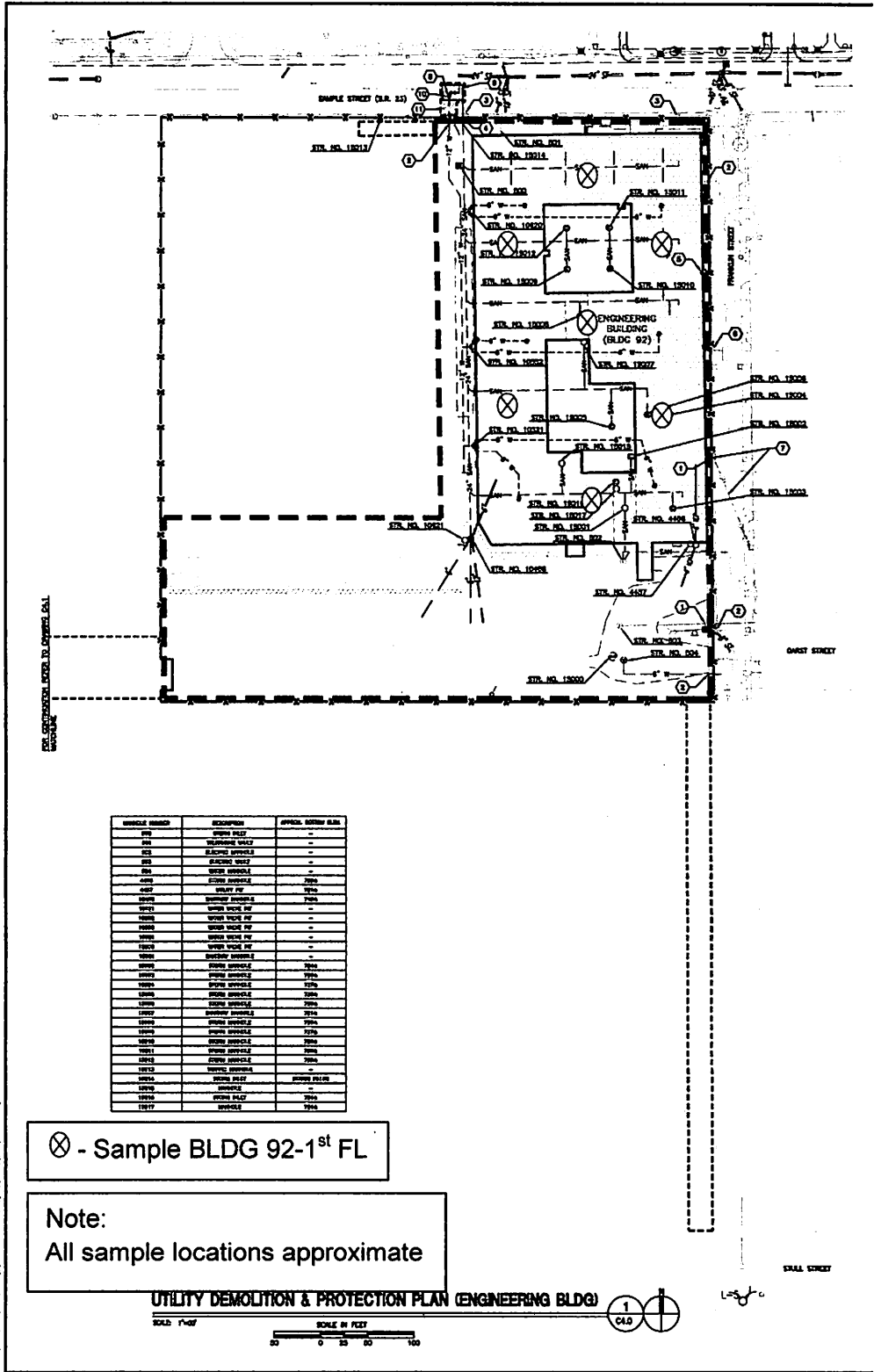
SAMPLE ID	DATE COLLECTED	MATRIX	LOCATION and DESCRIPTION
BLDG. 85 - SE	02/08/2011	Solid	Building 85 - Southeast Quadrant Concrete, cool to 4°C ± 2° C 7 Fully Penetrating Aliquots
BLDG. 85 - SW	02/08/2011	Solid	Building 85 - Southwest Quadrant Concrete, cool to 4°C ± 2° C 7 Fully Penetrating Aliquots
BLDG. 85 - NE	02/08/2011	Solid	Building 85 - Northeast Quadrant Concrete, cool to 4°C ± 2° C 7 Fully Penetrating Aliquots
BLDG. 85 - NW	02/09/2011	Solid	Building 85 - Northwest Quadrant Concrete, cool to 4°C ± 2° C 7 Fully Penetrating Aliquots
BLDG. 92 - 1 ST FL.	02/09/2011	Solid	Building 92 - 1 st Floor Concrete, cool to 4°C ± 2° C 7 Fully Penetrating Aliquots
BLDG. 92 - 2 ND FL.	02/09/2011	Solid	Building 92 - 2 nd Floor Concrete, cool to 4°C ± 2° C 7 Fully Penetrating Aliquots

Analyzed by: SAC

Ref Number: 11020221

Sampled by: 
Steven Travis



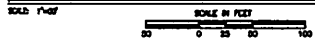


UTILITY SYMBOL	DESCRIPTION	APPROX. SYMBOL SIZE
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1802	WATER VALVE	-
1803	WATER VALVE	-
1804	WATER VALVE	-
1805	WATER VALVE	-
1806	WATER VALVE	-
1807	WATER VALVE	-
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1809	WATER VALVE	-
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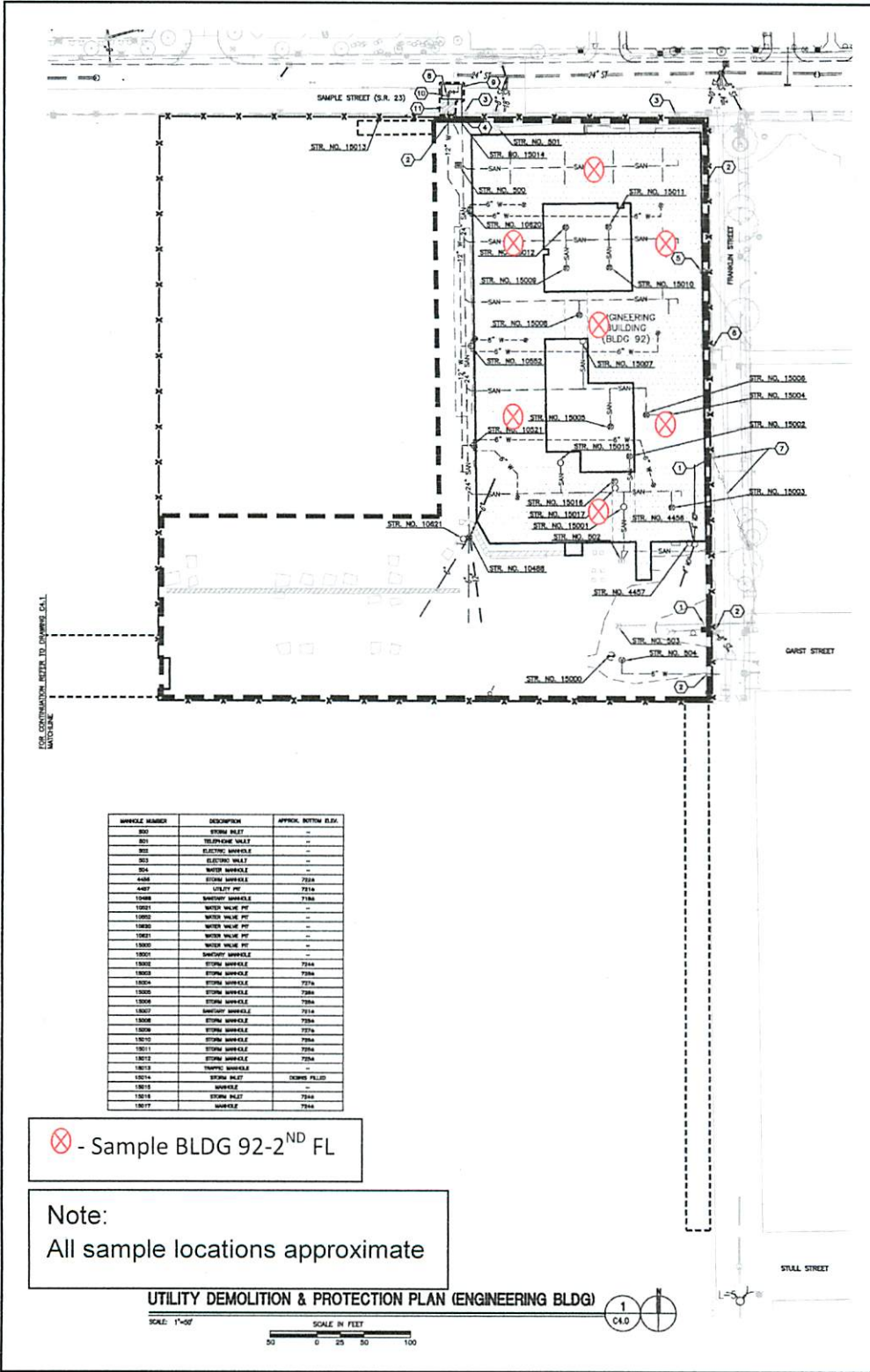
⊗ - Sample BLDG 92-1st FL

Note:
All sample locations approximate

UTILITY DEMOLITION & PROTECTION PLAN (ENGINEERING BLDG)



Studebaker Engineering Building #92
First Floor



FOR CONTINUATION REFER TO DRAWING CAL. AUTOCAD

MANHOLE NUMBER	DESCRIPTION	APPROX. BOTTOM ELEV.
800	STORM INLET	--
801	TELEPHONE VALVE	--
802	ELECTRIC MANHOLE	--
803	ELECTRIC VALVE	--
804	WATER MANHOLE	--
4408	STORM MANHOLE	7256
4407	VALVE PIT	7216
12088	SAWTOOTH MANHOLE	7150
12021	WATER VALVE PIT	--
12020	WATER VALVE PIT	--
12020	WATER VALVE PIT	--
12021	WATER VALVE PIT	--
12020	WATER VALVE PIT	--
12021	SAWTOOTH MANHOLE	--
12021	STORM MANHOLE	7244
12023	STORM MANHOLE	7266
12024	STORM MANHOLE	7276
12025	STORM MANHOLE	7286
12026	STORM MANHOLE	7296
12027	SAWTOOTH MANHOLE	7214
12028	STORM MANHOLE	7296
12029	STORM MANHOLE	7276
12010	STORM MANHOLE	7266
12011	STORM MANHOLE	7296
12012	STORM MANHOLE	7296
12013	SAWTOOTH MANHOLE	--
12014	STORM INLET	EXPOSED PILE
12015	MANHOLE	--
12016	STORM INLET	7244
12017	MANHOLE	7244

⊗ - Sample BLDG 92-2ND FL

Note:
All sample locations approximate

UTILITY DEMOLITION & PROTECTION PLAN (ENGINEERING BLDG)
SCALE: 1"=40'
SCALE IN FEET
0 25 50 100

Laboratory ID : 11020221-001 11020221-002 11020221-003 11020221-004 11020221-005 11020221-006
Client Sample ID : BLDG 85-SE BLDG 85-SW BLDG 85-NE BLDG 85-NW BLDG 92-1st FL BLDG 92-2nd FL
Date Collected : 02/08/2011 02/08/2011 02/08/2011 02/09/2011 02/09/2011 02/09/2011

Analyte	Test Method	Units	11020221-001	11020221-002	11020221-003	11020221-004	11020221-005	11020221-006
Aniline	SW8270C	mg/Kg	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Benzidine	SW8270C	mg/Kg	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Benzoic acid	SW8270C	mg/Kg	< 0.72	< 0.72	< 0.72	< 0.72	< 0.72	< 0.72
Benzyl alcohol	SW8270C	mg/Kg	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Bis(2-chloroethoxy)methane	SW8270C	mg/Kg	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Bis(2-chloroethyl)ether	SW8270C	mg/Kg	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Bis(2-ethylhexyl)phthalate	SW8270C	mg/Kg	< 0.72	< 0.72	< 0.72	< 0.72	< 0.72	< 0.72
4-Bromophenyl phenyl ether	SW8270C	mg/Kg	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Butyl benzyl phthalate	SW8270C	mg/Kg	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Carbazole	SW8270C	mg/Kg	< 0.15	< 0.15	0.15	< 0.15	< 0.15	< 0.15
4-Chloroaniline	SW8270C	mg/Kg	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
4-Chloro-3-methylphenol	SW8270C	mg/Kg	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
2-Chloronaphthalene	SW8270C	mg/Kg	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
2-Chlorophenol	SW8270C	mg/Kg	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
4-Chlorophenyl phenyl ether	SW8270C	mg/Kg	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Dibenzofuran	SW8270C	mg/Kg	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
1,2-Dichlorobenzene	SW8270C	mg/Kg	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
1,3-Dichlorobenzene	SW8270C	mg/Kg	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
1,4-Dichlorobenzene	SW8270C	mg/Kg	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
3,3'-Dichlorobenzidine	SW8270C	mg/Kg	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dichlorophenol	SW8270C	mg/Kg	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Diethyl phthalate	SW8270C	mg/Kg	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
2,4-Dimethylphenol	SW8270C	mg/Kg	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Dimethyl phthalate	SW8270C	mg/Kg	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
4,6-Dinitro-2-methylphenol	SW8270C	mg/Kg	< 0.72	< 0.72	< 0.72	< 0.72	< 0.72	< 0.72
2,4-Dinitrophenol	SW8270C	mg/Kg	< 0.72	< 0.72	< 0.72	< 0.72	< 0.72	< 0.72
2,4-Dinitrotoluene	SW8270C	mg/Kg	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
2,6-Dinitrotoluene	SW8270C	mg/Kg	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Di-n-butyl phthalate	SW8270C	mg/Kg	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Di-n-octyl phthalate	SW8270C	mg/Kg	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Hexachlorobenzene	SW8270C	mg/Kg	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Hexachlorobutadiene	SW8270C	mg/Kg	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Hexachlorocyclopentadiene	SW8270C	mg/Kg	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Hexachloroethane	SW8270C	mg/Kg	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Isophorone	SW8270C	mg/Kg	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
2-Methylnaphthalene	SW8270C	mg/Kg	0.95	< 0.15	0.2	< 0.15	< 0.15	< 0.15
2-Methylphenol	SW8270C	mg/Kg	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
4-Methylphenol	SW8270C	mg/Kg	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
2-Nitroaniline	SW8270C	mg/Kg	< 0.72	< 0.72	< 0.72	< 0.72	< 0.72	< 0.72
3-Nitroaniline	SW8270C	mg/Kg	< 0.72	< 0.72	< 0.72	< 0.72	< 0.72	< 0.72
4-Nitroaniline	SW8270C	mg/Kg	< 0.72	< 0.72	< 0.72	< 0.72	< 0.72	< 0.72
2-Nitrophenol	SW8270C	mg/Kg	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
4-Nitrophenol	SW8270C	mg/Kg	< 0.72	< 0.72	< 0.72	< 0.72	< 0.72	< 0.72
Nitrobenzene	SW8270C	mg/Kg	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
N-Nitrosodimethylamine	SW8270C	mg/Kg	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
N-Nitrosodiphenylamine	SW8270C	mg/Kg	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
2, 2'-oxybis(1-Chloropropane)	SW8270C	mg/Kg	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Phenol	SW8270C	mg/Kg	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Pyridine	SW8270C	mg/Kg	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
1,2,4-Trichlorobenzene	SW8270C	mg/Kg	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
2,4,5-Trichlorophenol	SW8270C	mg/Kg	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4,6-Trichlorophenol	SW8270C	mg/Kg	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Acenaphthene	SW8270C-SIM	mg/Kg	0.072	0.072	0.069	< 0.03	< 0.023	< 0.023
Acenaphthylene	SW8270C-SIM	mg/Kg	0.039	< 0.03	0.06	< 0.03	< 0.023	< 0.023
Anthracene	SW8270C-SIM	mg/Kg	< 0.03	0.21	0.3	0.054	< 0.023	< 0.023

Benz(a)anthracene	SW8270C-SIM mg/Kg	< 0.03	0.64	0.7	0.15	< 0.023	< 0.023
Benzo(a)pyrene	SW8270C-SIM mg/Kg	< 0.03	0.48	0.37	0.075	< 0.023	< 0.023
Benzo(b)fluoranthene	SW8270C-SIM mg/Kg	< 0.03	0.75	0.55	0.15	< 0.023	< 0.023
Benzo(g,h,i)perylene	SW8270C-SIM mg/Kg	< 0.03	0.25	0.15	0.069	< 0.023	< 0.023
Benzo(k)fluoranthene	SW8270C-SIM mg/Kg	< 0.03	0.42	0.38	0.12	< 0.023	< 0.023
Chrysene	SW8270C-SIM mg/Kg	< 0.03	0.74	0.73	0.18	< 0.023	< 0.023
Dibenz(a,h)anthracene	SW8270C-SIM mg/Kg	< 0.03	0.1	0.066	< 0.03	< 0.023	< 0.023
Fluoranthene	SW8270C-SIM mg/Kg	0.039	1.7	1.8	0.69	0.024	< 0.023
Fluorene	SW8270C-SIM mg/Kg	< 0.03	0.066	0.13	< 0.03	< 0.023	< 0.023
Indeno(1,2,3-cd)pyrene	SW8270C-SIM mg/Kg	< 0.03	0.26	0.17	0.063	< 0.023	< 0.023
Naphthalene	SW8270C-SIM mg/Kg	0.23	< 0.03	0.11	< 0.03	0.024	< 0.023
Phenanthrene	SW8270C-SIM mg/Kg	0.054	0.93	1.7	0.59	0.026	< 0.023
Pyrene	SW8270C-SIM mg/Kg	0.033	1.3	1.4	0.5	< 0.023	< 0.023
N-Nitrosodi-n-propylamine	SW8270C-SIM mg/Kg	< 0.03	< 0.03	< 0.03	< 0.03	< 0.023	< 0.023
Pentachlorophenol	SW8270C-SIM mg/Kg	< 0.03	< 0.03	< 0.03	< 0.03	< 0.023	< 0.023

STAT Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

February 21, 2011

Amereco Inc.
204 E. Jefferson
Valparaiso, IN 46383
Telephone: (219) 531-0531
Fax: (219) 464-0464

RE: 10.2466, Studebaker Area A - Phase 4, South Bend

STAT Project No: 11020221

Dear John Blosky:

STAT Analysis received 6 samples for the referenced project on 2/14/2011 6:30:00 PM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,



Katelin Lewis
Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.

Client: Amereco Inc.
Project: 10.2466, Studebaker Area A - Phase 4, South Bend
Lab Order: 11020221

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
11020221-001A	BLDG 85-SE		2/8/2011	2/14/2011
11020221-002A	BLDG 85-SW		2/8/2011	2/14/2011
11020221-003A	BLDG 85-NE		2/8/2011	2/14/2011
11020221-004A	BLDG 85-NW		2/9/2011	2/14/2011
11020221-005A	BLDG 92-1st FL		2/9/2011	2/14/2011
11020221-006A	BLDG 92-2nd FL		2/9/2011	2/14/2011

CLIENT: Amereco Inc.
Project: 10.2466, Studebaker Area A - Phase 4, South Be
Lab Order: 11020221

CASE NARRATIVE

Please refer to Analytical QC Summary Report for QC outliers.

Due to sample matrix, SVOC Acid Surrogate Recoveries were outside of control limits on all samples. Base/Neutral surrogate recoveries were within control limits.

STAT Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Date Reported: February 21, 2011

Date Printed: February 21, 2011

Client: Amereco Inc.

Lab Order: 11020221

Project: 10.2466, Studebaker Area A - Phase 4, South Bend

Lab ID: 11020221-001

Client Sample ID: BLDG 85-SE

Collection Date 2/8/2011

Matrix: Solid

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS SW8270C-SIM (SW3550B) Prep Date: 2/17/2011 Analyst: VS						
Acenaphthene	0.072	0.03		mg/Kg	10	2/21/2011
Acenaphthylene	0.039	0.03		mg/Kg	10	2/21/2011
Anthracene	ND	0.03		mg/Kg	10	2/21/2011
Benz(a)anthracene	ND	0.03		mg/Kg	10	2/21/2011
Benzo(a)pyrene	ND	0.03		mg/Kg	10	2/21/2011
Benzo(b)fluoranthene	ND	0.03		mg/Kg	10	2/21/2011
Benzo(g,h,i)perylene	ND	0.03		mg/Kg	10	2/21/2011
Benzo(k)fluoranthene	ND	0.03		mg/Kg	10	2/21/2011
Chrysene	ND	0.03		mg/Kg	10	2/21/2011
Dibenz(a,h)anthracene	ND	0.03		mg/Kg	10	2/21/2011
Fluoranthene	0.039	0.03		mg/Kg	10	2/21/2011
Fluorene	ND	0.03		mg/Kg	10	2/21/2011
Indeno(1,2,3-cd)pyrene	ND	0.03		mg/Kg	10	2/21/2011
Naphthalene	0.23	0.03		mg/Kg	10	2/21/2011
Phenanthrene	0.054	0.03		mg/Kg	10	2/21/2011
Pyrene	0.033	0.03		mg/Kg	10	2/21/2011
N-Nitrosodi-n-propylamine	ND	0.03		mg/Kg	10	2/21/2011
Pentachlorophenol	ND	0.03		mg/Kg	10	2/21/2011
Semivolatile Organic Compounds by GC/MS SW8270C (SW3550B) Prep Date: 2/17/2011 Analyst: DM						
Aniline	ND	0.15		mg/Kg	1	2/18/2011
Benzidine	ND	0.15		mg/Kg	1	2/18/2011
Benzoic acid	ND	0.72		mg/Kg	1	2/18/2011
Benzyl alcohol	ND	0.15		mg/Kg	1	2/18/2011
Bis(2-chloroethoxy)methane	ND	0.15		mg/Kg	1	2/18/2011
Bis(2-chloroethyl)ether	ND	0.15		mg/Kg	1	2/18/2011
Bis(2-ethylhexyl)phthalate	ND	0.72		mg/Kg	1	2/18/2011
4-Bromophenyl phenyl ether	ND	0.15		mg/Kg	1	2/18/2011
Butyl benzyl phthalate	ND	0.15		mg/Kg	1	2/18/2011
Carbazole	ND	0.15		mg/Kg	1	2/18/2011
4-Chloroaniline	ND	0.15		mg/Kg	1	2/18/2011
4-Chloro-3-methylphenol	ND	0.15		mg/Kg	1	2/18/2011
2-Chloronaphthalene	ND	0.15		mg/Kg	1	2/18/2011
2-Chlorophenol	ND	0.15		mg/Kg	1	2/18/2011
4-Chlorophenyl phenyl ether	ND	0.15		mg/Kg	1	2/18/2011
Dibenzofuran	ND	0.15		mg/Kg	1	2/18/2011
1,2-Dichlorobenzene	ND	0.15		mg/Kg	1	2/18/2011
1,3-Dichlorobenzene	ND	0.15		mg/Kg	1	2/18/2011
1,4-Dichlorobenzene	ND	0.15		mg/Kg	1	2/18/2011

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Holding time exceeded

STAT Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Date Reported: February 21, 2011

Date Printed: February 21, 2011

Client: Amereco Inc.

Client Sample ID: BLDG 85-SE

Lab Order: 11020221

Collection Date 2/8/2011

Project: 10.2466, Studebaker Area A - Phase 4, South Bend

Matrix: Solid

Lab ID: 11020221-001

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 2/17/2011		Analyst: DM
3,3'-Dichlorobenzidine	ND	0.3		mg/Kg	1	2/18/2011
2,4-Dichlorophenol	ND	0.15		mg/Kg	1	2/18/2011
Diethyl phthalate	ND	0.15		mg/Kg	1	2/18/2011
2,4-Dimethylphenol	ND	0.15		mg/Kg	1	2/18/2011
Dimethyl phthalate	ND	0.15		mg/Kg	1	2/18/2011
4,6-Dinitro-2-methylphenol	ND	0.72		mg/Kg	1	2/18/2011
2,4-Dinitrophenol	ND	0.72		mg/Kg	1	2/18/2011
2,4-Dinitrotoluene	ND	0.15		mg/Kg	1	2/18/2011
2,6-Dinitrotoluene	ND	0.15		mg/Kg	1	2/18/2011
Di-n-butyl phthalate	ND	0.15		mg/Kg	1	2/18/2011
Di-n-octyl phthalate	ND	0.15		mg/Kg	1	2/18/2011
Hexachlorobenzene	ND	0.15		mg/Kg	1	2/18/2011
Hexachlorobutadiene	ND	0.15		mg/Kg	1	2/18/2011
Hexachlorocyclopentadiene	ND	0.15		mg/Kg	1	2/18/2011
Hexachloroethane	ND	0.15		mg/Kg	1	2/18/2011
Isophorone	ND	0.15		mg/Kg	1	2/18/2011
2-Methylnaphthalene	0.95	0.15		mg/Kg	1	2/18/2011
2-Methylphenol	ND	0.15		mg/Kg	1	2/18/2011
4-Methylphenol	ND	0.15		mg/Kg	1	2/18/2011
2-Nitroaniline	ND	0.72		mg/Kg	1	2/18/2011
3-Nitroaniline	ND	0.72		mg/Kg	1	2/18/2011
4-Nitroaniline	ND	0.72		mg/Kg	1	2/18/2011
2-Nitrophenol	ND	0.15		mg/Kg	1	2/18/2011
4-Nitrophenol	ND	0.72		mg/Kg	1	2/18/2011
Nitrobenzene	ND	0.15		mg/Kg	1	2/18/2011
N-Nitrosodimethylamine	ND	0.15		mg/Kg	1	2/18/2011
N-Nitrosodiphenylamine	ND	0.15		mg/Kg	1	2/18/2011
2, 2'-oxybis(1-Chloropropane)	ND	0.15		mg/Kg	1	2/18/2011
Phenol	ND	0.15		mg/Kg	1	2/18/2011
Pyridine	ND	0.15		mg/Kg	1	2/18/2011
1,2,4-Trichlorobenzene	ND	0.15		mg/Kg	1	2/18/2011
2,4,5-Trichlorophenol	ND	0.3		mg/Kg	1	2/18/2011
2,4,6-Trichlorophenol	ND	0.15		mg/Kg	1	2/18/2011

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Date Reported: February 21, 2011

Date Printed: February 21, 2011

Client: Amereco Inc.

Lab Order: 11020221

Project: 10.2466, Studebaker Area A - Phase 4, South Bend

Lab ID: 11020221-002

Client Sample ID: BLDG 85-SW

Collection Date 2/8/2011

Matrix: Solid

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS SW8270C-SIM (SW3550B) Prep Date: 2/17/2011 Analyst: VS						
Acenaphthene	0.072	0.03		mg/Kg	10	2/20/2011
Acenaphthylene	ND	0.03		mg/Kg	10	2/20/2011
Anthracene	0.21	0.03		mg/Kg	10	2/20/2011
Benz(a)anthracene	0.64	0.03		mg/Kg	10	2/20/2011
Benzo(a)pyrene	0.48	0.03		mg/Kg	10	2/20/2011
Benzo(b)fluoranthene	0.75	0.03		mg/Kg	10	2/20/2011
Benzo(g,h,i)perylene	0.25	0.03		mg/Kg	10	2/20/2011
Benzo(k)fluoranthene	0.42	0.03		mg/Kg	10	2/20/2011
Chrysene	0.74	0.03		mg/Kg	10	2/20/2011
Dibenz(a,h)anthracene	0.1	0.03		mg/Kg	10	2/20/2011
Fluoranthene	1.7	0.03		mg/Kg	10	2/20/2011
Fluorene	0.066	0.03		mg/Kg	10	2/20/2011
Indeno(1,2,3-cd)pyrene	0.26	0.03		mg/Kg	10	2/20/2011
Naphthalene	ND	0.03		mg/Kg	10	2/20/2011
Phenanthrene	0.93	0.03		mg/Kg	10	2/20/2011
Pyrene	1.3	0.03		mg/Kg	10	2/20/2011
N-Nitrosodi-n-propylamine	ND	0.03		mg/Kg	10	2/20/2011
Pentachlorophenol	ND	0.03		mg/Kg	10	2/20/2011
Semivolatile Organic Compounds by GC/MS SW8270C (SW3550B) Prep Date: 2/17/2011 Analyst: DM						
Aniline	ND	0.15		mg/Kg	1	2/18/2011
Benzidine	ND	0.15		mg/Kg	1	2/18/2011
Benzoic acid	ND	0.72		mg/Kg	1	2/18/2011
Benzyl alcohol	ND	0.15		mg/Kg	1	2/18/2011
Bis(2-chloroethoxy)methane	ND	0.15		mg/Kg	1	2/18/2011
Bis(2-chloroethyl)ether	ND	0.15		mg/Kg	1	2/18/2011
Bis(2-ethylhexyl)phthalate	ND	0.72		mg/Kg	1	2/18/2011
4-Bromophenyl phenyl ether	ND	0.15		mg/Kg	1	2/18/2011
Butyl benzyl phthalate	ND	0.15		mg/Kg	1	2/18/2011
Carbazole	ND	0.15		mg/Kg	1	2/18/2011
4-Chloroaniline	ND	0.15		mg/Kg	1	2/18/2011
4-Chloro-3-methylphenol	ND	0.15		mg/Kg	1	2/18/2011
2-Chloronaphthalene	ND	0.15		mg/Kg	1	2/18/2011
2-Chlorophenol	ND	0.15		mg/Kg	1	2/18/2011
4-Chlorophenyl phenyl ether	ND	0.15		mg/Kg	1	2/18/2011
Dibenzofuran	ND	0.15		mg/Kg	1	2/18/2011
1,2-Dichlorobenzene	ND	0.15		mg/Kg	1	2/18/2011
1,3-Dichlorobenzene	ND	0.15		mg/Kg	1	2/18/2011
1,4-Dichlorobenzene	ND	0.15		mg/Kg	1	2/18/2011

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

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 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Date Reported: February 21, 2011

Date Printed: February 21, 2011

Client: Amereco Inc.

Client Sample ID: BLDG 85-SW

Lab Order: 11020221

Collection Date 2/8/2011

Project: 10.2466, Studebaker Area A - Phase 4, South Bend

Matrix: Solid

Lab ID: 11020221-002

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)				Prep Date: 2/17/2011	Analyst: DM
3,3'-Dichlorobenzidine	ND	0.3		mg/Kg	1	2/18/2011
2,4-Dichlorophenol	ND	0.15		mg/Kg	1	2/18/2011
Diethyl phthalate	ND	0.15		mg/Kg	1	2/18/2011
2,4-Dimethylphenol	ND	0.15		mg/Kg	1	2/18/2011
Dimethyl phthalate	ND	0.15		mg/Kg	1	2/18/2011
4,6-Dinitro-2-methylphenol	ND	0.72		mg/Kg	1	2/18/2011
2,4-Dinitrophenol	ND	0.72		mg/Kg	1	2/18/2011
2,4-Dinitrotoluene	ND	0.15		mg/Kg	1	2/18/2011
2,6-Dinitrotoluene	ND	0.15		mg/Kg	1	2/18/2011
Di-n-butyl phthalate	ND	0.15		mg/Kg	1	2/18/2011
Di-n-octyl phthalate	ND	0.15		mg/Kg	1	2/18/2011
Hexachlorobenzene	ND	0.15		mg/Kg	1	2/18/2011
Hexachlorobutadiene	ND	0.15		mg/Kg	1	2/18/2011
Hexachlorocyclopentadiene	ND	0.15		mg/Kg	1	2/18/2011
Hexachloroethane	ND	0.15		mg/Kg	1	2/18/2011
Isophorone	ND	0.15		mg/Kg	1	2/18/2011
2-Methylnaphthalene	ND	0.15		mg/Kg	1	2/18/2011
2-Methylphenol	ND	0.15		mg/Kg	1	2/18/2011
4-Methylphenol	ND	0.15		mg/Kg	1	2/18/2011
2-Nitroaniline	ND	0.72		mg/Kg	1	2/18/2011
3-Nitroaniline	ND	0.72		mg/Kg	1	2/18/2011
4-Nitroaniline	ND	0.72		mg/Kg	1	2/18/2011
2-Nitrophenol	ND	0.15		mg/Kg	1	2/18/2011
4-Nitrophenol	ND	0.72		mg/Kg	1	2/18/2011
Nitrobenzene	ND	0.15		mg/Kg	1	2/18/2011
N-Nitrosodimethylamine	ND	0.15		mg/Kg	1	2/18/2011
N-Nitrosodiphenylamine	ND	0.15		mg/Kg	1	2/18/2011
2, 2'-oxybis(1-Chloropropane)	ND	0.15		mg/Kg	1	2/18/2011
Phenol	ND	0.15		mg/Kg	1	2/18/2011
Pyridine	ND	0.15		mg/Kg	1	2/18/2011
1,2,4-Trichlorobenzene	ND	0.15		mg/Kg	1	2/18/2011
2,4,5-Trichlorophenol	ND	0.3		mg/Kg	1	2/18/2011
2,4,6-Trichlorophenol	ND	0.15		mg/Kg	1	2/18/2011

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

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RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Date Reported: February 21, 2011

Date Printed: February 21, 2011

Client: Amereco Inc.

Client Sample ID: BLDG 85-NE

Lab Order: 11020221

Collection Date 2/8/2011

Project: 10.2466, Studebaker Area A - Phase 4, South Bend

Matrix: Solid

Lab ID: 11020221-003

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C-SIM (SW3550B)		Prep Date: 2/17/2011		Analyst: VS
Acenaphthene	0.069	0.03		mg/Kg	10	2/20/2011
Acenaphthylene	0.06	0.03		mg/Kg	10	2/20/2011
Anthracene	0.3	0.03		mg/Kg	10	2/20/2011
Benz(a)anthracene	0.7	0.03		mg/Kg	10	2/20/2011
Benzo(a)pyrene	0.37	0.03		mg/Kg	10	2/20/2011
Benzo(b)fluoranthene	0.55	0.03		mg/Kg	10	2/20/2011
Benzo(g,h,i)perylene	0.15	0.03		mg/Kg	10	2/20/2011
Benzo(k)fluoranthene	0.38	0.03		mg/Kg	10	2/20/2011
Chrysene	0.73	0.03		mg/Kg	10	2/20/2011
Dibenz(a,h)anthracene	0.066	0.03		mg/Kg	10	2/20/2011
Fluoranthene	1.8	0.03		mg/Kg	10	2/20/2011
Fluorene	0.13	0.03		mg/Kg	10	2/20/2011
Indeno(1,2,3-cd)pyrene	0.17	0.03		mg/Kg	10	2/20/2011
Naphthalene	0.11	0.03		mg/Kg	10	2/20/2011
Phenanthrene	1.7	0.03		mg/Kg	10	2/20/2011
Pyrene	1.4	0.03		mg/Kg	10	2/20/2011
N-Nitrosodi-n-propylamine	ND	0.03		mg/Kg	10	2/20/2011
Pentachlorophenol	ND	0.03		mg/Kg	10	2/20/2011
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 2/17/2011		Analyst: DM
Aniline	ND	0.15		mg/Kg	1	2/18/2011
Benzidine	ND	0.15		mg/Kg	1	2/18/2011
Benzoic acid	ND	0.72		mg/Kg	1	2/18/2011
Benzyl alcohol	ND	0.15		mg/Kg	1	2/18/2011
Bis(2-chloroethoxy)methane	ND	0.15		mg/Kg	1	2/18/2011
Bis(2-chloroethyl)ether	ND	0.15		mg/Kg	1	2/18/2011
Bis(2-ethylhexyl)phthalate	ND	0.72		mg/Kg	1	2/18/2011
4-Bromophenyl phenyl ether	ND	0.15		mg/Kg	1	2/18/2011
Butyl benzyl phthalate	ND	0.15		mg/Kg	1	2/18/2011
Carbazole	0.15	0.15		mg/Kg	1	2/18/2011
4-Chloroaniline	ND	0.15		mg/Kg	1	2/18/2011
4-Chloro-3-methylphenol	ND	0.15		mg/Kg	1	2/18/2011
2-Chloronaphthalene	ND	0.15		mg/Kg	1	2/18/2011
2-Chlorophenol	ND	0.15		mg/Kg	1	2/18/2011
4-Chlorophenyl phenyl ether	ND	0.15		mg/Kg	1	2/18/2011
Dibenzofuran	ND	0.15		mg/Kg	1	2/18/2011
1,2-Dichlorobenzene	ND	0.15		mg/Kg	1	2/18/2011
1,3-Dichlorobenzene	ND	0.15		mg/Kg	1	2/18/2011
1,4-Dichlorobenzene	ND	0.15		mg/Kg	1	2/18/2011

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
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 E - Value above quantitation range
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Date Reported: February 21, 2011

Date Printed: February 21, 2011

Client: Amereco Inc.

Client Sample ID: BLDG 85-NE

Lab Order: 11020221

Collection Date 2/8/2011

Project: 10.2466, Studebaker Area A - Phase 4, South Bend

Matrix: Solid

Lab ID: 11020221-003

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatle Organic Compounds by GC/MS	SW8270C (SW3550B)				Prep Date: 2/17/2011	Analyst: DM
3,3'-Dichlorobenzidine	ND	0.3		mg/Kg	1	2/18/2011
2,4-Dichlorophenol	ND	0.15		mg/Kg	1	2/18/2011
Diethyl phthalate	ND	0.15		mg/Kg	1	2/18/2011
2,4-Dimethylphenol	ND	0.15		mg/Kg	1	2/18/2011
Dimethyl phthalate	ND	0.15		mg/Kg	1	2/18/2011
4,6-Dinitro-2-methylphenol	ND	0.72		mg/Kg	1	2/18/2011
2,4-Dinitrophenol	ND	0.72		mg/Kg	1	2/18/2011
2,4-Dinitrotoluene	ND	0.15		mg/Kg	1	2/18/2011
2,6-Dinitrotoluene	ND	0.15		mg/Kg	1	2/18/2011
Di-n-butyl phthalate	ND	0.15		mg/Kg	1	2/18/2011
Di-n-octyl phthalate	ND	0.15		mg/Kg	1	2/18/2011
Hexachlorobenzene	ND	0.15		mg/Kg	1	2/18/2011
Hexachlorobutadiene	ND	0.15		mg/Kg	1	2/18/2011
Hexachlorocyclopentadiene	ND	0.15		mg/Kg	1	2/18/2011
Hexachloroethane	ND	0.15		mg/Kg	1	2/18/2011
Isophorone	ND	0.15		mg/Kg	1	2/18/2011
2-Methylnaphthalene	0.2	0.15		mg/Kg	1	2/18/2011
2-Methylphenol	ND	0.15		mg/Kg	1	2/18/2011
4-Methylphenol	ND	0.15		mg/Kg	1	2/18/2011
2-Nitroaniline	ND	0.72		mg/Kg	1	2/18/2011
3-Nitroaniline	ND	0.72		mg/Kg	1	2/18/2011
4-Nitroaniline	ND	0.72		mg/Kg	1	2/18/2011
2-Nitrophenol	ND	0.15		mg/Kg	1	2/18/2011
4-Nitrophenol	ND	0.72		mg/Kg	1	2/18/2011
Nitrobenzene	ND	0.15		mg/Kg	1	2/18/2011
N-Nitrosodimethylamine	ND	0.15		mg/Kg	1	2/18/2011
N-Nitrosodiphenylamine	ND	0.15		mg/Kg	1	2/18/2011
2, 2'-oxybis(1-Chloropropane)	ND	0.15		mg/Kg	1	2/18/2011
Phenol	ND	0.15		mg/Kg	1	2/18/2011
Pyridine	ND	0.15		mg/Kg	1	2/18/2011
1,2,4-Trichlorobenzene	ND	0.15		mg/Kg	1	2/18/2011
2,4,5-Trichlorophenol	ND	0.3		mg/Kg	1	2/18/2011
2,4,6-Trichlorophenol	ND	0.15		mg/Kg	1	2/18/2011

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

STAT Analysis Corporation

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Date Reported: February 21, 2011

Date Printed: February 21, 2011

Client: Amereco Inc.

Client Sample ID: BLDG 85-NW

Lab Order: 11020221

Collection Date 2/9/2011

Project: 10.2466, Studebaker Area A - Phase 4, South Bend

Matrix: Solid

Lab ID: 11020221-004

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C-SIM (SW3550B)		Prep Date: 2/17/2011		Analyst: VS
Acenaphthene	ND	0.03		mg/Kg	10	2/21/2011
Acenaphthylene	ND	0.03		mg/Kg	10	2/21/2011
Anthracene	0.054	0.03		mg/Kg	10	2/21/2011
Benz(a)anthracene	0.15	0.03		mg/Kg	10	2/21/2011
Benzo(a)pyrene	0.075	0.03		mg/Kg	10	2/21/2011
Benzo(b)fluoranthene	0.15	0.03		mg/Kg	10	2/21/2011
Benzo(g,h,i)perylene	0.069	0.03		mg/Kg	10	2/21/2011
Benzo(k)fluoranthene	0.12	0.03		mg/Kg	10	2/21/2011
Chrysene	0.18	0.03		mg/Kg	10	2/21/2011
Dibenz(a,h)anthracene	ND	0.03		mg/Kg	10	2/21/2011
Fluoranthene	0.69	0.03		mg/Kg	10	2/21/2011
Fluorene	ND	0.03		mg/Kg	10	2/21/2011
Indeno(1,2,3-cd)pyrene	0.063	0.03		mg/Kg	10	2/21/2011
Naphthalene	ND	0.03		mg/Kg	10	2/21/2011
Phenanthrene	0.59	0.03		mg/Kg	10	2/21/2011
Pyrene	0.5	0.03		mg/Kg	10	2/21/2011
N-Nitrosodi-n-propylamine	ND	0.03		mg/Kg	10	2/21/2011
Pentachlorophenol	ND	0.03		mg/Kg	10	2/21/2011
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 2/17/2011		Analyst: DM
Aniline	ND	0.15		mg/Kg	1	2/18/2011
Benzidine	ND	0.15		mg/Kg	1	2/18/2011
Benzoic acid	ND	0.72		mg/Kg	1	2/18/2011
Benzyl alcohol	ND	0.15		mg/Kg	1	2/18/2011
Bis(2-chloroethoxy)methane	ND	0.15		mg/Kg	1	2/18/2011
Bis(2-chloroethyl)ether	ND	0.15		mg/Kg	1	2/18/2011
Bis(2-ethylhexyl)phthalate	ND	0.72		mg/Kg	1	2/18/2011
4-Bromophenyl phenyl ether	ND	0.15		mg/Kg	1	2/18/2011
Butyl benzyl phthalate	ND	0.15		mg/Kg	1	2/18/2011
Carbazole	ND	0.15		mg/Kg	1	2/18/2011
4-Chloroaniline	ND	0.15		mg/Kg	1	2/18/2011
4-Chloro-3-methylphenol	ND	0.15		mg/Kg	1	2/18/2011
2-Chloronaphthalene	ND	0.15		mg/Kg	1	2/18/2011
2-Chlorophenol	ND	0.15		mg/Kg	1	2/18/2011
4-Chlorophenyl phenyl ether	ND	0.15		mg/Kg	1	2/18/2011
Dibenzofuran	ND	0.15		mg/Kg	1	2/18/2011
1,2-Dichlorobenzene	ND	0.15		mg/Kg	1	2/18/2011
1,3-Dichlorobenzene	ND	0.15		mg/Kg	1	2/18/2011
1,4-Dichlorobenzene	ND	0.15		mg/Kg	1	2/18/2011

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Holding time exceeded

STAT Analysis Corporation

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Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Date Reported: February 21, 2011

Date Printed: February 21, 2011

Client: Amereco Inc.

Client Sample ID: BLDG 85-NW

Lab Order: 11020221

Collection Date 2/9/2011

Project: 10.2466, Studebaker Area A - Phase 4, South Bend

Matrix: Solid

Lab ID: 11020221-004

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 2/17/2011		Analyst: DM
3,3'-Dichlorobenzidine	ND	0.3		mg/Kg	1	2/18/2011
2,4-Dichlorophenol	ND	0.15		mg/Kg	1	2/18/2011
Diethyl phthalate	ND	0.15		mg/Kg	1	2/18/2011
2,4-Dimethylphenol	ND	0.15		mg/Kg	1	2/18/2011
Dimethyl phthalate	ND	0.15		mg/Kg	1	2/18/2011
4,6-Dinitro-2-methylphenol	ND	0.72		mg/Kg	1	2/18/2011
2,4-Dinitrophenol	ND	0.72		mg/Kg	1	2/18/2011
2,4-Dinitrotoluene	ND	0.15		mg/Kg	1	2/18/2011
2,6-Dinitrotoluene	ND	0.15		mg/Kg	1	2/18/2011
Di-n-butyl phthalate	ND	0.15		mg/Kg	1	2/18/2011
Di-n-octyl phthalate	ND	0.15		mg/Kg	1	2/18/2011
Hexachlorobenzene	ND	0.15		mg/Kg	1	2/18/2011
Hexachlorobutadiene	ND	0.15		mg/Kg	1	2/18/2011
Hexachlorocyclopentadiene	ND	0.15		mg/Kg	1	2/18/2011
Hexachloroethane	ND	0.15		mg/Kg	1	2/18/2011
Isophorone	ND	0.15		mg/Kg	1	2/18/2011
2-Methylnaphthalene	ND	0.15		mg/Kg	1	2/18/2011
2-Methylphenol	ND	0.15		mg/Kg	1	2/18/2011
4-Methylphenol	ND	0.15		mg/Kg	1	2/18/2011
2-Nitroaniline	ND	0.72		mg/Kg	1	2/18/2011
3-Nitroaniline	ND	0.72		mg/Kg	1	2/18/2011
4-Nitroaniline	ND	0.72		mg/Kg	1	2/18/2011
2-Nitrophenol	ND	0.15		mg/Kg	1	2/18/2011
4-Nitrophenol	ND	0.72		mg/Kg	1	2/18/2011
Nitrobenzene	ND	0.15		mg/Kg	1	2/18/2011
N-Nitrosodimethylamine	ND	0.15		mg/Kg	1	2/18/2011
N-Nitrosodiphenylamine	ND	0.15		mg/Kg	1	2/18/2011
2, 2'-oxybis(1-Chloropropane)	ND	0.15		mg/Kg	1	2/18/2011
Phenol	ND	0.15		mg/Kg	1	2/18/2011
Pyridine	ND	0.15		mg/Kg	1	2/18/2011
1,2,4-Trichlorobenzene	ND	0.15		mg/Kg	1	2/18/2011
2,4,5-Trichlorophenol	ND	0.3		mg/Kg	1	2/18/2011
2,4,6-Trichlorophenol	ND	0.15		mg/Kg	1	2/18/2011

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Date Reported: February 21, 2011

Date Printed: February 21, 2011

Client: Amereco Inc.

Client Sample ID: BLDG 92-1st FL

Lab Order: 11020221

Collection Date 2/9/2011

Project: 10.2466, Studebaker Area A - Phase 4, South Bend

Matrix: Solid

Lab ID: 11020221-005

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C-SIM (SW3550B)		Prep Date: 2/17/2011		Analyst: VS	
Acenaphthene	ND	0.023		mg/Kg	1	2/20/2011
Acenaphthylene	ND	0.023		mg/Kg	1	2/20/2011
Anthracene	ND	0.023		mg/Kg	1	2/20/2011
Benz(a)anthracene	ND	0.023		mg/Kg	1	2/20/2011
Benzo(a)pyrene	ND	0.023		mg/Kg	1	2/20/2011
Benzo(b)fluoranthene	ND	0.023		mg/Kg	1	2/20/2011
Benzo(g,h,i)perylene	ND	0.023		mg/Kg	1	2/20/2011
Benzo(k)fluoranthene	ND	0.023		mg/Kg	1	2/20/2011
Chrysene	ND	0.023		mg/Kg	1	2/20/2011
Dibenz(a,h)anthracene	ND	0.023		mg/Kg	1	2/20/2011
Fluoranthene	0.024	0.023		mg/Kg	1	2/20/2011
Fluorene	ND	0.023		mg/Kg	1	2/20/2011
Indeno(1,2,3-cd)pyrene	ND	0.023		mg/Kg	1	2/20/2011
Naphthalene	0.024	0.023		mg/Kg	1	2/20/2011
Phenanthrene	0.026	0.023		mg/Kg	1	2/20/2011
Pyrene	ND	0.023		mg/Kg	1	2/20/2011
N-Nitrosodi-n-propylamine	ND	0.023		mg/Kg	1	2/20/2011
Pentachlorophenol	ND	0.023		mg/Kg	1	2/20/2011
Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)		Prep Date: 2/17/2011		Analyst: DM	
Aniline	ND	0.15		mg/Kg	1	2/18/2011
Benzidine	ND	0.15		mg/Kg	1	2/18/2011
Benzoic acid	ND	0.72		mg/Kg	1	2/18/2011
Benzyl alcohol	ND	0.15		mg/Kg	1	2/18/2011
Bis(2-chloroethoxy)methane	ND	0.15		mg/Kg	1	2/18/2011
Bis(2-chloroethyl)ether	ND	0.15		mg/Kg	1	2/18/2011
Bis(2-ethylhexyl)phthalate	ND	0.72		mg/Kg	1	2/18/2011
4-Bromophenyl phenyl ether	ND	0.15		mg/Kg	1	2/18/2011
Butyl benzyl phthalate	ND	0.15		mg/Kg	1	2/18/2011
Carbazole	ND	0.15		mg/Kg	1	2/18/2011
4-Chloroaniline	ND	0.15		mg/Kg	1	2/18/2011
4-Chloro-3-methylphenol	ND	0.15		mg/Kg	1	2/18/2011
2-Chloronaphthalene	ND	0.15		mg/Kg	1	2/18/2011
2-Chlorophenol	ND	0.15		mg/Kg	1	2/18/2011
4-Chlorophenyl phenyl ether	ND	0.15		mg/Kg	1	2/18/2011
Dibenzofuran	ND	0.15		mg/Kg	1	2/18/2011
1,2-Dichlorobenzene	ND	0.15		mg/Kg	1	2/18/2011
1,3-Dichlorobenzene	ND	0.15		mg/Kg	1	2/18/2011
1,4-Dichlorobenzene	ND	0.15		mg/Kg	1	2/18/2011

Qualifiers: ND - Not Detected at the Reporting Limit RL - Reporting / Quantitation Limit for the analysis
 J - Analyte detected below quantitation limits S - Spike Recovery outside accepted recovery limits
 B - Analyte detected in the associated Method Blank R - RPD outside accepted recovery limits
 HT - Sample received past holding time E - Value above quantitation range
 * - Non-accredited parameter H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Date Reported: February 21, 2011

Date Printed: February 21, 2011

Client: Amereco Inc.

Client Sample ID: BLDG 92-1st FL

Lab Order: 11020221

Collection Date 2/9/2011

Project: 10.2466, Studebaker Area A - Phase 4, South Bend

Matrix: Solid

Lab ID: 11020221-005

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)			Prep Date: 2/17/2011	Analyst: DM
3,3'-Dichlorobenzidine	ND	0.3		mg/Kg	1	2/18/2011
2,4-Dichlorophenol	ND	0.15		mg/Kg	1	2/18/2011
Diethyl phthalate	ND	0.15		mg/Kg	1	2/18/2011
2,4-Dimethylphenol	ND	0.15		mg/Kg	1	2/18/2011
Dimethyl phthalate	ND	0.15		mg/Kg	1	2/18/2011
4,6-Dinitro-2-methylphenol	ND	0.72		mg/Kg	1	2/18/2011
2,4-Dinitrophenol	ND	0.72		mg/Kg	1	2/18/2011
2,4-Dinitrotoluene	ND	0.15		mg/Kg	1	2/18/2011
2,6-Dinitrotoluene	ND	0.15		mg/Kg	1	2/18/2011
Di-n-butyl phthalate	ND	0.15		mg/Kg	1	2/18/2011
Di-n-octyl phthalate	ND	0.15		mg/Kg	1	2/18/2011
Hexachlorobenzene	ND	0.15		mg/Kg	1	2/18/2011
Hexachlorobutadiene	ND	0.15		mg/Kg	1	2/18/2011
Hexachlorocyclopentadiene	ND	0.15		mg/Kg	1	2/18/2011
Hexachloroethane	ND	0.15		mg/Kg	1	2/18/2011
Isophorone	ND	0.15		mg/Kg	1	2/18/2011
2-Methylnaphthalene	ND	0.15		mg/Kg	1	2/18/2011
2-Methylphenol	ND	0.15		mg/Kg	1	2/18/2011
4-Methylphenol	ND	0.15		mg/Kg	1	2/18/2011
2-Nitroaniline	ND	0.72		mg/Kg	1	2/18/2011
3-Nitroaniline	ND	0.72		mg/Kg	1	2/18/2011
4-Nitroaniline	ND	0.72		mg/Kg	1	2/18/2011
2-Nitrophenol	ND	0.15		mg/Kg	1	2/18/2011
4-Nitrophenol	ND	0.72		mg/Kg	1	2/18/2011
Nitrobenzene	ND	0.15		mg/Kg	1	2/18/2011
N-Nitrosodimethylamine	ND	0.15		mg/Kg	1	2/18/2011
N-Nitrosodiphenylamine	ND	0.15		mg/Kg	1	2/18/2011
2, 2'-oxybis(1-Chloropropane)	ND	0.15		mg/Kg	1	2/18/2011
Phenol	ND	0.15		mg/Kg	1	2/18/2011
Pyridine	ND	0.15		mg/Kg	1	2/18/2011
1,2,4-Trichlorobenzene	ND	0.15		mg/Kg	1	2/18/2011
2,4,5-Trichlorophenol	ND	0.3		mg/Kg	1	2/18/2011
2,4,6-Trichlorophenol	ND	0.15		mg/Kg	1	2/18/2011

Qualifiers:	ND - Not Detected at the Reporting Limit	RL - Reporting / Quantitation Limit for the analysis
	J - Analyte detected below quantitation limits	S - Spike Recovery outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	R - RPD outside accepted recovery limits
	HT - Sample received past holding time	E - Value above quantitation range
	* - Non-accredited parameter	H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Date Reported: February 21, 2011

Date Printed: February 21, 2011

Client:	Amerco Inc.	Client Sample ID:	BLDG 92-2nd FL
Lab Order:	11020221	Collection Date:	2/9/2011
Project:	10.2466, Studebaker Area A - Phase 4, South Bend	Matrix:	Solid
Lab ID:	11020221-006		

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C-SIM (SW3550B)		Prep Date: 2/17/2011		Analyst: VS
Acenaphthene	ND	0.023		mg/Kg	1	2/20/2011
Acenaphthylene	ND	0.023		mg/Kg	1	2/20/2011
Anthracene	ND	0.023		mg/Kg	1	2/20/2011
Benz(a)anthracene	ND	0.023		mg/Kg	1	2/20/2011
Benzo(a)pyrene	ND	0.023		mg/Kg	1	2/20/2011
Benzo(b)fluoranthene	ND	0.023		mg/Kg	1	2/20/2011
Benzo(g,h,i)perylene	ND	0.023		mg/Kg	1	2/20/2011
Benzo(k)fluoranthene	ND	0.023		mg/Kg	1	2/20/2011
Chrysene	ND	0.023		mg/Kg	1	2/20/2011
Dibenz(a,h)anthracene	ND	0.023		mg/Kg	1	2/20/2011
Fluoranthene	ND	0.023		mg/Kg	1	2/20/2011
Fluorene	ND	0.023		mg/Kg	1	2/20/2011
Indeno(1,2,3-cd)pyrene	ND	0.023		mg/Kg	1	2/20/2011
Naphthalene	ND	0.023		mg/Kg	1	2/20/2011
Phenanthrene	ND	0.023		mg/Kg	1	2/20/2011
Pyrene	ND	0.023		mg/Kg	1	2/20/2011
N-Nitrosodi-n-propylamine	ND	0.023		mg/Kg	1	2/20/2011
Pentachlorophenol	ND	0.023		mg/Kg	1	2/20/2011
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 2/17/2011		Analyst: DM
Aniline	ND	0.15		mg/Kg	1	2/19/2011
Benzidine	ND	0.15		mg/Kg	1	2/19/2011
Benzoic acid	ND	0.72		mg/Kg	1	2/19/2011
Benzyl alcohol	ND	0.15		mg/Kg	1	2/19/2011
Bis(2-chloroethoxy)methane	ND	0.15		mg/Kg	1	2/19/2011
Bis(2-chloroethyl)ether	ND	0.15		mg/Kg	1	2/19/2011
Bis(2-ethylhexyl)phthalate	ND	0.72		mg/Kg	1	2/19/2011
4-Bromophenyl phenyl ether	ND	0.15		mg/Kg	1	2/19/2011
Butyl benzyl phthalate	ND	0.15		mg/Kg	1	2/19/2011
Carbazole	ND	0.15		mg/Kg	1	2/19/2011
4-Chloroaniline	ND	0.15		mg/Kg	1	2/19/2011
4-Chloro-3-methylphenol	ND	0.15		mg/Kg	1	2/19/2011
2-Chloronaphthalene	ND	0.15		mg/Kg	1	2/19/2011
2-Chlorophenol	ND	0.15		mg/Kg	1	2/19/2011
4-Chlorophenyl phenyl ether	ND	0.15		mg/Kg	1	2/19/2011
Dibenzofuran	ND	0.15		mg/Kg	1	2/19/2011
1,2-Dichlorobenzene	ND	0.15		mg/Kg	1	2/19/2011
1,3-Dichlorobenzene	ND	0.15		mg/Kg	1	2/19/2011
1,4-Dichlorobenzene	ND	0.15		mg/Kg	1	2/19/2011

Qualifiers:	ND - Not Detected at the Reporting Limit	RL - Reporting / Quantitation Limit for the analysis
	J - Analyte detected below quantitation limits	S - Spike Recovery outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	R - RPD outside accepted recovery limits
	HT - Sample received past holding time	E - Value above quantitation range
	* - Non-accredited parameter	H - Holding time exceeded

STAT Analysis Corporation

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Date Reported: February 21, 2011

Date Printed: February 21, 2011

Client: Amereco Inc.	Client Sample ID: BLDG 92-2nd FL
Lab Order: 11020221	Collection Date: 2/9/2011
Project: 10.2466, Studebaker Area A - Phase 4, South Bend	Matrix: Solid
Lab ID: 11020221-006	

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)			Prep Date: 2/17/2011	Analyst: DM
3,3'-Dichlorobenzidine	ND	0.3		mg/Kg	1	2/19/2011
2,4-Dichlorophenol	ND	0.15		mg/Kg	1	2/19/2011
Diethyl phthalate	ND	0.15		mg/Kg	1	2/19/2011
2,4-Dimethylphenol	ND	0.15		mg/Kg	1	2/19/2011
Dimethyl phthalate	ND	0.15		mg/Kg	1	2/19/2011
4,6-Dimethyl-2-methylphenol	ND	0.72		mg/Kg	1	2/19/2011
2,4-Dinitrophenol	ND	0.72		mg/Kg	1	2/19/2011
2,4-Dinitrotoluene	ND	0.15		mg/Kg	1	2/19/2011
2,6-Dinitrotoluene	ND	0.15		mg/Kg	1	2/19/2011
Di-n-butyl phthalate	ND	0.15		mg/Kg	1	2/19/2011
Di-n-octyl phthalate	ND	0.15		mg/Kg	1	2/19/2011
Hexachlorobenzene	ND	0.15		mg/Kg	1	2/19/2011
Hexachlorobutadiene	ND	0.15		mg/Kg	1	2/19/2011
Hexachlorocyclopentadiene	ND	0.15		mg/Kg	1	2/19/2011
Hexachloroethane	ND	0.15		mg/Kg	1	2/19/2011
Isophthalate	ND	0.15		mg/Kg	1	2/19/2011
2-Methylnaphthalene	ND	0.15		mg/Kg	1	2/19/2011
2-Methylphenol	ND	0.15		mg/Kg	1	2/19/2011
4-Methylphenol	ND	0.15		mg/Kg	1	2/19/2011
2-Nitroaniline	ND	0.72		mg/Kg	1	2/19/2011
3-Nitroaniline	ND	0.72		mg/Kg	1	2/19/2011
4-Nitroaniline	ND	0.72		mg/Kg	1	2/19/2011
2-Nitrophenol	ND	0.15		mg/Kg	1	2/19/2011
4-Nitrophenol	ND	0.72		mg/Kg	1	2/19/2011
Nitrotoluene	ND	0.15		mg/Kg	1	2/19/2011
N-Nitrosodimethylamine	ND	0.15		mg/Kg	1	2/19/2011
N-Nitrosodiphenylamine	ND	0.15		mg/Kg	1	2/19/2011
2,2,4-Trichloro-1-Chloropropane	ND	0.15		mg/Kg	1	2/19/2011
Phenol	ND	0.15		mg/Kg	1	2/19/2011
Pyridine	ND	0.15		mg/Kg	1	2/19/2011
1,2,4-Trichlorobenzene	ND	0.15		mg/Kg	1	2/19/2011
2,4,5-Trichlorophenol	ND	0.3		mg/Kg	1	2/19/2011
2,4,6-Trichlorophenol	ND	0.15		mg/Kg	1	2/19/2011

Qualifier:	ND - Not Detected at the Reporting Limit	RL - Reporting / Quantitation Limit for the analysis
	J - Analyte detected below quantitation limits	S - Spike Recovery outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	R - RPD outside accepted recovery limits
	HT - Sample received past holding time	E - Value above quantitation range
	* - Non-accredited parameter	H - Holding time exceeded

Sample Receipt Checklist

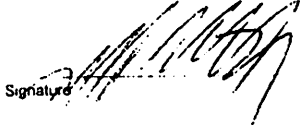
Client Name: AMERECO

Date and Time Received: 2/14/2011 6:30:00 PM


Work Order Number: 11020221

Received by: JJM

Checklist completed by:

Signature:  Date: 2/14/11

Reviewed by:

Initials:  Date: 2/15/11

Matrix:

Carrier name: UPS

- Shipping container/cooler in good condition? Yes No Not Present
- Custody seal intact on shipping container/cooler? Yes No Not Present
- Custody seal intact on sample bottles? Yes No Not Present
- Chain of custody present? Yes No
- Chain of custody signed when relinquished and received? Yes No
- Chain of custody agrees with sample labels/containers? Yes No
- Samples in proper container/bottle? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No
- All samples received within holding time? Yes No
- Container or Trip Blank temperature in compliance? Yes No Temperature: 5.0 °C
- Water - VOA vials have zero headspace? No VOA vials submitted Yes No
- Water - Sample pH checked? Yes No Checked by:
- Water - Sample properly preserved? Yes No pH Adjusted?

Any No responses must be detailed in the comments section below.

Comments:

Client / Person contacted:

Date contacted:

Contacted by:

Response:

CLIENT: Amereco Inc.
Work Order: 11020221
Project: 10.2466, Studebaker Area A - Phase 4, South Bend
Test No: SW8270C **Matrix:** S

QC SUMMARY REPORT SURROGATE RECOVERIES

Sample ID	CLPH2D4	DCBZ12D4	NO2BZD5	PH246BR	PH2F	PHD5	PHEN2F	PHEND14
MB-54504-SWOC	79.3	80.0	83.5	100	75.7	88.4	83.3	96.5
LCS-54504-SWOC	69.9	67.5	75.5	104	64.2	79.5	77.8	98.4
11020188-02-SWMS	68.0	56.2	74.6	88.3	60.9	80.7	77.2	84.4
11020188-02-SWMSD	91.9	88.0	97.8	93.0	92.8	103	90.0	87.6
11020221-00-SW	2.45 *	62.7	68.5	0 *	1.26 *	21.1 *	68.5	70.9
11020221-00-SW	0.820 *	64.8	73.3	0 *	0.210 *	9.36 *	69.8	72.0
11020221-00-SW	2.46 *	58.1	65.1	0 *	0.940 *	22.1 *	61.9	70.1
11020221-00-SW	0 *	57.7	64.9	0 *	0 *	4.97 *	62.3	65.7
11020221-00-SW	0.410 *	50.5	57.3	0 *	0.210 *	3.86 *	55.9	67.1
11020221-00-SW	0.850 *	51.9	58.6	0 *	0.420 *	7.49 *	55.7	68.1

Acronym	Surrogate	QC Limits
CLPH2D4	= 2-Chlorophenol-d4	20-130
DCBZ12D4	= 1,2-Dichlorobenzene-d4	20-130
NO2BZD5	= Nitrobenzene-d5	23-120
PH246BR	= 2,4,6-Tribromophenol	19-122
PH2F	= 2-Fluorophenol	25-121
PHD5	= Phenol-d5	24-113
PHEN2F	= 2-Fluorobiphenyl	30-115
PHEND14	= 4-Terphenyl-d14	18-137

* Surrogate recovery outside acceptance limit

Prep Start Date: 2/16/2011 10:44:55

Prep End Date:

Prep Factor Units:
mL / Kg

Prep Batch 54504 Prep Code: 3550_SVOC Technician: FAC

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
MB-54504-SVOC			0.03	0	0	1	33.333	2/16/2011	2/16/2011
LCS-54504-SVOC			0.03	0	0	1	33.333	2/16/2011	2/16/2011
11020188-021B	Soil		0.00306	0	0	10	3267.974	2/16/2011	2/16/2011
11020188-022B	Soil		0.00311	0	0	10	3215.434	2/16/2011	2/16/2011
11020188-023B	Soil		0.00319	0	0	10	3134.796	2/16/2011	2/16/2011
11020188-024B	Soil		0.00323	0	0	10	3095.975	2/16/2011	2/16/2011
11020188-025B	Soil		0.00332	0	0	10	3012.048	2/16/2011	2/16/2011
11020188-026B	Soil		0.00309	0	0	10	3236.246	2/16/2011	2/16/2011
11020188-021BMS	Soil		0.00305	0	0	10	3278.689	2/16/2011	2/16/2011
11020188-021BMSD	Soil		0.00302	0	0	10	3311.258	2/16/2011	2/16/2011
11020216-001B	Soil		0.03027	0	0	1	33.036	2/17/2011	2/17/2011
11020221-001A	Solid		0.03327	0	0	1	30.057	2/17/2011	2/17/2011
11020221-002A	Solid		0.03334	0	0	1	29.994	2/17/2011	2/17/2011
11020221-003A	Solid		0.03319	0	0	1	30.130	2/17/2011	2/17/2011
11020221-004A	Solid		0.03325	0	0	1	30.075	2/17/2011	2/17/2011
11020221-005A	Solid		0.03317	0	0	1	30.148	2/17/2011	2/17/2011
11020221-006A	Solid		0.03312	0	0	1	30.193	2/17/2011	2/17/2011
11020256-001B	Soil		0.03323	0	0	1	30.093	2/17/2011	2/17/2011
11020256-002B	Soil		0.03329	0	0	1	30.039	2/17/2011	2/17/2011
11020256-008B	Soil		0.03332	0	0	1	30.012	2/17/2011	2/17/2011
11020256-009B	Soil		0.03344	0	0	1	29.904	2/17/2011	2/17/2011
11020256-010B	Soil		0.03326	0	0	1	30.066	2/17/2011	2/17/2011
11020261-001B	Soil		0.03308	0	0	1	30.230	2/17/2011	2/17/2011

ANALYTICAL QC SUMMARY REPORT

CLIENT: Amereco Inc.
Work Order: 11020221
Project: 10.2466, Studebaker Area A - Phase 4, South Bend

BatchID: 54504

Sample ID: MS-54504-SVOC	TestCode: SVOC_SOIL	Prep Date: 2/16/2011	Run ID: SVOC-6_110217A
Client ID: ZZZZ	Batch ID: 54504	Analysis Date: 2/17/2011	SeqNo: 1861169

Analyte	Result	PQL	SPK value	SPK Ref Val	Units: mg/Kg	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aniline	ND	0.17										
Benzidine	ND	0.17										
Benzoic acid	ND	0.80										
Benzyl alcohol	ND	0.17										
Bis(2-chloroethoxy)methane	ND	0.17										
Bis(2-chloroethyl)ether	ND	0.17										
Bis(2-ethylhexyl)phthalate	ND	0.80										
4-Bromophenyl phenyl ether	ND	0.17										
Butyl benzyl phthalate	ND	0.17										
Carbazole	ND	0.17										
4-Chloroaniline	ND	0.17										
4-Chloro-3-methylphenol	ND	0.17										
2-Chloronaphthalene	ND	0.17										
2-Chlorophenol	ND	0.17										
4-Chlorophenyl phenyl ether	ND	0.17										
Dibenzofuran	ND	0.17										
1,2-Dichlorobenzene	ND	0.17										
1,3-Dichlorobenzene	ND	0.17										
1,4-Dichlorobenzene	ND	0.17										
3,3'-Dichlorobenzidine	ND	0.33										
2,4-Dichlorophenol	ND	0.17										
Diethyl phthalate	ND	0.17										
2,4-Dimethylphenol	ND	0.17										
Dimethyl phthalate	ND	0.17										
4,6-Dinitro-2-methylphenol	ND	0.80										
2,4-Dinitrophenol	ND	0.80										
2,4-Dinitrotoluene	ND	0.17										
2,6-Dinitrotoluene	ND	0.17										
Di-n-butyl phthalate	ND	0.17										
Di-n-octyl phthalate	ND	0.17										

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 * - Non Accredited Parameter

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 H/HT - Holding Time Exceeded

B - Analyte detected in the associated Method Blank
 E - Value above quantitation range

ANALYTICAL QC SUMMARY REPORT

CLIENT: Amerco Inc.

Work Order: 11020221

Project: 10,2466, Studebaker Area A - Phase 4, South Bend

BatchID: 54504

Run ID: SVOC-6_110217A	Prep Date: 2/16/2011	Units: mg/Kg	TestCode: SVOC_SOIL	Run ID: SVOC-6_110217A
SeqNo: 1861183	Analysis Date: 2/17/2011	TestNo: SW8270C	Batch ID: 54504	SeqNo: 1861183

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobenzene	ND	0.17									
Hexachlorobutadiene	ND	0.17									
Hexachlorocyclopentadiene	ND	0.17									
Hexachloroethane	ND	0.17									
Isophorone	ND	0.17									
2-Methylnaphthalene	ND	0.17									
2-Methylphenol	ND	0.17									
4-Methylphenol	ND	0.17									
2-Nitroaniline	ND	0.80									
3-Nitroaniline	ND	0.80									
4-Nitroaniline	ND	0.80									
2-Nitrophenol	ND	0.17									
4-Nitrophenol	ND	0.80									
Nitrobenzene	ND	0.17									
N-Nitrosodimethylamine	ND	0.17									
N-Nitrosodiphenylamine	ND	0.17									
2, 2'-oxybis(1-Chloropropane)	ND	0.17									
Phenol	ND	0.17									
Pyridine	ND	0.17									
1,2,4-Trichlorobenzene	ND	0.17									
2,4,5-Trichlorophenol	ND	0.33									
2,4,6-Trichlorophenol	ND	0.17									

Sample ID: LCS-54504-SVOC	SampType: LCS	TestCode: SVOC_SOIL	Units: mg/Kg	Prep Date: 2/16/2011	Run ID: SVOC-6_110217A						
Client ID: ZZZZ	Batch ID: 54504	TestNo: SW8270C		Analysis Date: 2/17/2011	SeqNo: 1861183						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	1.469	0.17	1.667	0	88.1	37	134	0	0	0	
4-Chloro-3-methylphenol	3.122	0.17	3.333	0	93.7	29	134	0	0	0	
2-Chlorophenol	2.491	0.17	3.333	0	74.7	29	105	0	0	0	
1,4-Dichlorobenzene	1.183	0.17	1.667	0	71	26	111	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 * - Non Accredited Parameter
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 H/HT - Holding Time Exceeded
 B - Analyte detected in the associated Method Blank
 E - Value above quantitation range

ANALYTICAL QC SUMMARY REPORT

CLIENT: Amereco Inc.

Work Order: 11020221

Project: 10.2466, Studebaker Area A - Phase 4, South Bend

BatchID: 54504

Sample ID: LCS-54504.SVOC	SampType: SVOC_SOIL	Units: mg/Kg-dry	Prep Date: 2/16/2011	Run ID: SVOC-6_110218B
Client ID: ZZZZ	Batch ID: 54504	TestCode: SW8270C	Analysis Date: 2/17/2011	SeqNo: 1861183

Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
2,4-Dinitrotoluene	1.797	0.17	1.667	0	108	46	125	0	0	0	
4-Nitrophenol	4.1	0.80	3.333	0	123	12	146	0	0	0	
N-Nitrosodi-n-propylamine	1.351	0.33	1.667	0	81	29	109	0	0	0	
Pentachlorophenol	3.635	0.80	3.333	0	109	10	192	0	0	0	
Phenol	2.616	0.17	3.333	0	78.5	27	104	0	0	0	
Pyrene	1.838	0.17	1.667	0	110	42	148	0	0	0	
1,2,4-Trichlorobenzene	1.218	0.17	1.667	0	73.1	55	106	0	0	0	

Sample ID: 11020188-021BMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 2/16/2011	Run ID: SVOC-6_110218B
Client ID: ZZZZ	Batch ID: 54504	TestCode: SW8270C	Analysis Date: 2/18/2011	SeqNo: 1862164

Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
Acenaphthene	62.85	73	71.6	0	87.8	24	139	0	0	0	J
4-Chloro-3-methylphenol	122.8	73	143.2	0	85.8	28	121	0	0	0	
2-Chlorophenol	104.5	73	143.2	0	73	21	102	0	0	0	
1,4-Dichlorobenzene	39.23	73	71.6	0	54.8	27	95	0	0	0	J
2,4-Dinitrotoluene	60.85	73	71.6	0	85	32	127	0	0	0	J
4-Nitrophenol	109.1	340	143.2	0	76.2	10	156	0	0	0	J
N-Nitrosodi-n-propylamine	55.41	140	71.6	0	77.4	16	122	0	0	0	J
Pentachlorophenol	135	340	143.2	0	94.3	10	204	0	0	0	J
Phenol	115	73	143.2	0	80.3	20	103	0	0	0	J
Pyrene	68.44	73	71.6	0	95.6	10	184	0	0	0	J
1,2,4-Trichlorobenzene	47.25	73	71.6	0	66	55	106	0	0	0	J

Sample ID: 11020188-021BMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 2/16/2011	Run ID: SVOC-6_110218B
Client ID: ZZZZ	Batch ID: 54504	TestCode: SW8270C	Analysis Date: 2/18/2011	SeqNo: 1862166

Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
Acenaphthene	72.59	74	72.31	0	100	24	139	62.85	14.4	57	J
4-Chloro-3-methylphenol	147.5	74	144.6	0	102	28	121	122.8	18.2	88	
2-Chlorophenol	143.2	74	144.6	0	99	21	102	104.5	31.2	49	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 * - Non Accredited Parameter
 S - Spike Recovery outside accepted recovery limits
 B - Analyte detected in the associated Method Blank
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H/HT - Holding Time Exceeded

ANALYTICAL QC SUMMARY REPORT

CLIENT: Amereco Inc.

Work Order: 11020221

Project: 10,2466, Studebaker Area A - Phase 4, South Bend

BatchID: 54504

Report ID: 20022	Batch ID: 54504	Print Date: 2/16/2011	Run ID: SVOC-6_110218B
Sample Name: 20022	Sample No: SW3270C	Analyte Date: 2/10/2011	SeqNo: 18-2166
Units: mg/kg dry			

Analyte	Result	RPD	SPK value	SPK RefVal	MREC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	65.79	74	72.31	0	91	27	95	39.23	50.6	43	JR
2,4-Dinitrotoluene	69.84	74	72.31	0	96.6	32	127	60.85	13.8	37	J
4-Nitrophenol	127.7	350	144.6	0	88.3	10	156	109.1	15.7	56	J
N-Nitrosodi-n-propylamine	72.3	140	72.31	0	100	16	122	55.41	26.5	99	J
Pentachlorophenol	142.4	350	144.6	0	98.5	10	204	135	5.34	47	J
Phenol	148.4	74	144.6	0	103	20	103	115	25.4	66	
Pyrene	74.18	74	72.31	0	103	10	184	68.44	8.05	51	
1,2,4-Trichlorobenzene	64.63	74	72.31	0	89.4	55	106	47.25	31.1	23	JR

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 * - Non Accredited Parameter

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 H/HT - Holding Time Exceeded

B - Analyte detected in the associated Method Blank
 E - Value above quantitation range

CLIENT: Amereco Inc.
Work Order: 11020221
Project: 102466, Studebaker Area A - Phase 4, South Bend
Test No: SW8270C-SIM **Matrix:** S

**QC SUMMARY REPORT
 SURROGATE RECOVERIES**

Sample ID	DCBZ12D4	NO2BZD5	PHEN2F	PHEND14				
11020221-001A:MS	62.7	93.2	138 *	88.2				
11020221-001A:MS	62.7	56.7	173 *	101				
11020221-005A	51.2	68.2	49.3	73.9				
11020221-006A	50.2	70.0	50.1	70.9				
11020221-003A	52.8	70.0	62.2	86.6				
11020221-002A	62.8	78.2	69.6	94.4				
11020221-004A	52.0	67.6	61.8	79.6				
11020221-001A	62.8	90.4	70.4	83.8				
MB-54528-PNA	82.4	106	91.4	124				
LCS-54528-PNA	82.6	110	95.4	131				

Acronym	Surrogate	QC Limits
DCBZ12D4	= 1,2-Dichlorobenzene-d4	20-130
NO2BZD5	= Nitrobenzene-d5	23-120
PHEN2F	= 2-Fluorobiphenyl	30-115
PHEND14	= 4-Terphenyl-d14	18-137

* Surrogate recovery outside acceptance limit

Prep Start Date: 2/17/2011 11:42:15

Prep End Date:

Prep Order: 0550 PNA Technician: PEM

Prep Factor Units:
mL / Kg

Sample ID	Matrix	Lot	Weight (g)	Volume (mL)	Factor	Prep Start	Prep End
LCS-54528-PNA			0.03	0	33.333	2/17/2011	2/17/2011
11020221-001A	Solid		0.03327	0	33.333	2/17/2011	2/17/2011
11020221-002A	Solid		0.03334	0	29.994	2/17/2011	2/17/2011
11020221-003A	Solid		0.03319	0	30.130	2/17/2011	2/17/2011
11020221-004A	Solid		0.03325	0	30.075	2/17/2011	2/17/2011
11020221-005A	Solid		0.03317	0	30.148	2/17/2011	2/17/2011
11020221-006A	Solid		0.03312	0	30.193	2/17/2011	2/17/2011
11020232-001A	Soil		0.03033	0	329.707	2/17/2011	2/17/2011
11020251-001B	Soil		0.03037	0	32.927	2/17/2011	2/17/2011
11020251-002B	Soil		0.03024	0	33.069	2/17/2011	2/17/2011
11020256-001B	Soil		0.03323	0	30.093	2/17/2011	2/17/2011
11020256-002B	Soil		0.03329	0	30.039	2/17/2011	2/17/2011
11020256-008B	Soil		0.03332	0	30.012	2/17/2011	2/17/2011
11020256-009B	Soil		0.03344	0	29.904	2/17/2011	2/17/2011
11020256-010B	Soil		0.03326	0	30.066	2/17/2011	2/17/2011
11020261-001B	Soil		0.03308	0	30.230	2/17/2011	2/17/2011
11020221-001AMS	Solid		0.03328	0	30.048	2/17/2011	2/17/2011
11020221-001AMSD	Solid		0.03328	0	30.048	2/17/2011	2/17/2011
11020273-001B	Soil		0.03018	0	33.135	2/17/2011	2/17/2011
11020273-002B	Soil		0.03022	0	33.091	2/17/2011	2/17/2011
11020273-003B	Soil		0.03007	0	33.256	2/17/2011	2/17/2011

ANALYTICAL QC SUMMARY REPORT

CLIENT: Amereco Inc.

Work Order: 11020221

Project: 100276, Studebaker Area A - Phase 4, South Road

BatchID: 54528

SeqNo: 1862614

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	ND	0.025	0.167	0	94.6	30	130	0	0	0	
Acenaphthylene	ND	0.025	0.167	0	91.8	30	130	0	0	0	
Anthracene	ND	0.025	0.167	0	110	30	130	0	0	0	
Benz(a)anthracene	ND	0.025	0.167	0	98.4	30	130	0	0	0	
Benzo(a)pyrene	ND	0.025	0.167	0	99	30	130	0	0	0	
Benzo(b)fluoranthene	ND	0.025	0.167	0	123	30	130	0	0	0	
Benzo(g,h,i)perylene	ND	0.025	0.167	0	84	30	130	0	0	0	
Benzo(k)fluoranthene	ND	0.025	0.167	0	75.8	30	130	0	0	0	
Chrysene	ND	0.025									
Dibenz(a,h)anthracene	ND	0.025									
Fluoranthene	ND	0.025									
Fluorene	ND	0.025									
Indeno(1,2,3-cd)pyrene	ND	0.025									
Naphthalene	ND	0.025									
Phenanthrene	ND	0.025									
Pyrene	ND	0.025									
N-Nitrosodi-n-propylamine	ND	0.025									
Pentachlorophenol	ND	0.020									

Sample ID: LCS-54528-PNA SampType: LCS TestCode: PNA_SOIL+ Units: mg/Kg Prep Date: 2/17/2011 Run ID: SVOC-3_110221A

Client ID: ZZZZ Batch ID: 54528 TestNo: SW8270C-SI Analysis Date: 2/21/2011 SeqNo: 1862614

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.158	0.025	0.167	0	94.6	30	130	0	0	0	
Acenaphthylene	0.1533	0.025	0.167	0	91.8	30	130	0	0	0	
Anthracene	0.183	0.025	0.167	0	110	30	130	0	0	0	
Benz(a)anthracene	0.1643	0.025	0.167	0	98.4	30	130	0	0	0	
Benzo(a)pyrene	0.1653	0.025	0.167	0	99	30	130	0	0	0	
Benzo(b)fluoranthene	0.205	0.025	0.167	0	123	30	130	0	0	0	
Benzo(g,h,i)perylene	0.1403	0.025	0.167	0	84	30	130	0	0	0	
Benzo(k)fluoranthene	0.1267	0.025	0.167	0	75.8	30	130	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
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ANALYTICAL QC SUMMARY REPORT

CLIENT: Amerco Inc.
 Work Order: 11020221

BatchID: 54528

Phase 4, South Road

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chrysene	0.1643	0.025	0.167	0	98.4	30	130	0	0	130	0
Dibenz(a,h)anthracene	0.152	0.025	0.167	0	91	30	130	0	0	130	0
Fluoranthene	0.1787	0.025	0.167	0	107	30	130	0	0	130	0
Fluorene	0.165	0.025	0.167	0	98.8	30	130	0	0	130	0
Indeno(1,2,3-cd)pyrene	0.1517	0.025	0.167	0	90.8	30	130	0	0	130	0
Naphthalene	0.14	0.025	0.167	0	83.8	30	130	0	0	130	0
Phenanthrene	0.1573	0.025	0.167	0	94.2	30	130	0	0	130	0
Pyrene	0.1747	0.025	0.167	0	105	30	130	0	0	130	0
N-Nitrosodi-n-propylamine	0.1747	0.025	0.167	0	105	30	130	0	0	130	0
Pentachlorophenol	0.147	0.020	0.167	0	88	30	130	0	0	130	0

Sample ID: 11020221-001AMS SampType: MS TestCode: PNA_SOIL+ Units: mg/Kg Prep Date: 2/17/2011 Run ID: SVOC-3_110220A

Client ID: BLDG 85-SE Batch ID: 54528 TestNo: SW8270C-SI Analysis Date: 2/20/2011 SeqNo: 1862355

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.02163	0.023	0.1505	0.02525	-2.4	30	130	0	0	130	JS
Acenaphthylene	0.2695	0.023	0.1505	0.1359	88.8	30	130	0	0	130	0
Anthracene	0.1052	0.023	0.1505	0.004809	66.7	30	130	0	0	130	0
Benz(a)anthracene	0.1301	0.023	0.1505	0.01473	76.6	30	130	0	0	130	0
Benzo(a)pyrene	0.1256	0.023	0.1505	0.01473	73.6	30	130	0	0	130	0
Benzo(b)fluoranthene	0.1415	0.023	0.1505	0.02495	77.4	30	130	0	0	130	0
Benzo(g,h,i)perylene	0.08654	0.023	0.1505	0.009017	51.5	30	130	0	0	130	0
Benzo(k)fluoranthene	0.1187	0.023	0.1505	0.01503	68.9	30	130	0	0	130	0
Chrysene	0.1307	0.023	0.1505	0.02224	72.1	30	130	0	0	130	0
Dibenz(a,h)anthracene	0.08624	0.023	0.1505	0.003306	55.1	30	130	0	0	130	0
Fluoranthene	0.152	0.023	0.1505	0.04358	72	30	130	0	0	130	0
Fluorene	0.07362	0.023	0.1505	0.03877	23.1	30	130	0	0	130	S
Indeno(1,2,3-cd)pyrene	0.09375	0.023	0.1505	0.007815	57.1	30	130	0	0	130	0
Naphthalene	0.3071	0.023	0.1505	0.1704	90.8	30	130	0	0	130	E
Phenanthrene	0.1232	0.023	0.1505	0.06162	40.9	30	130	0	0	130	0
Pyrene	0.1484	0.023	0.1505	0.03607	74.6	30	130	0	0	130	0

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
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ANALYTICAL QC SUMMARY REPORT

CLIENT: Amerco Inc.
Work Order: 11020221
Project: 10.2466, Studebaker Area A - Phase 4, South Bend

BatchID: 54528

Sample ID: 11020221-001AMS	SampType: MS	TestCode: PNA_SOIL+	Units: mg/Kg
Client ID: BLDG 85-SE	Batch ID: 54528	TestNo: SW8270C-SI	
Prep Date: 2/17/2011		Run ID: SVOC-3_110220A	
Analysis Date: 2/20/2011		SeqNo: 1862355	

Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
N-Nitrosodi-n-propylamine	0.07632	0.023	0.1505	0	50.7	30	130	0	0	50	JS
Pentachlorophenol	0.01653	0.023	0.1505	0	11	30	130	0	0	50	JS

Sample ID: 11020221-001AMSD	SampType: MSD	TestCode: PNA_SOIL+	Units: mg/Kg
Client ID: BLDG 85-SE	Batch ID: 54528	TestNo: SW8270C-SI	
Prep Date: 2/17/2011		Run ID: SVOC-3_110220A	
Analysis Date: 2/20/2011		SeqNo: 1862356	

Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
Acenaphthene	0.07843	0.023	0.1505	0.02525	35.3	30	130	0.02163	114	50	R
Acenaphthylene	0.1004	0.023	0.1505	0.1359	-23.6	30	130	0.2695	91.5	50	SR
Anthracene	0.1325	0.023	0.1505	0.004809	84.8	30	130	0.1052	23.0	50	
Benzo(a)anthracene	0.1304	0.023	0.1505	0.01473	76.8	30	130	0.1301	0.231	50	
Benzo(a)pyrene	0.1262	0.023	0.1505	0.01473	74	30	130	0.1256	0.477	50	
Benzo(b)fluoranthene	0.1412	0.023	0.1505	0.02495	77.2	30	130	0.1415	0.213	50	
Benzo(g,h,i)perylene	0.08684	0.023	0.1505	0.009017	51.7	30	130	0.08654	0.347	50	
Benzo(k)fluoranthene	0.1265	0.023	0.1505	0.01503	74	30	130	0.1187	6.37	50	
Chrysene	0.1295	0.023	0.1505	0.02224	71.3	30	130	0.1307	0.924	50	
Dibenz(a,h)anthracene	0.09105	0.023	0.1505	0.003306	58.3	30	130	0.08624	5.42	50	
Fluoranthene	0.1569	0.023	0.1505	0.04358	75.2	30	130	0.152	3.11	50	
Fluorene	0.1091	0.023	0.1505	0.03877	46.7	30	130	0.07362	38.8	50	
Indeno(1,2,3-cd)pyrene	0.09495	0.023	0.1505	0.007815	57.9	30	130	0.09375	1.27	50	
Naphthalene	0.3005	0.023	0.1505	0.1704	86.4	30	130	0.3071	2.18	50	
Phenanthrene	0.1538	0.023	0.1505	0.06162	61.3	30	130	0.1232	22.1	50	
Pyrene	0.1484	0.023	0.1505	0.03607	74.6	30	130	0.1484	0	50	
N-Nitrosodi-n-propylamine	0.09766	0.023	0.1505	0	64.9	30	130	0.07632	24.5	50	JS
Pentachlorophenol	0.01683	0.018	0.1505	0	11.2	30	130	0.01653	1.80	50	JS

Qualifiers: ND - Not Detected at the Reporting Limit
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