



DATE: 9/20/02  
TIME: 0615

METER CALIBRATIONS

PH 4.01 = 4.00  
PH 7.00 = 7.00  
PH 10.01 = 10.00  
Slope =  
Cond. Slope =  
1413 µS/cm  
Standard Reading = 1413

2.5% CH<sub>4</sub> =  
50% LEL =

EXPLOSIVE GAS READING PRIOR TO STATIC WATER LEVEL:

NOTES

DATE/TIME OF SAMPLING: 9/20/02  
SAMPLING METHOD: Disposable Bottle

SAMPLING RATE (IF USING DEDICATED PUMP):  
STATIC WATER LEVEL (AFTER PURGING):

SAMPLING DATA

Well Volumes Purged	Initial	1	2	3	4	5	6/Final
PH	241	232	227	223			
Temp	15.2	14.7	14.5	14.4			
Spec. Cond.	471	475	482	480			
Corr. Cond.							
Redox Pot.							
D.O.							
Turbidity							

Well casing	Diameter (in.)	of Depth	Feet of Standing	Water	Volumes	Purge (Gal.)	Total Volume to
6	1.469	X	X	X	X	X	X
4	0.653	X	X	X	X	X	X
2	0.163	X	442	X	X	X	216
1	0.041	X	X	X	X	X	X

VOLUME TO PURGE CALCULATION TABLE

DATE OF PURGING: 9/20/02  
PURGING METHOD: Disposable Bottle  
PURGING RATE: Variable

TIME OF PURGING: 1205  
VOLUME PURGED: 25 gal

PURGING DATA

MEASURED TOTAL DEPTH (FROM TOC): 2492  
VOLUME OF STATIC WATER: 0.72

STATIC WATER LEVEL (FROM TOC): 208  
GROUNDWATER ELEVATION:

FIELD MEASURED PARAMETERS

PERSONNEL PRESENT: Mike Charcho

WEATHER: Partly sunny, light rain  
BAROMETRIC PRESSURE: 29.65 in

WIND DIRECTION: W 15-20 mph  
TEMPERATURE (°F): 72

WEATHER CONDITIONS

COORDINATES: N  
E

CONDITION OF WELL: Good

MONITORING WELL DATA

GROUND SURFACE ELEVATION:  
TOTAL DEPTH (FROM GROUND SURFACE):  
SCREENED INTERVAL (INCLUDING SAND PACK):

CASING MATERIAL/DIAMETER:  
TOP OF CASING ELEVATION:  
TOTAL DEPTH (FROM TOP OF CASING):  
SCREENED INTERVAL (SCREEN ONLY):

FACILITY INFORMATION

NAME: Oliver Ploow  
ADDRESS:  
CONTACT:

PROJECT NUMBER:  
TELEPHONE:

3401 Glendale Avenue, Suite 300 Toledo, Ohio 43614



GROUNDWATER MONITORING WELL FIELD DATA SHEET

MONITORING POINT: MW-1  
DETECTION:  
ASSESSMENT:

## GROUNDWATER MONITORING WELL FIELD DATA SHEET

MONITORING POINT: *Mw2*  
DETECTION: \_\_\_\_\_  
ASSESSMENT: \_\_\_\_\_

**FACILITY INFORMATION**

NAME: *Oliver Plow* ADDRESS: \_\_\_\_\_ CONTACT: \_\_\_\_\_  
PROJECT NUMBER: \_\_\_\_\_ TELEPHONE: \_\_\_\_\_

**MONITORING WELL DATA**

COORDINATES: N \_\_\_\_\_ E \_\_\_\_\_

CONDITION OF WELL: *Good*

CASING MATERIAL/DIAMETER: \_\_\_\_\_  
TOP OF CASING ELEVATION: \_\_\_\_\_  
TOTAL DEPTH (FROM TOP OF CASING): \_\_\_\_\_  
SCREENED DEPTH (SCREEN ONLY): \_\_\_\_\_

GROUND SURFACE ELEVATION: \_\_\_\_\_  
TOTAL DEPTH (FROM GROUND SURFACE): \_\_\_\_\_  
SCREENED INTERVAL (INCLUDING SAND PACK): \_\_\_\_\_  
SCREENED FORMATION: \_\_\_\_\_

**WEATHER CONDITIONS**

WEATHER: *Partly sunny, light rain*  
BAROMETRIC PRESSURE: *29.68 in.*  
WIND DIRECTION: *WS 15-20 mph*  
TEMPERATURE (°F): *69*

**FIELD MEASURED PARAMETERS**

PERSONNEL PRESENT: *Mike Chaschok*

MEASURED TOTAL DEPTH (FROM TOP): \_\_\_\_\_  
VOLUME OF STATIC WATER: \_\_\_\_\_

**PURGING DATA**

DATE OF PURGING: \_\_\_\_\_  
PURGING METHOD: \_\_\_\_\_  
PURGING RATE: \_\_\_\_\_

TIME OF PURGING: \_\_\_\_\_  
VOLUME PURGED: \_\_\_\_\_

Well casing Diameter (in.)	Gallons Per Foot of Depth	Feet of Standing Water	3 Well Volumes Purge (Gal.)		
			Total Volume to Purge	Total Volume to Purge (Gal.)	Total Volume to Purge (Gal.)
6	1.469	X	X 3		
4	0.653	X	X 3		
2	0.163	X	X 3		
1	0.041	X	X 3		

**WELL VOLUMES PURGED**

	Initial	1	2	3	4	5	6/Final
pH							
Temp.							
Spec. Cond.							
Corr. Cond.							
Redox Pot.							
D.O.							
Turbidity							

**SAMPLING DATA**

DATE/TIME OF SAMPLING: \_\_\_\_\_  
SAMPLING METHOD: \_\_\_\_\_  
SAMPLING RATE (IF USING DEDICATED PUMP): \_\_\_\_\_  
STATIC WATER LEVEL (AFTER SAMPLING): \_\_\_\_\_

**NOTES**

EXPLOSIVE GAS READING PRIOR TO STATIC WATER LEVEL: \_\_\_\_\_  
%CH: \_\_\_\_\_ %LEL: \_\_\_\_\_

*Obstruction @ 4.5'*

**METER CALIBRATIONS**

DATE: *5/20/02* TIME: *0615*  
pH 4.01 = *4.00*  
pH 7.00 = *7.00*  
pH 10.01 = *10.00*

Slope = \_\_\_\_\_ Cond. Slope = \_\_\_\_\_  
1413 µS/cm Standard Reading = \_\_\_\_\_  
1413

2.5%CH<sub>4</sub> = \_\_\_\_\_ 50%LEL = \_\_\_\_\_



3401 Glendale Avenue, Suite 300 Toledo, Ohio 43614

### GROUNDWATER MONITORING WELL FIELD DATA SHEET

MONITORING POINT: MW-1

DETECTION: \_\_\_\_\_

ASSESSMENT: \_\_\_\_\_

#### FACILITY INFORMATION

NAME: Oliver Plow

ADDRESS: \_\_\_\_\_

CONTACT: \_\_\_\_\_

PROJECT NUMBER: \_\_\_\_\_

TELEPHONE: \_\_\_\_\_

COORDINATES: \_\_\_\_\_

N  
E

#### MONITORING WELL DATA

CONDITION OF WELL: Good

CASING MATERIAL/DIAMETER: \_\_\_\_\_

TOP OF CASING ELEVATION: \_\_\_\_\_

TOTAL DEPTH (FROM TOP OF CASING): \_\_\_\_\_

SCREENED DEPTH (SCREEN ONLY): \_\_\_\_\_

GROUND SURFACE ELEVATION: \_\_\_\_\_

TOTAL DEPTH (FROM GROUND SURFACE): \_\_\_\_\_

SCREENED INTERVAL (INCLUDING SAND PACK): \_\_\_\_\_

SCREENED FORMATION: \_\_\_\_\_

#### WEATHER CONDITIONS

WEATHER: Partly Sunny / 58-75°F

BAROMETRIC PRESSURE: 29.65 in

WIND DIRECTION: W 15-20 mph

TEMPERATURE (°F): 73

#### FIELD MEASURED PARAMETERS

PERSONNEL PRESENT: Mike Charlton

MEASURED TOTAL DEPTH (FROM TOP): 25.80

STATIC WATER LEVEL (FROM TOP): 22.25

VOLUME OF STATIC WATER: 0.58

GROUNDWATER ELEVATION: \_\_\_\_\_

DATE OF PURGING: 9/20/02

PURGING METHOD: Disposable Bailer

PURGING RATE: Visible

TIME OF PURGING: 1050

VOLUME PURGED: 2.0 gal

#### WELL VOLUMES PURGED

Initial	1	2	3	4	5	6/Final

#### VOLUME TO PURGE CALCULATION TABLE

Well casing Diameter (in.)	Gallons Per Foot of Depth	Water	Feet of Standing	3 Well	Volumes	Purge (Gal)	Total Volume to
6	1.469	X		X	X 3		
4	0.653	X		X	X 3		
2	0.163	X	3.55	X	X 3	1.74	
1	0.041	X		X	X 3		

#### PURGING DATA

#### SAMPLING DATA

DATE/TIME OF SAMPLING: 9/20/02 1250

SAMPLING RATE (IF USING DEDICATED PUMP): \_\_\_\_\_

STATIC WATER LEVEL (AFTER SAMPLING): \_\_\_\_\_

#### NOTES

EXPLOSIVE GAS READING PRIOR TO STATIC WATER LEVEL: \_\_\_\_\_

% CH4: \_\_\_\_\_

% LEL: \_\_\_\_\_

#### METER CALIBRATIONS

DATE: 9/20/02

TIME: 0615

pH 4.01 = 4.00

pH 7.00 = 7.00

pH 10.01 = 10.00

Slope = \_\_\_\_\_

Cond. Slope = \_\_\_\_\_

1413 µS/cm

Standard Reading = 14.13

2.5% CH<sub>4</sub> = \_\_\_\_\_

50% LEL = \_\_\_\_\_



3401 Glendale Avenue, Suite 300 Toledo, Ohio 43614

**GROUNDWATER MONITORING WELL FIELD DATA SHEET**

MONITORING POINT: MWS

DETECTION: \_\_\_\_\_

ASSESSMENT: \_\_\_\_\_

NAME: Oliver Plow

ADDRESS: \_\_\_\_\_

CONTACT: \_\_\_\_\_

**FACILITY INFORMATION**

PROJECT NUMBER: \_\_\_\_\_

TELEPHONE: \_\_\_\_\_

**MONITORING WELL DATA**

COORDINATES: \_\_\_\_\_

GROUND SURFACE ELEVATION: \_\_\_\_\_

TOTAL DEPTH (FROM GROUND SURFACE): \_\_\_\_\_

SCREENED INTERVAL (INCLUDING SAND PACK): \_\_\_\_\_

SCREENED FORMATION: \_\_\_\_\_

CASING MATERIAL/DIAMETER: \_\_\_\_\_

TOP OF CASING ELEVATION: \_\_\_\_\_

TOTAL DEPTH (FROM TOP OF CASING): \_\_\_\_\_

SCREENED DEPTH (SCREEN ONLY): \_\_\_\_\_

**WEATHER CONDITIONS**

WEATHER: Partly sunny, light rain

BAROMETRIC PRESSURE: 29.88 in

WIND DIRECTION: W 15-20 mph

TEMPERATURE (°F): 69

**FIELD MEASURED PARAMETERS**

PERSONNEL PRESENT: Mike Charcoal

MEASURED TOTAL DEPTH (FROM TOC): \_\_\_\_\_

VOLUME OF STATIC WATER: \_\_\_\_\_

STATIC WATER LEVEL (FROM TOC): \_\_\_\_\_

GROUNDWATER ELEVATION: \_\_\_\_\_

DATE OF PURGING: \_\_\_\_\_

PURGING METHOD: \_\_\_\_\_

PURGING RATE: \_\_\_\_\_

TIME OF PURGING: \_\_\_\_\_

VOLUME PURGED: \_\_\_\_\_

pH	Temp	Spec. Cond.	Corr. Cond.	Redox Pot.	D.O.	Turbidity	WELL VOLUMES PURGED					
							Initial	1	2	3	4	5
<del>(Dry)</del>												

VOLUME TO PURGE CALCULATION TABLE					
Well casing Diameter (in.)	Gallons Per Foot of Depth	Water	Feet of Standing	3 Well	Total Volume to Purge (Gal.)
6	1.469	X		X 3	
4	0.653	X		X 3	
2	0.163	X		X 3	
1	0.041	X		X 3	

**SAMPLING DATA**

DATE/TIME OF SAMPLING: \_\_\_\_\_

SAMPLING METHOD: \_\_\_\_\_

SAMPLING RATE (IF USING DEDICATED PUMP): \_\_\_\_\_

STATIC WATER LEVEL (AFTER SAMPLING): \_\_\_\_\_

**NOTES**

EXPLOSIVE GAS READING PRIOR TO STATIC WATER LEVEL: \_\_\_\_\_

%CH<sub>4</sub>: \_\_\_\_\_

%LEL: \_\_\_\_\_

**METER CALIBRATIONS**

DATE: 9/26/02  
TIME: 0615

pH 4.01 = 4.00

pH 7.00 = 7.00

pH 10.01 = 10.01

Slope = \_\_\_\_\_

Cond. Slope = \_\_\_\_\_

Standard Reading = 1413

2.5%CH<sub>4</sub> = \_\_\_\_\_

50% LEL = \_\_\_\_\_



**GROUNDWATER MONITORING WELL  
FIELD DATA SHEET**

MONITORING POINT: MW 7  
DETECTION: \_\_\_\_\_  
ASSESSMENT: \_\_\_\_\_

**FACILITY INFORMATION**

NAME: OLIVER FLOW ADDRESS: \_\_\_\_\_ CONTACT: \_\_\_\_\_  
PROJECT NUMBER: \_\_\_\_\_ TELEPHONE: \_\_\_\_\_

**MONITORING WELL DATA**

COORDINATES: \_\_\_\_\_ N \_\_\_\_\_ E \_\_\_\_\_  
GROUND SURFACE ELEVATION: \_\_\_\_\_  
TOTAL DEPTH (FROM GROUND SURFACE): \_\_\_\_\_  
SCREENED INTERVAL (INCLUDING SAND PACK): \_\_\_\_\_  
SCREENED FORMATION: \_\_\_\_\_  
CASING MATERIAL/DIAMETER: \_\_\_\_\_  
TOP OF CASING ELEVATION: \_\_\_\_\_  
TOTAL DEPTH (FROM TOP OF CASING): \_\_\_\_\_  
SCREENED DEPTH (SCREEN ONLY): \_\_\_\_\_

**WEATHER CONDITIONS**

WEATHER: Partly sunny, light rain  
BAROMETRIC PRESSURE: 29.68 in  
WIND DIRECTION: W 15-20 mph  
TEMPERATURE (°F): 72

**FIELD MEASURED PARAMETERS**

PERSONNEL PRESENT: Mike CHARCOLO  
MEASURED TOTAL DEPTH (FROM TOP): 86.92  
VOLUME OF STATIC WATER: 0.57  
STATIC WATER LEVEL (FROM TOP): 28.40  
GROUNDWATER ELEVATION: \_\_\_\_\_

**PURGING DATA**

DATE OF PURGING: 9/24/02  
PURGING METHOD: Disposable Bagler  
PURGING RATE: Variable  
TIME OF PURGING: 0.950  
VOLUME PURGED: 2.0 gal

WELL VOLUMES PURGED		1	2	3	4	5	6/Final
Initial	6.67	6.78	6.79	6.82			
pH	6.4	6.6	6.7	6.8			
Temp.	16.4	15.6	15.4	15.4			
Spec. Cond.	792	771	773	771			
Corr. Cond.							
Redox Pot.							
D.O.							
Turbidity	3	3	3	3			

VOLUME TO PURGE CALCULATION TABLE			
Well casing	Gallons Per Foot	Feet of Standing	Total Volume to Purge (Gal.)
6	1.469	X	X 3
4	0.653	X	X 3
2	0.163	X 3.52	X 3 1.72
1	0.041	X	X 3
Diameter (in.)	of Depth	Water	Volumes
			Purge (Gal.)

**SAMPLING DATA**

DATE/TIME OF SAMPLING: 9/20/02 1220  
SAMPLING METHOD: Disposable Bagler  
SAMPLING RATE (IF USING DEDICATED PUMP): 5100 ml/min  
STATIC WATER LEVEL (AFTER SAMPLING): \_\_\_\_\_

**NOTES**

EXPLOSIVE GAS READING PRIOR TO STATIC WATER LEVEL: \_\_\_\_\_  
%CH<sub>4</sub>: \_\_\_\_\_  
%LEL: \_\_\_\_\_

**METER CALIBRATIONS**

DATE: 9/24/02  
TIME: 0615  
pH 4.01 = 4.00  
pH 7.00 = 7.00  
pH 10.01 = 10.00  
Standard Reading = 1413  
1413 µS/cm  
Cond. Slope = \_\_\_\_\_  
Slope = \_\_\_\_\_  
2.5%CH<sub>4</sub> = \_\_\_\_\_  
50%LEL = \_\_\_\_\_

& associates, inc.



**GROUNDWATER MONITORING WELL  
FIELD DATA SHEET**

MONITORING POINT: MRB

DETECTION: \_\_\_\_\_

ASSESSMENT: \_\_\_\_\_

**FACILITY INFORMATION**

NAME: OLIVER PLOW ADDRESS: \_\_\_\_\_ CONTACT: \_\_\_\_\_

PROJECT NUMBER: \_\_\_\_\_ TELEPHONE: \_\_\_\_\_

**MONITORING WELL DATA**

COORDINATES: \_\_\_\_\_ N \_\_\_\_\_ E

CONDITION OF WELL: Good

GROUND SURFACE ELEVATION: \_\_\_\_\_ CASING MATERIAL/DIAMETER: \_\_\_\_\_

TOTAL DEPTH (FROM GROUND SURFACE): \_\_\_\_\_ TOP OF CASING ELEVATION: \_\_\_\_\_

SCREENED INTERVAL (INCLUDING SAND PACK): \_\_\_\_\_ TOTAL DEPTH (FROM TOP OF CASING): \_\_\_\_\_

SCREENED FORMATION: \_\_\_\_\_ SCREENED DEPTH (SCREEN ONLY): \_\_\_\_\_

**WEATHER CONDITIONS**

WEATHER: Partly Sunny / Light Rain BAROMETRIC PRESSURE: 29.68 in

WIND DIRECTION: W WIND SPEED: 15.20 mph TEMPERATURE (F): 73

**FIELD MEASURED PARAMETERS**

PERSONNEL PRESENT: MIKE CHARNOV MEASURED TOTAL DEPTH (FROM TOC): 27.60

VOLUME OF STATIC WATER: 0.57 STATIC WATER LEVEL (FROM TOC): 24.07

**DATE OF PURGING:** 9/20/02

PURGING METHOD: Disposable Bailer

PURGING RATE: 1415 gals

TIME OF PURGING: 1012

VOLUME PURGED: 2.0 gals

**WELL VOLUMES PURGED**

Initial	1	2	3	4	5	6/Final
6.86	6.85	6.81	6.80			
15.2	14.0	14.1	14.0			
542	800	847	840			

**VOLUME TO PURGE CALCULATION TABLE**

Well casing Diameter (in.)	Feet of Depth of	Water	3 Well Volumes	Total Volume to Purge (Gal.)
6	1.469	X	X 3	
4	0.653	X	X 3	
2	0.163	X	X 3	1.72
1	0.041	X	X 3	

**SAMPLING DATA**

DATE/TIME OF SAMPLING: 9/20/02 1235

SAMPLING METHOD: Disposable Bailer

SAMPLING RATE (IF USING DEDICATED PUMP): 5100 ml/min

STATIC WATER LEVEL (AFTER SAMPLING): \_\_\_\_\_

**NOTES**

EXPLOSIVE GAS READING PRIOR TO STATIC WATER LEVEL: \_\_\_\_\_

% CH<sub>4</sub>: \_\_\_\_\_

% LEL: \_\_\_\_\_

**METER CALIBRATIONS**

DATE: 9/20/02 TIME: 0615

pH 4.01 = 4.00 pH 7.00 = 7.00 pH 10.01 = 10.00

Standard Reading = 1413

Slope = \_\_\_\_\_ Cond. Slope = \_\_\_\_\_

1413  $\mu$ S/cm 50% LEL = \_\_\_\_\_



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 & Associates, Inc.

**GROUNDWATER MONITORING WELL  
 FIELD DATA SHEET**

MONITORING POINT: MW9  
 DETECTION: \_\_\_\_\_  
 ASSESSMENT: \_\_\_\_\_

**FACILITY INFORMATION**

NAME: Oliver Plow ADDRESS: \_\_\_\_\_ CONTACT: \_\_\_\_\_  
 PROJECT NUMBER: \_\_\_\_\_ TELEPHONE: \_\_\_\_\_

**MONITORING WELL DATA**

COORDINATES: \_\_\_\_\_ N \_\_\_\_\_ E \_\_\_\_\_  
 GROUND SURFACE ELEVATION: \_\_\_\_\_  
 TOTAL DEPTH (FROM GROUND SURFACE): \_\_\_\_\_  
 SCREENED INTERVAL (INCLUDING SAND PACK): \_\_\_\_\_  
 SCREENED FORMATION: \_\_\_\_\_  
 CASING MATERIAL/DIAMETER: \_\_\_\_\_  
 TOP OF CASING ELEVATION: \_\_\_\_\_  
 TOTAL DEPTH (FROM TOP OF CASING): \_\_\_\_\_  
 SCREENED DEPTH (SCREEN ONLY): \_\_\_\_\_  
 CONDITION OF WELL: Good

**WEATHER CONDITIONS**

WEATHER: Partly Sunny, Light Rain  
 BAROMETRIC PRESSURE: 29.65 in  
 WIND DIRECTION: to 15-20 mph  
 TEMPERATURE (F): 72

**FIELD MEASURED PARAMETERS**

PERSONNEL PRESENT: Mike GARGIOL  
 MEASURED TOTAL DEPTH (FROM TOC): 26.65  
 VOLUME OF STATIC WATER: 0.73  
 STATIC WATER LEVEL (FROM TOC): 22.70  
 GROUNDWATER ELEVATION: \_\_\_\_\_

**PURGING DATA**

DATE OF PURGING: 9/20/02  
 PURGING METHOD: Disposable Bag/ler  
 PURGING RATE: Variable  
 TIME OF PURGING: 1135  
 VOLUME PURGED: 2.5 gals

**WELL VOLUMES PURGED**

Initial	1	2	3	4	5	6/Final
7.23	7.14	7.13	7.10			
14.6	14.5	14.5	14.4			
771	792	795	800			
Spec. Cond.						
Corr. Cond.						
Redox Pot.						
D.O.						
Turbidity						

**VOLUME TO PURGE CALCULATION TABLE**

Well casing	Diameter (in.)	Gallons Per Foot	Feet of Standing Water	3 Well	Total Volume to Purge (Gal.)
1	0.041	X	X	X 3	
2	0.163	X	X 4.45	X 3	2.18
4	0.653	X	X	X 3	
6	1.469	X	X	X 3	

**SAMPLING DATA**

DATE/TIME OF SAMPLING: 9/20/02 1315  
 SAMPLING METHOD: Disposable Bag/ler  
 SAMPLING RATE (IF USING DEDICATED PUMP): < 100 ml/min  
 STATIC WATER LEVEL (AFTER SAMPLING): \_\_\_\_\_

**NOTES**

EXPLOSIVE GAS READING PRIOR TO STATIC WATER LEVEL: \_\_\_\_\_  
 % CH4: \_\_\_\_\_  
 % LEL: \_\_\_\_\_

**METER CALIBRATIONS**

DATE: 9/20/02 TIME: 0615  
 pH 4.01 = 4.00  
 pH 7.00 = 7.00  
 pH 10.01 = 10.00  
 Slopes: \_\_\_\_\_  
 Cond. Slope: \_\_\_\_\_  
 1413 µS/cm  
 Standard Reading = 1913  
 2.5%CH4 = \_\_\_\_\_  
 50% LEL = \_\_\_\_\_





### GROUNDWATER MONITORING WELL FIELD DATA SHEET

MONITORING POINT: MW2  
DETECTION:  
ASSESSMENT:

#### FACILITY INFORMATION

NAME: olive plus ADDRESS: \_\_\_\_\_ CONTACT: \_\_\_\_\_  
PROJECT NUMBER: \_\_\_\_\_ TELEPHONE: \_\_\_\_\_

#### MONITORING WELL DATA

COORDINATES: \_\_\_\_\_ N \_\_\_\_\_ E \_\_\_\_\_  
GROUND SURFACE ELEVATION: \_\_\_\_\_  
TOTAL DEPTH (FROM GROUND SURFACE): \_\_\_\_\_  
SCREENED INTERVAL (INCLUDING SAND PACK): \_\_\_\_\_  
SCREENED FORMATION: \_\_\_\_\_  
CASING MATERIAL/DIAMETER: \_\_\_\_\_  
TOP OF CASING ELEVATION: \_\_\_\_\_  
TOTAL DEPTH (FROM TOP OF CASING): \_\_\_\_\_  
SCREENED DEPTH (SCREEN ONLY): \_\_\_\_\_  
CONDITION OF WELL: Good

#### WEATHER CONDITIONS

WEATHER: Partly Sunny, light rain  
BAROMETRIC PRESSURE: 29.65 in.  
WIND DIRECTION: W 15-20 mph TEMPERATURE (F): 72

#### FIELD MEASURED PARAMETERS

PERSONNEL PRESENT: Mike Charcho  
MEASURED TOTAL DEPTH (FROM TOC): 24.92  
VOLUME OF STATIC WATER: 0.74  
STATIC WATER LEVEL (FROM TOC): 20.35  
GROUNDWATER ELEVATION: \_\_\_\_\_

#### PURGING DATA

DATE OF PURGING: 9/20/02  
PURGING METHOD: Disposable Bailer  
PURGING RATE: variable  
TIME OF PURGING: 11:20  
VOLUME PURGED: 2.5 gal

WELL VOLUMES PURGED							
	Initial	1	2	3	4	5	6/Final
pH	7.0	6.94	6.87	6.88			
Temp.	15.1	14.7	14.5	14.4			
Spec. Cond.	901	957	953	955			
Corr. Cond.							
Redox Pot.							
D.O.							
Turbidity							

VOLUME TO PURGE CALCULATION TABLE					
Well casing Diameter (in.)	Gallons Per Foot of Depth	Feet of Standing Water	Volumes	Purge (Gal.)	Total Volume to Purge (Gal.)
6	1.469	X	X 3		
4	0.653	X	X 3		
2	0.163	X 4.57	X 3		2.23
1	0.041	X	X 3		

#### SAMPLING DATA

DATE/TIME OF SAMPLING: 9/20/02 13:05  
SAMPLING METHOD: Disposable Bailer  
SAMPLING RATE (IF USING DEDICATED PUMP): \_\_\_\_\_  
STATIC WATER LEVEL (AFTER SAMPLING): \_\_\_\_\_  
SAMPLING RATE: 500 ml/min

#### NOTES

EXPLOSIVE GAS READING PRIOR TO STATIC WATER LEVEL: \_\_\_\_\_

#### METER CALIBRATIONS

DATE: 9/20/02 TIME: 06:15  
pH 4.01 = 4.00  
pH 7.00 = 7.00  
pH 10.01 = 10.00  
Standard Reading = 1413  
1413 µS/cm  
Cond. Slope = \_\_\_\_\_  
Slope = \_\_\_\_\_  
2.5%CH<sub>4</sub> = \_\_\_\_\_  
50%LEL = \_\_\_\_\_

GROUND-WATER MONITOR WELL DATA SHEET

Monitor Well ID: **RTW1D**

FACILITY INFORMATION

Name: **Area C South Bend, Ind.**  
 Address: \_\_\_\_\_  
 Telephone: \_\_\_\_\_  
 Project No.: **SBIAS**

MONITOR WELL DATA

Coordinates: **N 41° 40' 00" W 086° 15' 90" E**  
 Condition of Well: **Hydropunch**  
 Screened Formation: **NA**  
 Top of Casing Elevation: **NA**  
 Total Depth: **NA**  
 (From Top of Casing) **38' - 35"**  
 Screened Interval: **NA**  
 (Screen Only)

WEATHER CONDITIONS

Weather: **Cloudy**  
 Barometric Pressure: **11**  
 Wind Direction: \_\_\_\_\_  
 Temperature: **45°**

FIELD MEASURED PARAMETERS

Personnel Present: **Matt Young**  
 Measured Total Depth: **38'**  
 (From Top of Casing) **7' 00" gal**  
 Volume of Static Water: \_\_\_\_\_

PURGING DATA

Date of Purging: **11-20-02**  
 Purging Method: **water**  
 Purging Rate: \_\_\_\_\_  
 Volume Purged: **2.5 gal**  
 Time of Purging: **10:35**

Volume-to-Purge Calculation Table

Well Casing Dia. (in.)	% of Depth	Feet of Standing Water	Volumes to Purge	Gallons to Purge
6	1.469	X	X	3
4	0.653	X	X	3
2	0.163	X	X	3

Turbidity	Temp.	Spec. Cond.	Corr. Cond.	Redox Pot.	D.O.
Initial	7.07	7.01	7.00	6.99	
1	12.1	37µs	37µs	12.8	
2	12.8	37µs	37µs	12.9	
3					
4					

SAMPLING DATA

Date of Sampling: **11-20-02**  
 Sampling Method: **water**  
 Time of Sampling: **10:45**  
 Static Water Level: \_\_\_\_\_  
 (At Time of Sampling)

Turbidity	Temp.	Spec. Cond.	Corr. Cond.	Redox Pot.	D.O.
1					
2					
3					
4					

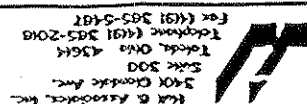
Notes
Percent Gas: _____
Percent LEL: _____

ANNA (01016)  
 574-235-9374  
 574-298-5484

M. W. Peterson Printing

2002  
2-15-02

HW30111308  
GROUNDWATER



**GROUND-WATER MONITOR WELL DATA SHEET**

Monitor Well ID: **PTW25**

**Area**  
 Name: **South Bend, IX**  
 Address: **ANK Coloto**  
 Project No.: **SBI015**

**MONITOR WELL DATA**

Coordinates: **same as PTW2D**  
 Casing Material/Diameter: **1"**  
 Ground Surface Elevation: **NA**  
 Total Depth: **3D**  
 (From Ground Surface)  
 Screened Interval: **NA**  
 (Including Sand Pack)  
 Weather: **cloudy**  
 Barometric Pressure: **11**

**WEATHER CONDITIONS**

Temperature: **45°**  
 Wind Direction: **W**

**FIELD MEASURED PARAMETERS**

Personnel Present: **M. Young**  
 Measured Total Depth: **30**  
 (From Top of Casing)  
 Volume of Static Water: **.17 gal**  
 Static Water Level: **26**  
 (From Top of Casing)  
 Ground-Water Elevation: **NA**

**PURGING DATA**

Date of Purging: **11-20-02**  
 Purging Method: **water**  
 Purging Rate: \_\_\_\_\_  
 Volume Purged: **1 gal**  
 Time of Purging: **12:55**

Well Volumes Purged

Initial	1	2	3	4
pH	7.03	7.01	6.97	
Temp.	14.6	14.7	14.7	
Spec. Cond.	429us	430us	425us	
Corr. Cond.				
Redox Pot.				
D.O.				
Turbidity				

Volume-to-Purge Calculation Table

Well Casing Dia. (in.)	% of Depth	Feet of Standing Water	Volumes to Purge	Gallons to Purge
6	1.469	X	X	3
4	0.653	X	X	3
2	0.163	X	X	3

**SAMPLING DATA**

Date of Sampling: **11-20-02**  
 Sampling Method: **water**  
 Time of Sampling: **13:00**  
 Static Water Level: \_\_\_\_\_  
 (At Time of Sampling)

Final/Additional Well Volumes

1	2	3	4
pH			
Temp.			
Spec. Cond.			
Corr. Cond.			
Redox Pot.			
D.O.			
Turbidity			

Notes

Percent Gas: \_\_\_\_\_

Percent LEL: \_\_\_\_\_

PROJ#1130  
 02/03/04 ESKAL

Final/Additional Well Volumes	1	2	3	4
pH				
Temp.				
Spec. Cond.				
Corr. Cond.				
Redox Pot.				
D.O.				
Turbidity				

Notes
Percent Gas:
Percent LCL:

**SAMPLING DATA**

Date of Sampling: 11-20-02  
 Sampling Method: Water  
 Static Water Level: \_\_\_\_\_  
 Time of Sampling: 12:50  
 (At Time of Sampling)

Well Volumes Purged	Initial	1	2	3	4
pH	7.06	7.02	6.96	6.96	6.96
Temp.	14.8	14.7	14.5	14.4	14.4
Spec. Cond.	412 us	412 us	385 us	394 us	411 us
Corr. Cond.					
Redox Pot.					
D.O.					
Turbidity					

Volume-to-Purge Calculation Table	Well Casing Dia. (in.)	Gallons Per Ft. of Depth	Feet of Standing Water	3 Well Volumes	10 Purge
6	1.469	X	X	X	3
4	0.653	X	X	X	3
2	0.163	X	X	X	3

**PURGING DATA**

Date of Purging: 11-20-02  
 Purging Method: Water  
 Purging Rate: \_\_\_\_\_  
 Volume Purged: 2.0 gal  
 Time of Purging: 12:40

**FIELD MEASURED PARAMETERS**

Personnel Present: M. Young  
 Measured Total Depth: 39'  
 (From Top of Casing)  
 Volume of Static Water: 0.47  
 (From Top of Casing)  
 Static Water Level: 28'  
 (From Top of Casing)  
 Ground-Water Elevation: \_\_\_\_\_

**WEATHER CONDITIONS**

Weather: Cloudy  
 Barometric Pressure: \_\_\_\_\_  
 Temperature: \_\_\_\_\_  
 Wind Direction: \_\_\_\_\_

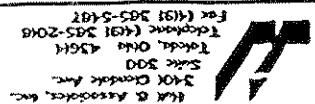
**MONITOR WELL DATA**

Coordinates: N 41° 40' 04" W 086° 15' 97" E  
 Casing Material/Diameter: 1"  
 Ground Surface Elevation: NA  
 Total Depth: 39'  
 (From Ground Surface)  
 Screened Interval: NA  
 (Including Sand Pack)  
 Screened Formation: NA  
 Top of Casing Elevation: NA  
 Total Depth: NA  
 (From Top of Casing)  
 Screened Interval: 35-39  
 (Screen Only)  
 Condition of Well: Hydrapunch

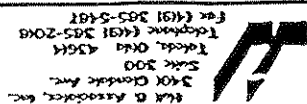
**FACILITY INFORMATION**

Name: Area C  
 Address: South Bend, Ill.  
 Contact: Alan Colofa  
 Telephone: \_\_\_\_\_  
 Project No.: SB1015

**GROUND-WATER MONITOR WELL DATA SHEET**



Monitor Well ID: D122 D



**GROUND-WATER MONITOR WELL DATA SHEET**

Monitor Well ID: **PTW35**

**FACILITY INFORMATION**

Name: **Arcis** Address: **South Bend, IN** Contact: **Ann Colote**  
 Project No.: \_\_\_\_\_ Telephone: \_\_\_\_\_

**MONITOR WELL DATA**

Coordinates: **Same as PTW35**  
 Condition of Well: **Hydrapunch**  
 Screened Formation: **NA**  
 Total Depth: **29'**  
 (From Top of Casing) Ground Surface Elevation: **NA**  
 (From Ground Surface) Casing Material/Diameter: **1"**  
 Screened Interval: **NA**  
 (Including Sand Pack) Screenshot Interval: **29-29**  
 (Screen Only) Temperature: **45.0**  
 Wind Direction: \_\_\_\_\_

**WEATHER CONDITIONS**

Weather: **Cloudy** Barometric Pressure: **11**  
 Temperature: \_\_\_\_\_ Wind Direction: \_\_\_\_\_

**FIELD MEASURED PARAMETERS**

Personnel Present: **M. Young**  
 Measured Total Depth: **29'**  
 (From Top of Casing) Volume of Static Water: **.25 gal**  
 (From Top of Casing) Static Water Level: **23'**  
 (From Top of Casing) Ground-Water Elevation: **NA**

**PURGING DATA**

Date of Purging: **11-20-02** Purging Method: **Water**  
 Time of Purging: **13:45** Volume Purged: \_\_\_\_\_  
 Purging Rate: \_\_\_\_\_

**Well Volumes Purged**

Well Volumes Purged	Initial	1	2	3	4
pH	7.01	7.01	7.00	6.97	
Temp.	15.1	14.8	14.7	14.6	
Spec. Cond.	392 us	392 us	395 us	398 us	
Corr. Cond.					
Redox. Pot.					
Turbidity					

**Volume-to-Purge Calculation Table**

Well Casing Dia. (in.)	% of Depth	Feet of Standing Water	3 Well Volumes	Gallons to Purge
6	1.469	X	X	3
4	0.653	X	X	3
2	0.163	X	X	3

**SAMPLING DATA**

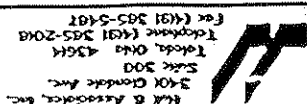
Date of Sampling: **11-20-02** Sampling Method: **Water**  
 Time of Sampling: **14:00** Static Water Level: \_\_\_\_\_  
 (At Time of Sampling)

**Final/Additional Well Volumes**

Final/Additional Well Volumes	1	2	3	4
pH				
Temp.				
Spec. Cond.				
Corr. Cond.				
Redox. Pot.				
Turbidity				

Notes: \_\_\_\_\_  
 Percent Gas: \_\_\_\_\_  
 Percent LEL: \_\_\_\_\_

MONITOR WELL DATA SHEET



**GROUND-WATER MONITOR WELL DATA SHEET**

Monitor Well ID: **MTW3D**

**FACILITY INFORMATION**  
 Name: **Area C**  
 Address: **South Bend, IN**  
 Contact: **ANN Colton**  
 Telephone: \_\_\_\_\_  
 Project No.: **SBI015**

**MONITOR WELL DATA**  
 Coordinates: **N 41° 40.069' W 086° 15.968'**  
 Condition of Well: **H/dripunch**

**MONITOR WELL DATA**  
 Casing Material/Diameter: \_\_\_\_\_  
 Ground Surface Elevation: **N/A**  
 Total Depth: **39**  
 (From Ground Surface)  
 Screened Interval: **N/A**  
 (Including Sand Pack)  
 Screened Interval: **35-39**  
 (Screen Only)

**WEATHER CONDITIONS**

Weather: **Cloudy**  
 Barometric Pressure: \_\_\_\_\_  
 Temperature: **45°**  
 Wind Direction: \_\_\_\_\_

**FIELD MEASURED PARAMETERS**

Personnel Present: **M. Young**  
 Measured Total Depth: **39**  
 (From Top of Casing)  
 Volume of Static Water: **64 gal**  
 (From Top of Casing)  
 Static Water Level: **24**  
 (From Top of Casing)  
 Ground-Water Elevation: **N/A**

**PURGING DATA**  
 Date of Purging: **11-20-02**  
 Purging Method: **Water**  
 Purging Rate: \_\_\_\_\_  
 Volume Purged: \_\_\_\_\_  
 Time of Purging: **13:32**

**Volume-to-Purge Calculation Table**

Well Dia. (in.)	Feet of Standing Water	3 Well Volumes	Gallons to Purge
6	1.469	X	"
4	0.653	X	"
2	0.163	X	"

**Well Volumes Purged**

Initial	1	2	3	4
pH	7.24	7.22	7.14	7.05
Temp.	16.5	15.8	15.4	15.0
Spec. Cond.	423µs	412µs	409µs	408µs
Corr. Cond.				
Redox. Pot.				
D.O.				
Turbidity				

**SAMPLING DATA**  
 Date of Sampling: **11-20-02**  
 Sampling Method: **Water**  
 Static Water Level: \_\_\_\_\_  
 (At Time of Sampling)  
 Time of Sampling: **13:38**

**Final/Additional Well Volumes**

1	2	3	4
pH			
Temp.			
Spec. Cond.			
Corr. Cond.			
Redox. Pot.			
D.O.			
Turbidity			

Notes \_\_\_\_\_  
 Percent Gas: \_\_\_\_\_  
 Percent LEL: \_\_\_\_\_

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 02/01/01 1200LL

Turbidity									
D.O.									
Redox. Pot.									
Corr. Cond.									
Spec. Cond.									
Temp.									
pH									
Final/Additional Well Volumes									
	1	2	3	4					

Notes

Percent Gas: \_\_\_\_\_

Percent LEL: \_\_\_\_\_

Date of Sampling: 11-20-02

Sampling Method: Water

Static Water Level: \_\_\_\_\_

(At Time of Sampling)

Time of Sampling: 16:00

**SAMPLING DATA**

Turbidity									
D.O.									
Redox. Pot.									
Corr. Cond.									
Spec. Cond.	45ms	42ms	41ms	41ms	41ms	41ms	41ms	41ms	41ms
Temp.	14.1	14.1	14.1	14.0	14.0	14.0	14.0	14.0	14.0
pH	6.96	7.01	7.01	7.01	7.01	7.01	7.01	7.01	7.01
Well Volumes Purged									
	Initial	1	2	3	4				

Well Casing Dia. (in.)	6	4	2
Feet of Standing Water	X	X	X
Volumes to Purge	X	X	X
Gallons	3	3	3

Volume-to-Purge Calculation Table

Purging Rate: \_\_\_\_\_

Purging Method: Water

Date of Purging: 11-20-02

Time of Purging: 15:40

Volume Purged: \_\_\_\_\_

**PURGING DATA**

**FIELD MEASURED PARAMETERS**

Personnel Present: M. Young

Measured Total Depth: 25

(From Top of Casing)

Volume of Static Water: 43

(From Top of Casing)

Ground-Water Elevation: NA

Barometric Pressure: \_\_\_\_\_

Weather: Cloudy

Temperature: 45.0

Wind Direction: \_\_\_\_\_

**WEATHER CONDITIONS**

Coordinates: \_\_\_\_\_

Casing Material/Diameter: 1"

Ground Surface Elevation: NA

Total Depth: 25

(From Ground Surface)

Screened Interval: NA

(Including Sand Pack)

**MONITOR WELL DATA**

Condition of Well: Hydropunch

Screened Formation: NA

Top of Casing Elevation: NA

Total Depth: NA

(From Top of Casing)

Screened Interval: 24-25

(Screen Only)

**FACILITY INFORMATION**

Name: Area

Address: South Bend, IN

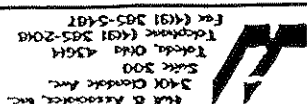
Contact: Ann Coloto

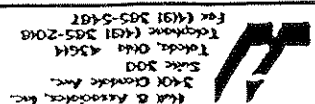
Telephone: \_\_\_\_\_

Project No.: SBIOIS

**GROUND-WATER MONITOR WELL DATA SHEET**

Monitor Well ID: RTW45





**GROUND-WATER MONITOR WELL DATA SHEET**

Monitor Well ID: P144D

**FACILITY INFORMATION**

Name: Area C Project No.: SBJ015

Address: South Bend, Ind. Contact: Ann Cote

**MONITOR WELL DATA**

Coordinates: N 41° 40.079' W 086° 15.952' Condition of Well: Hydropunch

Screened Formation: NA Screened Interval: NA Top of Casing Elevation: NA Total Depth: NA (From Top of Casing) Screened Interval: 38-35 (Screen Only)

**WEATHER CONDITIONS**

Weather: cloudy Barometric Pressure: 11 Wind Direction: 45° Temperature: 45°

**FIELD MEASURED PARAMETERS**

Personnel Present: M. Young Measured Total Depth: 38 (From Top of Casing) Volume of Static Water: 7 Ground-Water Elevation: 22 (From Top of Casing) Static Water Level: 22

**PURGING DATA**

Date of Purging: 11-20-02 Purging Method: water Volume Purged: \_\_\_\_\_ Time of Purging: 15:25

**Well Volumes Purged**

Well Volumes Purged	Initial	1	2	3	4
pH	7.08	7.06	7.01	6.98	6.97
Temp.	14.8	14.6	14.3	14.2	14.1
Spec. Cond.	427 $\mu$ S	391 $\mu$ S	423 $\mu$ S	413 $\mu$ S	423 $\mu$ S
Corr. Cond.					
Redox Pot.					
Turbidity					

**Volume-to-Purge Calculation Table**

Well Casing Dia. (in.)	% of Depth	Feet of Standing Water	Volumes to Purge	Gallons to Purge
6	1.469	X	X	3
4	0.653	X	X	3
2	0.163	X	X	3

**SAMPLING DATA**

Date of Sampling: 11-20-02 Sampling Method: water Time of Sampling: 15:38 Static Water Level: \_\_\_\_\_ (At Time of Sampling)

**Final/Additional Well Volumes**

Final/Additional Well Volumes	1	2	3	4
pH				
Temp.				
Spec. Cond.				
Corr. Cond.				
Redox Pot.				
Turbidity				

Notes: Concrete Floor

Percent Gas: \_\_\_\_\_

Percent LEL: \_\_\_\_\_

MONITORING POINT LOG



Turbidity									
0.0									
Redox Pot.									
Corr. Cond.									
Spec. Cond.									
Temp.									
pH									
Final/Additional Well Volumes	1	2	3	4					

Notes  
 Shearn on water, Sweet odor

Percent Gas: \_\_\_\_\_  
 Percent LEL: \_\_\_\_\_

Date of Sampling: 11-20-02  
 Sampling Method: water

Time of Sampling: 16:45  
 Static Water Level: \_\_\_\_\_  
 (At Time of Sampling)

Turbidity									
0.0									
Redox Pot.									
Corr. Cond.									
Spec. Cond.	391ms	382ms	383ms	386ms					
Temp.	13.0	13.1	13.1	13.2					
pH	7.14	6.99	6.97	6.96					
Well Volumes Purged	initial	2	3	4					

Well Casing Dia. (in.)	Feet of Standing Water	3 Well Volumes	to Purge Gallons
6	1.469	X	X
4	0.653	X	X
2	0.163	X	X

Volume-to-Purge Calculation Table

Furging Rate: \_\_\_\_\_  
 Furging Method: water  
 Date of Furging: 11-20-02  
 Time of Furging: 16:35  
 Volume Purged: 1 gal

FIELD MEASURED PARAMETERS

Personnel Present: M. Young  
 Measured Total Depth: 25  
 (From Top of Casing)  
 Volume of Static Water: 25 gal

Static Water Level: 19  
 (From Top of Casing)  
 Ground-Water Elevation: NA

WEATHER CONDITIONS

Weather: Cloudy  
 Barometric Pressure: 11

Temperature: 40°  
 Wind Direction: \_\_\_\_\_

MONITOR WELL DATA

Coordinates: see PWS N  
 Casing Material/Diameter: 1"  
 Ground Surface Elevation: NA  
 Total Depth: 25  
 (From Ground Surface)  
 Screened Interval: NA  
 (Including Sand Pack)

Screened Formation: NA  
 Top of Casing Elevation: NA  
 Total Depth: NA  
 (From Top of Casing)  
 Screened Interval: 25-29  
 (Screen Only)

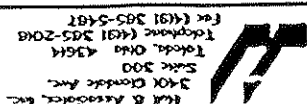
FACILITY INFORMATION

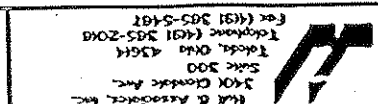
Name: Area C  
 Address: South Bend, IN  
 Contact: ANN Coloto

Project No.: SBC1015  
 Telephone: \_\_\_\_\_

GROUND-WATER MONITOR WELL DATA SHEET

Monitor Well ID: PWS5





**GROUND-WATER MONITOR WELL DATA SHEET**

Monitor Well ID: PTWSD

**FACILITY INFORMATION**

Name: Area C South Bend  
 Address: 4111 Labeta  
 Contact: Korner  
 Telephone: \_\_\_\_\_  
 Project No.: SBE015

**MONITOR WELL DATA**

Coordinates: N 41° 40' 100  
W 86° 15' 965  
 Condition of Well: Hydropunch  
 Screened Formation: NA  
 Top of Casing Elevation: NA  
 Total Depth: NA  
 (From Top of Casing) 34.39  
 Screened Interval: NA  
 (Including Sand Pack) NA

**WEATHER CONDITIONS**

Weather: cloudy  
 Barometric Pressure: 11  
 Temperature: 40°  
 Wind Direction: \_\_\_\_\_

**FIELD MEASURED PARAMETERS**

Personnel Present: M. Young  
 Measured Total Depth: 39  
 (From Top of Casing) 7 gal  
 Volume of Static Water: \_\_\_\_\_  
 Ground-Water Elevation: NA  
 Static Water Level: 23  
 (From Top of Casing) NA

**PURGING DATA**

Date of Purging: 11-20-02  
 Purging Method: waters  
 Volume Purged: \_\_\_\_\_  
 Time of Purging: 16:12

**Well Volumes Purged**

Well Volumes Purged	Initial	1	2	3	4
Turbidity					
D.O.					
Redox Pot.					
Corr. Cond.					
Spec. Cond.	901	995	392	392	381
Temp.	14.1	13.5	13.5	13.4	13.3
pH	7.46	7.21	7.20	7.07	7.06

**Volume-to-Purge Calculation Table**

Well Casing Dia. (in.)	% of Depth	Feet of Standing Water	Volumes 3 Well	Gallons to Purge
6	1.469	X	X 3	.
4	0.653	X	X 3	.
2	0.163	X	X 3	.

**SAMPLING DATA**

Date of Sampling: 11-20-02  
 Sampling Method: waters  
 Time of Sampling: 16:30  
 Static Water Level: \_\_\_\_\_  
 (At Time of Sampling)

**Final/Additional Well Volumes**

Final/Additional Well Volumes	1	2	3	4
Turbidity				
D.O.				
Redox Pot.				
Corr. Cond.				
Spec. Cond.				
Temp.				
pH				

**Notes**

Percent Gas: \_\_\_\_\_  
 Percent LEL: \_\_\_\_\_

MONTWELL 01/27/11 10:41

GROUND-WATER MONITOR WELL  
 DATA SHEET

Monitor Well ID: PTW05

FACILITY INFORMATION

Name: Area C  
 Address: South Bend, IN  
 Contact: Ann Colota  
 Telephone: \_\_\_\_\_

MONITOR WELL DATA

Coordinates: N41° W086°  
 Condition of Well: Hydropunch  
 Screened Formation: NA

WEATHER CONDITIONS

Weather: Cloudy / lt. Rain  
 Barometric Pressure: 11  
 Temperature: 40°  
 Wind Direction: \_\_\_\_\_

FIELD MEASURED PARAMETERS

Personnel Present: 30  
 Measured Total Depth: \_\_\_\_\_  
 (From Top of Casing)  
 Static Water Level: 24  
 (From Top of Casing)  
 Ground-Water Elevation: NA

PURGING DATA

Date of Purging: 11-21-02  
 Purging Method: Water  
 Purging Rate: \_\_\_\_\_  
 Volume Purged: \_\_\_\_\_  
 Time of Purging: 11:05

Volume-to-Purge Calculation Table

Well Casing Dia. (in.)	Gallons Per Ft. of Depth	Feet of Standing Water	3 Well Volumes	Gallons to Purge
6	1.469	X	X 3	"
4	0.653	X	X 3	"
2	0.163	X	X 3	"

Well Volumes Purged

Initial	1	2	3	4
pH	6.80	6.71	6.73	6.74
Temp.	11.4	12.1	12.0	11.9
Spec. Cond.	422	408	415	419
Corr. Cond.				
Redox Pot.				
D.O.				
Turbidity				

SAMPLING DATA

Date of Sampling: 11-21-02  
 Sampling Method: Water  
 Static Water Level: \_\_\_\_\_  
 (At Time of Sampling)  
 Time of Sampling: 11:20

Final/Additional Well Volumes

1	2	3	4
pH			
Temp.			
Spec. Cond.			
Corr. Cond.			
Redox Pot.			
D.O.			
Turbidity			

Notes  
Seen on water

Percent Gas: \_\_\_\_\_  
 Percent LEL: \_\_\_\_\_

Final/Additional Well Volumes	1	2	3	4
Turbidity				
D.O.				
Redox. Pot.				
Corr. Cond.				
Spec. Cond.				
Temp.				
pH				

Notes

Percent Gas: \_\_\_\_\_

Percent LEL: \_\_\_\_\_

Date of Sampling: 11-21-02

Sampling Method: Water

Time of Sampling: 11:05

Static Water Level: 23

(At Time of Sampling)

**SAMPLING DATA**

Well Volumes Purged	Initial	1	2	3	4
Turbidity					
D.O.					
Redox. Pot.					
Corr. Cond.					
Spec. Cond.	397ug	397ug	397ug	380ug	380ug
Temp.	10.4	11.5	11.9	12.0	12.0
pH	7.04	7.02	6.99	6.57	6.97

Purging Rate: \_\_\_\_\_

Purging Method: Water

Date of Purging: 11-21-02

Time of Purging: 10:55

Volume Purged: \_\_\_\_\_

**PURGING DATA**

Well Casing Dia. (in.)	% of Depth	Feet of Standing Water	Volumes to Purge	Gallons to Purge
6	1.469	X	X	3
4	0.653	X	X	3
2	0.163	X	X	3

Volume-to-Purge Calculation Table

**FIELD MEASURED PARAMETERS**

Measured Total Depth: 38 (From Top of Casing)

Volume of Static Water: \_\_\_\_\_

Personnel Present: M. Young

Weather: Cloudy, 41. Rain

Barometric Pressure: 11

Temperature: 40°

Wind Direction: \_\_\_\_\_

**WEATHER CONDITIONS**

Coordinates: N 41° W 40.105

Condition of Well: Hydroponic

Screened Formation: NA

Top of Casing Elevation: NA

Total Depth: NA

Screened Interval: 34-38 (Screen Only)

Weathered Sand Pack: NA

Ground Surface Elevation: NA

Casing Material/Diameter: 1"

Ground Surface Elevation: NA

Screened Interval: NA

**MONITOR WELL DATA**

Name: Area

Address: South Bend, TN

Contact: ANN Colata

Telephone: \_\_\_\_\_

Project No.: SBIO15

**FACILITY INFORMATION**

Monitor Well ID: 7106D

# Duplicates

**GROUND-WATER MONITOR WELL DATA SHEET**

444 B Associates, Inc.  
3401 Colorado Ave.  
Rock, OK 73087  
Telephone (405) 265-2004  
Fax (405) 265-5187



Final/Additional Well Volumes	1	2	3	4
Turbidity				
D.O.				
Redox Pot.				
Corr. Cond.				
Spec. Cond.				
Temp.				
pH				

Notes

Percent Gas: \_\_\_\_\_

Percent LEL: \_\_\_\_\_

Date of Sampling: 11-21-02

Sampling Method: water

Static Water Level: N/A (At Time of Sampling)

Time of Sampling: 12:15

**SAMPLING DATA**

Well Volumes Purged	Initial	1	2	3	4
Turbidity					
D.O.					
Redox Pot.					
Corr. Cond.					
Spec. Cond.	410 µs	401 µs	395 µs	384 µs	384 µs
Temp.	11.4	12.0	12.0	12.0	12.1
pH	7.29	7.27	7.24	7.25	7.24

Well Casing Dia. (in.)	Feet of Standing Water	Well Volumes Purged	Gallons to Purge
6	1.469	X	X
4	0.653	X	X
2	0.163	X	X

Volume-to-Purge Calculation Table

Date of Purging: 11-21-02

Purging Method: water

Purging Rate: \_\_\_\_\_

**PURGING DATA**

Volume Purged: \_\_\_\_\_

Time of Purging: 12:00

**FIELD MEASURED PARAMETERS**

Personnel Present: M. Young

Measured Total Depth: \_\_\_\_\_ (From Top of Casing)

Volume of Static Water: \_\_\_\_\_

Static Water Level: \_\_\_\_\_ (From Top of Casing)

Ground-Water Elevation: N/A

**WEATHER CONDITIONS**

Weather: Cloudy / H. Rain

Barometric Pressure: \_\_\_\_\_

Temperature: 40°

Wind Direction: \_\_\_\_\_

**MONITOR WELL DATA**

Coordinates: N 41° 40' 07" W 086° 16' 10" E

Condition of Well: Hydropunch

Screened Formation: N/A

Top of Casing Elevation: N/A

Ground Surface Elevation: N/A

Casing Material/Diameter: 1" / 1.315"

Total Depth: \_\_\_\_\_ (From Ground Surface)

Screened Interval: N/A (Including Sand Pack)

Screened Interval: \_\_\_\_\_ (Screen Only)

**FACILITY INFORMATION**

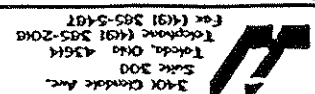
Name: Area C

Address: South Bend, IN

Contact: PH N Colte

Telephone: \_\_\_\_\_

Project No.: 5181015



Final/Additional Well Volumes	1	2	3	4
pH				
Temp.				
Spec. Cond.				
Corr. Cond.				
Redox Pot.				
D.O.				
Turbidity				

Notes

Percent Gas: \_\_\_\_\_

Percent LEL: \_\_\_\_\_

Date of Sampling: 11-21-02  
 Sampling Method: water  
 Time of Sampling: 11:14  
 Static Water Level: (At Time of Sampling)

**SAMPLING DATA**

Well Volumes Purged	initial	1	2	3	4
pH	7.44	7.48	2.33	7.29	7.28
Temp.	10.5	11.2	11.9	12.0	12.0
Spec. Cond.	407µs	387µs	387µs	384µs	383µs
Corr. Cond.					
Redox Pot.					
D.O.					
Turbidity					

Well Casing Gallons Per Foot of Depth	X	0.163	X	3	
Feet of Standing Water	X	0.653	X	3	
Gallons to Purge 3 Well Volumes	X	1.469	X	3	

Volume-to-Purge Calculation Table

Date of Purging: 11-21-02  
 Purging Method: water  
 Time of Purging: 11:50  
 Volume Purged: \_\_\_\_\_

**PURGING DATA**

**FIELD MEASURED PARAMETERS**

Personnel Present: M. Young  
 Measured Total Depth: \_\_\_\_\_  
 (From Top of Casing)  
 Volume of Static Water: \_\_\_\_\_  
 Static Water Level: \_\_\_\_\_  
 (From Top of Casing)  
 Ground-Water Elevation: NA

**WEATHER CONDITIONS**

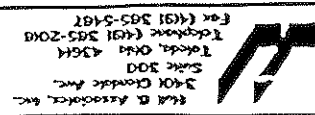
Weather: Cloudy / H. Rain  
 Barometric Pressure: 11  
 Temperature: 40°  
 Wind Direction: \_\_\_\_\_

**MONITOR WELL DATA**

Coordinates: N 40° 10' W 10860' / 10.016°  
 Casing Material/Diameter: 1" / 10.016"  
 Ground Surface Elevation: NA  
 Total Depth: NA  
 (From Ground Surface)  
 Screened Interval: NA  
 (Including Sand Pack)  
 Screened Formation: NA  
 Top of Casing Elevation: NA  
 Total Depth: NA  
 (From Top of Casing)  
 Screened Interval: 35-39  
 (Screen Only)  
 Condition of Well: Hydropunch

**FACILITY INFORMATION**

Name: Area C  
 Address: South Bend, IN  
 Contact: AUN Colota  
 Telephone: \_\_\_\_\_  
 Project No.: SBI015



Final/Additional Well Volumes	1	2	3	4
pH				
Temp.				
Spec. Cond.				
Corr. Cond.				
Redox. Pot.				
D.O.				
Turbidity				

Notes

Percent Gas: \_\_\_\_\_

Percent LEL: \_\_\_\_\_

**SAMPLING DATA**

Date of Sampling: 11-20-02

Sampling Method: \_\_\_\_\_

Static Water Level: \_\_\_\_\_ (At Time of Sampling)

Time of Sampling: 9:50

Well Volumes Purged	Initial	1	2	3	4
pH	7.00	6.98	6.98	7.07	
Temp. °C	13.1	13.3	13.5	13.6	
Spec. Cond.	407µs	407µs	417µs	403µs	
Corr. Cond.					
Redox. Pot.					
D.O.					
Turbidity	5 l	5 l/clear	5 l/clear	5 l/clear	

Volume-to-Purge Calculation Table			
Well Casing Dia. (in.)	% of Depth	Feet of Standing Water	3 Well Volumes to Purge
6	1.469	X	X 3
4	0.653	X	X 3
2	0.163	X	X 3

**PURGING DATA**

Date of Purging: 11-20-02

Purging Method: water

Purging Rate: \_\_\_\_\_

Volume Purged: \_\_\_\_\_

Time of Purging: 9:40

**FIELD MEASURED PARAMETERS**

Personnel Present: M. Young

Measured Total Depth: 30'

Volume of Static Water: 4 gal

Ground-Water Elevation: A1/A

Static Water Level: 27.5'

(From Top of Casing)

**WEATHER CONDITIONS**

Weather: cloudy

Barometric Pressure: 11

Temperature: 40°s

Wind Direction: \_\_\_\_\_

**MONITOR WELL DATA**

Coordinates: unable to get

Condition of Well: Hydrapunch

Screened Formation: N/A

Casing Material/Diameter: N/A

Ground Surface Elevation: N/A

Total Depth: N/A

Screened Interval: 26-30

Screened Interval: (Screen Only)

**FACILITY INFORMATION**

Name: Former Peterson Printing

Address: 746 S. Arnold St.

Contact: Ann Colata / Mike Peterson

Telephone: \_\_\_\_\_

Project No.: SRIDIS

Final/Additional Well Volumes	
4	
3	
2	
1	
Temp.	
Spec. Cond.	
Corr. Cond.	
Redox. Pot.	
D.O.	
Turbidity	

Notes  
 SBIDS: PTWBID: W112002: 505  
 Percent Gas: \_\_\_\_\_  
 Percent LEL: \_\_\_\_\_

Date of Sampling: 11-20-02  
 Sampling Method: Water  
 Static Water Level: \_\_\_\_\_  
 Time of Sampling: 9:35  
 (At Time of Sampling)

SAMPLING DATA

Well Volumes Purged	
4	
3	
2	
1	
Temp.	
Spec. Cond.	
Corr. Cond.	
Redox. Pot.	
D.O.	
Turbidity	

Volume-to-Purge Calculation Table				
Well Casing Dia. (in.)	% of Depth	Gallons Per Standing Water	Feet of Standing Water	3 Well Volumes to Purge
6	1.469	X	X	3
4	0.653	X	X	3
2	0.163	X	X	3

Date of Purging: 11-20-02  
 Purging Method: Water  
 Purging Rate: \_\_\_\_\_  
 Volume Purged: 4 gal  
 Time of Purging: 9:25

PURGING DATA

Personnel Present: M. Young  
 Measured Total Depth: 37'  
 (From Top of Casing)  
 Volume of Static Water: 1.3  
 Static Water Level: 29'  
 (From Top of Casing)

FIELD MEASURED PARAMETERS

Weather: mostly cloudy  
 Barometric Pressure: 30.11  
 Temperature: 40.0s  
 Wind Direction: \_\_\_\_\_

WEATHER CONDITIONS

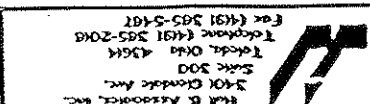
Coordinates: N  
 Condition of Well: Hydropunch  
 Screened Formation: NA  
 Top of Casing Elevation: NA  
 Total Depth: NA  
 (From Top of Casing)  
 Screened Interval: 35-37  
 (Screen Only)

MONITOR WELL DATA

Name: Formis Peterson Printing  
 Address: 746 S. Arnold St.  
 Contact: FNM Coloto / Mike Peterson  
 Telephone: \_\_\_\_\_

FACILITY INFORMATION

Project No.: SBIDS



GROUND-WATER MONITOR WELL DATA SHEET

Monitor Well ID: PTWBID



**GROUND-WATER MONITOR WELL DATA SHEET**  
 Monitor Well ID: SWM20

**FACILITY INFORMATION**

Name: Former Peterson Printing Bldg.  
 Address: Arnold St South Bend, IN  
 Contact: Ann Colby / Mike Peterson  
 Telephone: \_\_\_\_\_

**MONITOR WELL DATA**

Coordinates: N 41° 39' 08" W 086° 16' 01" W  
 Casing Material/Diameter: 2" PVC stringer  
 Ground Surface Elevation: unknown  
 Total Depth: unknown  
 (From Ground Surface)  
 Screened Interval: unknown  
 (Including Sand Pack)  
 Screened Formation: unknown  
 Top of Casing Elevation: 29.95  
 (From Top of Casing)  
 Condition of Well: slip cap  
 Temperature: 40°  
 Wind Direction: \_\_\_\_\_

**WEATHER CONDITIONS**

Weather: Cloudy/H Rain  
 Barometric Pressure: 11  
 Personnel Present: M. Young

**FIELD MEASURED PARAMETERS**

Measured Total Depth: 24.95  
 (From Top of Casing)  
 Volume of Static Water: .91 gal  
 (From Top of Casing)  
 Static Water Level: 19.35  
 (From Top of Casing)  
 Ground-Water Elevation: unknown

**PURGING DATA**

Date of Purging: 11-21-02  
 Purging Method: 1 3/4 bailer  
 Purging Rate: 100 gpm  
 Volume Purged: 4 gal  
 Time of Purging: 9:00

**Volume-to-Purge Calculation Table**

Well Casing Dia. (in.)	Feet of Depth	Gallons Per Foot of Depth	Well Volumes	3 Well Volumes	Gallons to Purge
6	1.469	X	X	X	3
4	0.653	X	X	X	3
2	0.163	X	X	X	3

**Well Volumes Purged**

Initial	1	2	3	4
pH	7.10	6.96	6.85	6.81
Temp.	13.0	13.5	13.7	13.7
Spec. Cond.	643	495	473	458
Corr. Cond.				
Redox Pot.				
D.O.				
Turbidity				

**11-21-02 SAMPLING DATA**

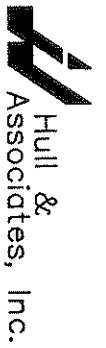
Date of Sampling: \_\_\_\_\_  
 Sampling Method: 1 3/4 bailer  
 Time of Sampling: 9:15  
 Static Water Level: N/A  
 (At Time of Sampling)

**Final/Additional Well Volumes**

1	2	3	4
pH			
Temp.			
Spec. Cond.			
Corr. Cond.			
Redox Pot.			
D.O.			
Turbidity			

**Notes**

Percent Gas: \_\_\_\_\_  
 Percent LEL: \_\_\_\_\_



Hull & Associates, Inc.

# CHAIN OF CUSTODY RECORD

NO. 07785

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) 459-9889

Solon  
 6161 Cochran Road  
 Suite A  
 Solon, Ohio 44139  
 Phone: (440) 519-2565  
 Fax: (440) 519-2560

REPORT TO: Kevin Wildeman

Client: City of South Bend  
 Site: Area C  
 Project#: SBI015 Phase:  
 Samplers: M. Young

**SAMPLE TYPES:**  
 A AIR  
 C ASBESTOS  
 D SEDIMENT  
 G GROUNDWATER  
 P PRODUCT  
 S SOLID  
 W WATER  
 Z OTHERS  
 All samples are kept at 4°C.

**PRESERVATIVES:**  
 A - Cool only, <4° C  
 B - HNO<sub>3</sub> pH<2  
 C - H<sub>2</sub>SO<sub>4</sub> pH<2  
 D - NaOH pH>12  
 E - Zincacetate + NaOH, pH>9  
 F - Na<sub>2</sub>SO<sub>4</sub> (0.008%)  
 G - HCl, pH <2

**METALS:**  
 F - FILTERED  
 U - UNFILTERED  
 B - BOTH

PROJECT NO.	SAMPLE LOCATION	SAMPLE TYPE	SAMPLER ID	NO. OF CONT.	NO. OF METALS	SAMPLING DATE/TIME	ANALYSES	COMMENTS
SBI015	Summit	G	112102	4	N	11-21-02 9:15	X	
SBI015	PTW6D	G	112102	4	N	11-21-02 10:55	X	
SBI015	PTW6D	G	112102 D	4	N	11-21-02 11:15	X	Duplicate
SBI015	PTW6S	G	112102	4	N	11-21-02 11:50	X	
SBI015	PTW7D	G	112102	4	N	11-21-02 12:15	X	
SBI015	PTW7S	G	112102	4	N	11-21-02 12:15	X	
SBI015	TBZ	W		2	N		X	
SBI015	FBZ	W	112102	4	N	11-21-02 12:00	X	
SBI015	PTW7S	G	112102 D	4	N	11-21-02 12:15	X	Duplicate

VOC B260  
Lead & Arsenic 10/10

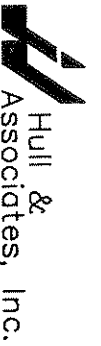
RELINQUISHED BY: M. Young DATE: 11-30-02 TIME: 11-21-02  
 RELINQUISHED BY: \_\_\_\_\_ DATE: \_\_\_\_\_ TIME: \_\_\_\_\_  
 RELINQUISHED BY: \_\_\_\_\_ DATE: \_\_\_\_\_ TIME: \_\_\_\_\_  
 COOLER TEMPERATURE AS RECEIVED °C: 2 °C

RECEIVED BY: Felix DATE: \_\_\_\_\_ TIME: \_\_\_\_\_  
 RECEIVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_ TIME: \_\_\_\_\_  
 RECEIVED FOR LAB BY: M. Young DATE: 11-29-02 TIME: 0-9-00

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

Deliver To: Test America  
 Method of Delivery: Fed EX  
 Airbill Number: 8348 5893 7205

NOTES: \_\_\_\_\_  
 TURN AROUND TIME: Std DAYS



Hull & Associates, Inc.

# CHAIN OF CUSTODY RECORD

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) 385-5989

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

Solon  
 6161 Cochran Road  
 Suite A  
 Solon, Ohio 44139  
 Phone: (440) 519-2555  
 Fax: (440) 519-2560

PRESERVATIVES	ANALYSES
GA	BA

Client: City of South Bend  
 Site: Area C  
 Project#: SBI015 Phase:  
 Samplers: M. Young

REPORT TO: Kevin Wildman

SAMPLE TYPES:  
 AIR  
 ASBESTOS  
 SEDIMENT  
 GROUNDWATER  
 PRODUCT  
 SOIL  
 WATER  
 OTHERS

PRESERVATIVES:  
 Cool only, <4° C  
 HNO<sub>3</sub>, pH<2  
 H<sub>2</sub>SO<sub>4</sub>, pH<2  
 NaOH, pH>12  
 Zincacetate + NaOH, pH>9  
 Na<sub>2</sub>S<sub>2</sub>O<sub>5</sub> (10.008%)  
 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 CONT.	NO. OF METALS	SAMPLING DATE/TIME	PRESERVATION	FILTERED	ANALYSES	COMMENTS
SBI015	PTWB8	G	505	4	N	11-20-02 9:35	X	X		
SBI015	PTWB5	G	505	4	N	11-20-02 9:50	X	X		
SBI015	PTWD	G	505	4	N	11-20-02 10:45	X	X		
SBI015	PTW15	G	505	4	N	11-20-02 10:58	X	X		
SBI015	PTWD	G	505	4	N	11-20-02 12:50	X	X		
SBI015	PTW25	G	505	4	N	11-20-02 13:00	X	X		
SBI015	PTW3D	G	505	4	N	11-20-02 13:38	X	X		
SBI015	PTW3S	G	505	4	N	11-20-02 14:00	X	X		
SBI015	PTWD	G	505	4	N	11-20-02 15:38	X	X		
SBI015	PTW4S	G	505	4	N	11-20-02 16:00	X	X		
SBI015	PTWSD	G	505	4	N	11-20-02 16:30	X	X		
SBI015	PTW5S	G	505	4	N	11-20-02 16:45	X	X		

VOC 8260  
 Lead & Arsenic 6010

RELINQUISHED BY: M. Young  
 DATE: 11-21-02  
 TIME: 13:30

RECEIVED BY: FedEx  
 DATE: 11-21-02  
 TIME: 16:00

RELINQUISHED BY: [Signature]  
 DATE: 11-21-02  
 TIME: 16:45

RECEIVED FOR LAB BY: [Signature]  
 DATE: 11-22-02  
 TIME: 09:00

Deliver To: Test America  
 Method of Delivery: FedEx  
 Airbill Number: 6348 5893 7113

COOLER TEMPERATURE AS RECEIVED °C: 2 °C

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

TURN AROUND TIME: Std. DAYS

# CHAIN OF CUSTODY RECORD

Dublin  Toledo  Mason  Solon

6161 Cochran Road  
Suite A  
Solon, Ohio 44139  
Phone: (440) 519-2555  
Fax: (440) 519-2560

REPORT TO: Kevin Wildman

Client: City of South Bend  
Site: Area C  
Project#: SBD15 Phase:  
Samplers: M. Young

SAMPLE TYPES  
A AIR  
C ASBESTOS  
D SEDIMENT  
G GROUNDWATER  
P PRODUCT  
S SOIL  
W WATER  
Z OTHERS  
All samples are kept at 4°C.

PRESERVATIVES  
A - Cool only, <4°C  
B - HNO<sub>3</sub>, pH<2  
C - H<sub>2</sub>SO<sub>4</sub>, pH<2  
D - HNO<sub>3</sub>, pH<2  
E - Zinc chloride + NaOH, pH>8  
F - HCl, pH<2

METALS  
F - FILTERED  
N - NOT FILTERED  
B - BOTH

PROJECT NO.	SAMPLE LOCATION	SAMPLE TYPE	SAMPLER ID	NO. OF CONT.	METALS	SAMPLING DATE/TIME	ANALYSES	COMMENTS
SBD15	TR1	W		2	NA	11-21-02		
SBD15	FBI	W112002	SOS	X4	N	11-21-02 17:00		

RELINQUISHED BY: M. Young  
DATE: 11-21-02  
TIME: -

RELINQUISHED BY: [Signature]  
DATE: -  
TIME: -

RELINQUISHED BY: [Signature]  
DATE: -  
TIME: -

COOLER TEMPERATURE AS RECEIVED: 8 °C

RECEIVED BY: [Signature]  
DATE: -  
TIME: -

RECEIVED BY: [Signature]  
DATE: -  
TIME: -

RECEIVED FOR LAB BY: [Signature]  
DATE: 11-29-02  
TIME: 2-00

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

Deliver To: Test America  
Method of Delivery: Fed BX  
Airbill Number: 8348 5893 7113

NOTES:  
VOC Arsenic 6010  
Lead Arsenic 6010

TURN AROUND TIME: 5th DAYS