SB1020

HULL & ASSOCIATES, INC. SOIL BORING FIELD LOG

LOCATION OF BORING:	PROJ No:	CLIENT:	LOCATION:
	PROJECT: Area C		BORING No: MW10
	DRILLING METHOD:		
	SAMPLING METHOD:		SHEET 1 OF 2
	PID/FID CALIBRATION, BACKGROUND:		
	WEATHER:		DRILLING
CONTRACTOR:	WATER LEVEL FROM:		START / FINISH
LOGGED BY: M. Tong	TIME:		TIME: / TIME:
CHECKED BY:	DATE:		DATE: 6-3-04 / DATE:
DATUM:	ELEVATION:	DEPTH:	NOTES (SURFACE CONDITION, LAB SOIL SAMPLE NUMBERS, SOIL DRUMS, ETC.):

SAMPLER TYPE	DRIVE/REC.	SMPL. No./DEPTH	BLOW COUNTS	PID/FID (ppm)	DEPTH IN FEET	SAMPLE	SOIL GRAPH	WELL	
			8		1				Dk Brown Clayey Sand Fill, trace gravel, cinders & slag
	24	SS1	4		2				
	12	1-3	3						
			4		3				
			3						Brown med. to fine Sand, tr. gravel & clay, moist
	24	SS2	2		4				
	18	3-4.5	4						
			3		5				
			4						
	24	SS3	4		6				-SAA, Not clay
	18	5-6.5	4						
			5		7				
			4						
	24	SS4	5		8				
	18	7-8.5	4						
			3		9				~~Dk Brown~~ -SAA, lt. brown in color
			4						
	24	SS5	6		10				-SAA
	19	9-10.5	5						
			7		11				
			4						
	24	SS6	5		12				-SAA, less gravel, loose
	18	11-12.5	6						
			5		13				
			6						
	24	SS7	7		14				-SAA, incr. gravel ~~trace~~.
	18	13-14.5	10						
			11		15				
			9						
	24	SS8	12		16				-SAA
	24	15-17	8						
			5		17				
			6						
	24	SS9	11		18				-SAA, wet
	18	17-18.5	10						
			12		19				
			8						
	24	SS10	10		20				-SAA, some gravel
	18	19-20.5	11						

HULL & ASSOCIATES, INC. SOIL BORING FIELD LOG

LOCATION OF BORING:	PROJ No:	CLIENT:	LOCATION:
	PROJECT: Area C		BORING No: MW10
	DRILLING METHOD:		
	SAMPLING METHOD:		SHEET 2 OF 2
	PID/FID CALIBRATION, BACKGROUND:		
	WEATHER:		DRILLING
CONTRACTOR:	WATER LEVEL FROM:		START / FINISH
LOGGED BY: DATE:	TIME:		TIME: / TIME:
CHECKED BY: DATE:	DATE:		DATE: 6-3-04 / DATE:
DATUM: ELEVATION:	DEPTH:		

SAMPLER TYPE	DRV./REC.	SMPL. No./DEPTH	BLOW COUNTS	PID/FID (ppm)	DEPTH IN FEET	SAMPLE	SOIL GRAPH	WELL	NOTES (SURFACE CONDITION, LAB SOIL SAMPLE NUMBERS, SOIL DRUMS, ETC.)
			12 14		21				
	24 12	SS11 21-22	5 8		22				- SAA med to fine sand, tr. gravel
			15 15		23				
	24 12	SS12 23-24	17 8		24				- SAA med to coarse sand, some gravel
			8 10		25				
	24 12	SS13 25-26	5 4		26				- SAA
			10 9		27				
	24 12	SS14 27-28	9 10		28				- SAA
			13 14		29				
									EOB @ 29
									Screen 29-19 Riser 19-+1.5 Sand 29-17 Chips 17-0.5 stickup

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

NO. 4076

Hull & associates, inc.

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Fax: (614)793-9070

☐ Indianapolis, IN
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☐ Solon, OH
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Phone: (440)519-2555
Fax: (440)519-2560

☐ Toledo, OH
3401 Glendale Ave.
Suite 300
Toledo, OH 43614
Phone: (419)385-2018
Fax: (419)385-5487

REPORT TO: Lance Turley

Client: City of South Bend

Site: Area C

Project #: SP1020 Phase:

Samplers: M. Young

SAMPLE TYPES	PRESERVATIVES	METALS
A - AIR	A - Cool only, <4 deg. C	F - FILTERED
C - ASBESTOS	B - HNO_3 pH<2	N - NOT FILTERED
D- SEDIMENT	C - H_2SO_4 pH<2	B - BOTH
G- GROUNDWATER	D - NaOH pH>12	
P- PRODUCT	E - ZnAcetate + NaOH, pH>9	
S- SOIL	F - N_2 § O (0.008%)	
W- WATER	G - HCL pH <2	
Z- OTHERS		

All samples are kept at 4 degrees Celsius.

ANALYSES

PRESERVATIVES

PROJECT NO.	SAMPLE LOCATION	SAMPLE TYPE & ID	NO. OF CONT.	METALS	COLLECTION DATE/TIME	10 C 8260	COMMENTS
SP1020	DPW65	6038104:105	3	NA	3-31-04 9:50	X	
:	:				/		
:	:				/		
:	:				/		
:	:				/		
:	:				/		
:	:				/		
:	:				/		
:	:				/		
:	:				/		
:	:				/		
:	:				/		

RELINQUISHED BY: M. Young	DATE: 4-5-04	RECEIVED BY: Fed Ex	DATE:
	TIME: 1100		TIME:
RELINQUISHED BY:	DATE:	RECEIVED BY:	DATE:
	TIME:		TIME:
RELINQUISHED BY:	DATE:	RECEIVED FOR LAB BY:	DATE:
	TIME:		TIME:

COOLER TEMPERATURE AS RECEIVED: °C

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

Deliver To: Test America

Method of Delivery: UPS

Airbill Number:

NOTES:

TURN AROUND TIME: 5-10 DAYS

Hull & associates, inc.

CHAIN OF CUSTODY RECORD

PAGE 1 OF 3

NO. 4080

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3401 Glendale Ave.
Suite 300
Toledo, OH 43614
Phone: (419)385-2018
Fax: (419)385-5487

REPORT TO: Lance Turley

Client: City of South Bend, IN.
Site: Area C
Project #: SBI070 Phase:
Samplers: M. Young

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

PRESERVATIVES
A - Cool only, <4 deg. C
B - HNO_3 pH<2
C - H_2SO_4 pH<2
D - NaOH pH>12
E - ZnAcetate + NaOH, pH>8
F - $Na_2S_2O_3$ (0.008%)
G - HCL pH <2

METALS
F - FILTERED
N - NOT FILTERED
B - BOTH

All samples are kept at 4 degrees Celsius.

ANALYSES

PRESERVATIVES: A,C

PROJECT NO.	SAMPLE LOCATION	SAMPLE TYPE & ID	NO. OF CONT.	METALS	COLLECTION DATE/TIME	VOC 8260										COMMENTS
SBI070	TB2	GW033104:505	2	NA	3-31-04 / —	X										
SBI070	DP17D	G033104:505	3	NA	3-31-04 / 8:05	X										
SBI070	DP17S	G033104:505	3	NA	3-31-04 / 8:30	X										
SBI070	FR2	W033104:505	3	NA	3-31-04 / 9:30	X										
SBI070	DP16D	G033104:505	3	NA	3-31-04 / 9:20	X										
SBI070	DP16S	G033104:505	3	NA	3-31-04 / 9:50	X										
SBI070	DP18D	G033104:505	3	NA	3-31-04 / 10:35	X										
SBI070	DP18S	G033104:505	3	NA	3-31-04 / 11:00	X										
SBI070	DP15D	G033104:505	3	NA	3-31-04 / 11:40	X										
SBI070	DP15D	G033104D:505	3	NA	3-31-04 / 11:40	X										
SBI070	DP15S	G033104:505	3	NA	3-31-04 / 12:10	X										
SBI070	DP7D	G033104:505	3	NA	3-31-04 / 13:40	X										

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME
Matt Young	DATE: 4-1-04 TIME: 1200	Fed Ex	DATE: TIME:
RELINQUISHED BY:	DATE: TIME:	RECEIVED BY:	DATE: TIME:
RELINQUISHED BY:	DATE: TIME:	RECEIVED FOR LAB BY:	DATE: TIME:

COOLER TEMPERATURE AS RECEIVED: °C

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

Deliver To: Test America
Method of Delivery: FedEx
Airbill Number: 843108052186
NOTES: U.S. EPA Level IV Report, w/
TURN AROUND TIME: Std DAYS

Hull & associates, inc.

CHAIN OF CUSTODY RECORD

PAGE 3 OF 3 (2)

NO. 4081

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Toledo, OH 43614
Phone: (419)385-2018
Fax: (419)385-5487

REPORT TO: Lance Turley

Client: City of South Bend

Site: Area C

Project #: SB1020 Phase:

Samplers: M. Young

SAMPLE TYPES	PRESERVATIVES	METALS
A - AIR	A - Cool only, <4 deg. C	F - FILTERED
C - ASBESTOS	B - HNO_3 pH<2	N - NOT FILTERED
D- SEDIMENT	C - H_2SO_4 pH<2	B - BOTH
G- GROUNDWATER	D - NaOH pH>12	
P- PRODUCT	E - ZnAcetate + NaOH, pH>9	
S- SOIL	F - $Na_2S_2O_3$ (0.008%)	
W- WATER	G - HCL pH <2	
Z- OTHERS		

All samples are kept at 4 degrees Celsius.

ANALYSES

PRESERVATIVES

PROJECT NO.	SAMPLE LOCATION	SAMPLE TYPE & ID	NO. OF CONT.	METALS	COLLECTION DATE/TIME	VOC 8260	COMMENTS
SB1020	DP10D	G033104:505	3	NA	3-31-04 1135	X	
SB1020	DP10S	G033104:505	3	NA	3-31-04 1400	X	
SB1020	DP11D	G033104:505	3	NA	3-31-04 1425	X	
SB1020	DP9S	G033104:505	3	NA	3-31-04 1550	X	
SB1020	DP12D	G033104:505	3	NA	3-31-04 1615	X	
SB1020	DP12S	G033104:505	3	NA	3-31-04 1635	X	
SB1020	FB3	W033104:505	3	NA	3-31-04 1630	X	
SB1020	DP11D	G033104:505	3	NA	3-31-04 1710	X	
SB1020	DP11S	G033104:505	3	NA	3-31-04 1710	X	
SB1020	[illegible]	[illegible]	3	NA	4-01-04 805	X	
SB1020	DP6D	G040104:505	3	NA	4-01-04 830	X	
SB1020	DP6S	G040104:505	3	NA	4-01-04 830	X	

RELINQUISHED BY: Matt Young	DATE: 4-1-04	RECEIVED BY: Fed Ex	DATE: 4-1-04
	TIME: 1200		TIME:
RELINQUISHED BY:	DATE:	RECEIVED BY:	DATE:
	TIME:		TIME:
RELINQUISHED BY:	DATE:	RECEIVED FOR LAB BY:	DATE:
	TIME:		TIME:

COOLER TEMPERATURE AS RECEIVED: °C

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

Deliver To: TOST America

Method of Delivery: Fed Ex

Airbill Number: 8031 0804 2986

NOTES: U.S. EPA Level IV Reporting

TURN AROUND TIME: 10 DAYS

Hull & associates, inc.

CHAIN OF CUSTODY RECORD

PAGE 3 OF 3

NO. 4075

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☐ Toledo, OH — 3401 Glendale Ave., Suite 300, Toledo, OH 43614, Phone: (419)385-2018, Fax: (419)385-5487

REPORT TO: Lance Turley

Client: City of South Bend
Site: Ideal
Project #: SRB020 Phase:
Samplers: M. Yount

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

PRESERVATIVES: A - Cool only, <4 deg. C; B - HNO_3 pH<2; C - H_2SO_4 pH<2; D - NaOH pH>12; E - ZnAcetate + NaOH, pH>9; F - $Na_2S_2O_3$ (0.008%); G - HCL pH <2

METALS: F - FILTERED; N - NOT FILTERED; B - BOTH

All samples are kept at 4 degrees Celsius.

ANALYSES — PRESERVATIVES: all; VOC 8260

PROJECT NO.	SAMPLE LOCATION	SAMPLE TYPE & ID	NO. OF CONT.	METALS	COLLECTION DATE/TIME	VOC 8260										COMMENTS
SRB020	FB4	W040104:505	3	NA	4-1-04 / 8:40	✓										
SRB020	DPHD	G040104:505	3	NA	4-1-04 / 9:05	X										
SRB020	DPHS	G040104:505	3	NA	4-1-04 / 9:35	X										
SRB020	DR3D	G040104:505	3	NA	4-1-04 / 10:15	X										
SRB020	DP13S	G040104:505	3	NA	4-1-04 / 10:40	X										
SRB020	DP1D	G040104:505	3	NA	4-1-04 / 11:05	✓										
SRB020	DP1S	G040104:505	3	NA	4-1-04 / 11:35	X										
	:	:			/											
	:	:			/											
	:	:			/											
	:	:			/											
	:	:			/											

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	DATE/TIME
Matt Yount	DATE: 4-1-04 TIME: 1200	Fed Ex	DATE: TIME:
RELINQUISHED BY:	DATE: TIME:	RECEIVED BY:	DATE: TIME:
RELINQUISHED BY:	DATE: TIME:	RECEIVED FOR LAB BY:	DATE: TIME:

COOLER TEMPERATURE AS RECEIVED: °C

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

Deliver To: Test America
Method of Delivery: Fed Ex
Airbill Number: 8451 0805 2140
NOTES: U.S. EPA Level IV Reporting

TURN AROUND TIME: STD DAYS

Hull & associates, inc.

CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

NO. 4077

☐ Dublin, OH — 6397 Emerald Parkway, Suite 200, Dublin, OH 43016, Phone: (614)793-8777, Fax: (614)793-9070

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☐ Toledo, OH — 3401 Glendale Ave., Suite 300, Toledo, OH 43614, Phone: (419)385-2018, Fax: (419)385-5487

REPORT TO: Lance Turley

Client: City of South Bend, IN

Site: Area C

Project #: SBT020 Phase:

Samplers: M. Young

SAMPLE TYPES	PRESERVATIVES	METALS
A - AIR	A - Cool only, <4 deg. C	F - FILTERED
C - ASBESTOS	B - HNO_3 pH<2	N - NOT FILTERED
D - SEDIMENT	C - H_2SO_4 pH<2	B - BOTH
G - GROUNDWATER	D - NaOH pH>12	
P - PRODUCT	E - ZnAcetate + NaOH, pH>9	
S - SOIL	F - $Na_2S_2O_3$ (0.008%)	
W - WATER	G - HCL pH <2	
Z - OTHERS		

All samples are kept at 4 degrees Celsius.

PROJECT NO.	SAMPLE LOCATION	SAMPLE TYPE & ID	NO. OF CONT.	METALS	COLLECTION DATE/TIME	PRESERVATIVES: A	ANALYSES: VOC 8260	COMMENTS
SBT020	DP3D	GW033004:SOS	3	NA	3-30-04 9:52	X		
SBT020	DP3S	GW033004:SOS	3	NA	3-30-04 10:25	X		
SBT020	DP2D	GW033004:SOS	3	NA	3-30-04 11:15	X		
SBT020	DP2D	GW033004D:SOS	3	NA	3-30-04 11:15	X		
SBT020	DP2S	GW033004:SOS	3	NA	3-30-04 11:45	X		
SBT020	DP4D	GW033004:SOS	3	NA	3-30-04 13:30	X		
SBT020	DP4S	GW033004:SOS	3	NA	3-30-04 14:00	X		
SBT020	DP1D	GW033004:SOS	3	NA	3-30-04 14:40	X		
SBT020	DP1S	GW033004:SOS	3	NA	3-30-04 15:10	X		
~~SBT020~~	~~DP5D~~	~~GW033004:SOS~~	3	NA	~~3-30-04~~	X		Broken
SBT020	DP5S	GW033004:SOS	3	NA	3-30-04 16:10	X		
SBT020	TB1	WQ033004:SOS	2	NA	3-30-04 —	X		

RELINQUISHED BY:	DATE: 5-30-04 TIME: 1800	RECEIVED BY: FedEx	DATE: TIME:
RELINQUISHED BY:	DATE: TIME:	RECEIVED BY:	DATE: TIME:
RELINQUISHED BY:	DATE: TIME:	RECEIVED FOR LAB BY:	DATE: TIME:

COOLER TEMPERATURE AS RECEIVED: °C

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

Deliver To: Test America

Method of Delivery: FedEx

Airbill Number: 8431 2805 2260

NOTES: US EPA Level IV Reporting

TURN AROUND TIME: STD DAYS

CHAIN OF CUSTODY RECORD

NO. 3764

Hull & associates, inc.

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REPORT TO: Lance Turley

Client: City of South Bend, IN

Site: Area C

Project #: SB1020 Phase:

Samplers: M. Young

SAMPLE TYPES	PRESERVATIVES	METALS
A - AIR	A - Cool only, <4 deg. C	F - FILTERED
C - ASBESTOS	B - HNO_3 pH<2	N - NOT FILTERED
D- SEDIMENT	C - H_2SO_4 pH<2	B - BOTH
G- GROUNDWATER	D - NaOH pH>12	
P- PRODUCT	E - ZnAcetate + NaOH, pH>9	
S- SOIL	F - $Na_2S_2O_3$ (0.008%)	
W- WATER	G - HCL pH <2	
Z- OTHERS		

All samples are kept at 4 degrees Celsius.

ANALYSES

PRESERVATIVES: A

PROJECT NO.	SAMPLE LOCATION	SAMPLE TYPE & ID	NO. OF CONT.	METALS	COLLECTION DATE/TIME	VOC BTEX	COMMENTS
SB1020	: FB1	: IN033004, 505	3	NA	3-30-04 15:15	X	
SB1020	: DTMS	: [illegible]	3	NA	3-30-04 1610	X	
SB1020	: DDUP	: [illegible]	3	NA	3-30-04 1615	X	
SB1020	: DTRS	: [illegible]	3	NA	3-30-04 1715	X	
	:	:					
	:	:					
	:	:					
	:	:					
	:	:					
	:	:					
	:	:					
	:	:					

RELINQUISHED BY: M. Young	DATE: 3-30-04	RECEIVED BY: FedEx	DATE:
	TIME: 1800		TIME:
RELINQUISHED BY:	DATE:	RECEIVED BY:	DATE:
	TIME:		TIME:
RELINQUISHED BY:	DATE:	RECEIVED FOR LAB BY:	DATE:
	TIME:		TIME:

COOLER TEMPERATURE AS RECEIVED: °C

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

Deliver To: Test America

Method of Delivery: FedEx

Airbill Number: 8431 0805 2701

NOTES: WSEPH Level IV
Rush Turnaround

TURN AROUND TIME: Std DAYS

Hull & Associates, Inc.

GROUNDWATER SAMPLING FIELD DATA SHEET

Client City of S. Bend

Well I.D. DP155

Site Location Area C

Site No. _____

Project No. & Phase SB1020

Weather Conditions & Approx. Air Temperature Partly Cloudy 45°

Type of Well Construction Direct Push

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

Cap Locked (Yes / No) _____

Lock No. _____

Depth to Water 24 feet

Total Depth of Well 45 feet

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

LNAPL Thickness _____ feet

Sample Date 3-31-04

Sample No. SB1020:DP155:G033104:1505

Purging Method Watera

12:10

WELL PURGING			PARAMETERS					
TIME	APPROX. VOLUME PURGED(GALLONS)/ WELL VOLUME	NO. OF WELL VOLUMES	TEMP. °C	pH (S.U.) at 25°C	COND. Units mS at 25°C	Turb Units ____	Units ____	Units ____
11:50	NA	Static Conditions	13.4	7.46	796	very		
11:52	.25	1	13.3	7.19	796	very		
11:54	.50	2	13.3	7.16	795	less		
11:56	.75	3	13.2	7.17	798	same		
11:58	1.0	4	13.2	7.15	796	same		
12:00	1.25	5	13.3	7.16	795	same		

One Well Volume Equals .25 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

FORMD.057

Hull & Associates, Inc.

GROUNDWATER SAMPLING FIELD DATA SHEET

Client: City of S. Bend
Well I.D.: PP15D
Site Location: Area C
Site No.:
Project No. & Phase:
Weather Conditions & Approx. Air Temperature: Partly Cloudy 45°
Type of Well Construction: Direct Push
Condition of Well (Good / Poor): if poor, specify:
Cap Locked (Yes / No):
Lock No.:
Depth to Water: 24 feet
Total Depth of Well: feet
LNAPL (Yes / No), Depth to LNAPL: feet
LNAPL Thickness: feet
Sample Date: 3-31-04
Sample No.: SBL020:PP15D:G033104:S05
Purging Method: Watera
11:40

WELL PURGING			PARAMETERS					
TIME	APPROX. VOLUME PURGED(GALLONS)/ WELL VOLUME	NO. OF WELL VOLUMES	TEMP. °C	pH (S.U.) at 25°C	COND. Units ms/cm at 25°C	Turb. Units	Units	Units
11:20	NA	Static Conditions	14.3	7.82	796	Very		
11:22	1	1	13.3	7.59	815	Very		
11:24	2	2	13.0	7.54	817	less		
11:26	3	3	13.0	7.50	817	same		
11:28	4	4	12.8	7.51	815	same		
11:30	5	5	12.9	7.49	816	Same		

One Well Volume Equals: .86 Gallons

Comments: N 41° 40.217
W086° 15.796
@ End of Laurel St.

Drum Inventory: Soil Purge Water LNAPL

FORMD.057

Hull & Associates, Inc.

GROUNDWATER SAMPLING FIELD DATA SHEET

Client: City of S. Bend
Well I.D.: DP1D
Site Location: Area C
Site No.:
Project No. & Phase: SB1020
Weather Conditions & Approx. Air Temperature: Sunny 45°
Type of Well Construction: Direct Push
Condition of Well (Good / Poor); if poor, specify:
Cap Locked (Yes / No):
Lock No.:
Depth to Water: 24 feet
Total Depth of Well: 45 feet
LNAPL (Yes / No), Depth to LNAPL: feet
LNAPL Thickness: feet
Sample Date: 4-1-04
Sample No.: SB1020:DP1D:G040104:1105
Purging Method: Waterra

WELL PURGING			PARAMETERS					
TIME	APPROX. VOLUME PURGED(GALLONS)/ WELL VOLUME	NO. OF WELL VOLUMES	TEMP. °C	pH (S.U.) at 25°C	COND. Units µS at 25°C	Turb Units	Units	Units
10:45	NA	Static Conditions	14.1	7.07	679	Very		
10:47	1	1	13.7	7.04	686	very		
10:49	2	2	13.7	7.03	684	less		
10:51	3	3	13.6	7.04	683	same		
10:53	4	4	13.7	7.03	685	same		
10:55	5	5	13.6	7.02	686	same		

One Well Volume Equals: .86 Gallons

Comments:
N41° 40.048
W086° 15.940

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

FORM D.057

Hull & Associates, Inc.

GROUNDWATER SAMPLING FIELD DATA SHEET

Client: City of S. Bend
Well I.D.: DP15
Site Location: Area C
Site No.:
Project No. & Phase: SB1020
Weather Conditions & Approx. Air Temperature: sunny 45°
Type of Well Construction: Direct push
Condition of Well (Good / Poor); if poor, specify:
Cap Locked (Yes / No):
Lock No.:
Depth to Water: 24 feet
Total Depth of Well: ~~40~~ 30 feet
LNAPL (Yes / No), Depth to LNAPL: feet
LNAPL Thickness: feet
Sample Date: 4-1-04
Sample No.: SB1020:DP15:G040104:SB5
Purging Method: waterra
11:35

WELL PURGING			PARAMETERS					
TIME	APPROX. VOLUME PURGED(GALLONS)/ WELL VOLUME	NO. OF WELL VOLUMES	TEMP. °C	pH (S.U.) at 25°C	COND. Units uS at 25°C	Turb Units	Units	Units
11:15	NA	Static Conditions	14.3	7.04	676	Very		
11:17	.25	1	14.2	7.04	738	Very		
11:19	.5	2	14.1	7.02	742	Very		
1121	.75	3	14.2	7.03	740	less		
1123	1.0	4	14.2	7.04	737	same		
1125	1.25	5	14.1	7.03	439	Same		

One Well Volume Equals .25 Gallons

Comments

Drum Inventory: Soil Purge Water LNAPL

FORM.D.057

Hull & Associates, Inc.

GROUNDWATER SAMPLING FIELD DATA SHEET

Client: City of South Bend
Well I.D.: DP25
Site Location: Area C
Site No.: 1
Project No. & Phase: SBI020
Weather Conditions & Approx. Air Temperature: Cloudy 50°
Type of Well Construction: Direct Push
Condition of Well (Good / Poor); if poor, specify:
Cap Locked (Yes / No):
Lock No.:
Depth to Water: 26 feet
Total Depth of Well: 30 feet
LNAPL (Yes / No), Depth to LNAPL: feet
LNAPL Thickness: feet
Sample Date: 3-30-04
Sample No.: SBI020DP25: 4033009:505
Purging Method: Watera
11:45

WELL PURGING			PARAMETERS					
TIME	APPROX. VOLUME PURGED(GALLONS)/ WELL VOLUME	NO. OF WELL VOLUMES	TEMP. °C	pH (S.U.) at 25°C	COND. Units us at 25°C	Turbidity Units	Units	Units
11:20	NA	Static Conditions	13.3	7.39	911	very		
11:22	.25	1	13.1	7.43	915	very		
11:24	.5	2	12.9	7.40	915	very		
11:26	.75	3	12.8	7.35	914	less		
11:28	1.0	4	12.8	7.34	913	same		
11:30	1.25	5	12.7	7.34	912	same		

One Well Volume Equals .17 Gallons

Comments:

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

FORMD.057

Hull & Associates, Inc.

GROUNDWATER SAMPLING FIELD DATA SHEET

Client: City of South Bend | Well I.D.: DPZD

Site Location: Area C | Site No.: | Project No. & Phase: 03I020

Weather Conditions & Approx. Air Temperature: Cloudy 45°

Type of Well Construction: Direct Push

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

Cap Locked (Yes / No): | Lock No.:

Depth to Water: 26 feet | Total Depth of Well: 45' feet

LNAPL (Yes / No), Depth to LNAPL: NA feet

LNAPL Thickness: feet

Sample Date: 3-30-04 | Sample No.: 03I020:DPZD:
G0330094505
11:15

Purging Method: Watera

WELL PURGING			PARAMETERS					
TIME	APPROX. VOLUME PURGED(GALLONS)/ WELL VOLUME	NO. OF WELL VOLUMES	TEMP. °C	pH (S.U.) at 25°C	COND. Units uS at 25°C	Turbidity Units ~~→~~	Units	Units
10:45	NA	Static Conditions	13.9	7.99	845	very		
10:47	.75	1	13.5	7.66	~~905~~ 922	very		
10:49	1.50	2	13.0	7.53	915	less		
10:51	2.25	3	13.1	7.37	908	same		
10:53	3.00	4	13.1	7.35	903	same		
10:55	3.75	5	13.1	7.36	905	same		

One Well Volume Equals .78 Gallons

Comments:

N 41° 40.047
W 86° 15.939

Drum Inventory: Soil | Purge Water | LNAPL

FORM.D.057

Hull & Associates, Inc.

GROUNDWATER SAMPLING FIELD DATA SHEET

Client: City of South Bend
Well I.D.: DP3S
Site Location: Area C
Site No.:
Project No. & Phase:
Weather Conditions & Approx. Air Temperature: partly cloudy 45°
Type of Well Construction: Direct push
Condition of Well (Good / Poor); if poor, specify:
Cap Locked (Yes / No):
Lock No.:
Depth to Water: 24 feet
Total Depth of Well: 30 feet
LNAPL (Yes / No), Depth to LNAPL: feet
LNAPL Thickness: feet
Sample Date: 3-30-04
Sample No.: SB1020; DP3S; 40330O4; 1025 3-30-04
Purging Method: Watera

WELL PURGING			PARAMETERS					
TIME	APPROX. VOLUME PURGED(GALLONS)/ WELL VOLUME	NO. OF WELL VOLUMES	TEMP. °C	pH (S.U.) at 25°C	COND. Units µS at 25°C	Turbidity Units	Units	Units
10:00	NA	Static Conditions	14.5	7.68	738	Very		
10:02	.25	1	14.2	7.69	778	Very		
10:04	.5	2	13.8	7.57	796	Very		
10:06	.75	3	13.7	7.53	791	Very		
10:08	1	4	13.6	7.51	801	less		
10:10	1.25	5	13.7	7.51	797	same		

One Well Volume Equals: .25 Gallons

Comments: Same as DP3D

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

FORM.D.057

54

7 soil
1 water

Hull & Associates, Inc.

GROUNDWATER SAMPLING
FIELD DATA SHEET

Well I.D. DP3D

Client City of South Bend Site Location Area C

Site No. _____ Project No. & Phase SBI020

Weather Conditions & Approx. Air Temperature partly cloudy 45°

Type of Well Construction Direct push

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

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

Depth to Water 24 feet Total Depth of Well 45 feet

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

LNAPL Thickness _____ feet

Sample Date 3-30-04 Sample No. SBI020:DP3D:G0330041505
3-30-04 9:57

Purging Method Watera

WELL PURGING			PARAMETERS					
TIME	APPROX. VOLUME PURGED(GALLONS)/ WELL VOLUME	NO. OF WELL VOLUMES	TEMP. °C	pH (S.U.) at 25°C	COND. Units mS at 25°C	Turbidity Units ____	Units ____	Units ____
9:15	NA	Static Conditions	10.6	7.8	811	very		
9:30	1	1	17.3	7.49	668	very		
9:35	2	2	17.6	7.46	668	very		
9:38	3	3	17.6	7.45	665	very		
9:40	4	4	17.5	7.47	722	less		
9:42	5	5	17.4	7.47	726	less		

One Well Volume Equals .86 Gallons

Comments

N 41° 40 .052
W 86° 15 .993

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

FORM D.057

.041

Hull & Associates, Inc.

GROUNDWATER SAMPLING FIELD DATA SHEET

Client: City of South Bend
Well I.D.: DP45
Site Location: Area C
Site No.:
Project No. & Phase: SBI020
Weather Conditions & Approx. Air Temperature: Partly cloudy 50°
Type of Well Construction: Direct Push
Condition of Well (Good / Poor); if poor, specify:
Cap Locked (Yes / No):
Lock No.:
Depth to Water: 22 feet
Total Depth of Well: 30 feet
LNAPL (Yes / No), Depth to LNAPL: feet
LNAPL Thickness: feet
Sample Date: 3-30-04
Sample No.: SBI020:DP45:GW033004:1400
Purging Method: Water

WELL PURGING			PARAMETERS					
TIME	APPROX. VOLUME PURGED(GALLONS)/ WELL VOLUME	NO. OF WELL VOLUMES	TEMP. °C	pH (S.U.) at 25°C	COND. Units in at 25°C	Turbidity Units	Units	Units
1340	NA	Static Conditions	13.3	7.47	926	very		
1342	.33	1	13.2	7.53	928	very		
1344	1.66	2	13.0	7.48	921	very		
1346	1	3	13.0	7.46	914	very		
1348	1.33	4	13.0	7.47	920	very		
1350	1.66	5	13.1	7.46	918	very		

One Well Volume Equals .32 Gallons

Comments:

Drum Inventory: Soil Purge Water LNAPL

FORM.D.057

Hull & Associates, Inc.

GROUNDWATER SAMPLING FIELD DATA SHEET

Client: City of South Bend
Well I.D.: DP4D
Site Location: Area C
Site No.:
Project No. & Phase: SB1020
Weather Conditions & Approx. Air Temperature: Cloudy 50°
Type of Well Construction: Direct Push
Condition of Well (Good / Poor); if poor, specify:
Cap Locked (Yes / No):
Lock No.:
Depth to Water: 23 feet
Total Depth of Well: 45 feet
LNAPL (Yes / No), Depth to LNAPL: feet
LNAPL Thickness: feet
Sample Date: 3-30-04
Sample No.: SB1020:DP4D:G033004:SOS
Purging Method: Waterra
13:30

WELL PURGING			PARAMETERS					
TIME	APPROX. VOLUME PURGED(GALLONS)/ WELL VOLUME	NO. OF WELL VOLUMES	TEMP. °C	pH (S.U.) at 25°C	COND. Units us at 25°C	Turbidity Units	Units	Units
13:10	NA	Static Conditions	15.1	7.83	929	very		
13:12	1	1	13.8	7.54	939	less		
13:14	2	2	13.2	7.41	924	same		
13:16	3	3	13.2	7.38	923	same		
13:18	4	4	13.2	7.37	925	same		
13:20	5	5	13.2	7.39	924	same		

One Well Volume Equals: .9 Gallons

Comments: N 41° 40.096
W 86° 15.906

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

FORM.D.057

Hull & Associates, Inc.

GROUNDWATER SAMPLING FIELD DATA SHEET

Client: City of South Bend
Well I.D.: DP55
Site Location: Area C
Site No.:
Project No. & Phase: SB2020
Weather Conditions & Approx. Air Temperature: cloudy 45°
Type of Well Construction: Direct Push
Condition of Well (Good / Poor); if poor, specify:
Cap Locked (Yes / No):
Lock No.:
Depth to Water: 25 feet
Total Depth of Well: 30 feet
LNAPL (Yes / No), Depth to LNAPL: feet
LNAPL Thickness: feet
Sample Date: 3-30-04
Sample No.: SB2020:G033004:505
Purging Method: Waterra
1510

WELL PURGING			PARAMETERS					
TIME	APPROX. VOLUME PURGED(GALLONS)/ WELL VOLUME	NO. OF WELL VOLUMES	TEMP. °C	pH (S.U.) at 25°C	COND. Units us at 25°C	Tur. Units	Units	Units
1450	NA	Static Conditions	12.5	7.55	795	sl. tur.		
1452	.25	1	12.5	7.51	853	sl.		
1454	.5	2	12.5	7.54	851	sl.		
1456	.75	3	12.5	7.52	847	sl.		
1458	1	4	12.4	7.53	850	sl		
1500	1.25	5	12.5	7.51	553	sl.		

One Well Volume Equals: 1.2 Gallons

Comments: sheen/product on water

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

FORM.D.057

Hull & Associates, Inc.

GROUNDWATER SAMPLING FIELD DATA SHEET

Client: City of South Bend
Well I.D.: DP5D
Site Location: Area C
Site No.:
Project No. & Phase: SB1020
Weather Conditions & Approx. Air Temperature: cloudy 50° lt. Rain
Type of Well Construction: Direct Push
Condition of Well (Good / Poor); if poor, specify:
Cap Locked (Yes / No):
Lock No.:
Depth to Water: 25 feet
Total Depth of Well: 45 feet
LNAPL (Yes / No), Depth to LNAPL: feet
LNAPL Thickness: feet
Sample Date: 3-30-04
Sample No.: SB1020:DP5D:040330041505
Purging Method: Waterra
14:40

WELL PURGING			PARAMETERS					
TIME	APPROX. VOLUME PURGED(GALLONS)/ WELL VOLUME	NO. OF WELL VOLUMES	TEMP. °C	pH (S.U.) at 25°C	COND. Units uS at 25°C	Turb. Units	Units	Units
1415	NA	Static Conditions	13.3	7.91	809	very		
1417	1	1	13.5	7.76	799	less		
1419	2	2	13.4	7.54	799	same		
1421	3	3	13.3	7.51	804	same		
1423	4	4	13.3	7.53	801	same		
1425	5	5	13.3	7.50	799	same		

One Well Volume Equals: .82 Gallons

Comments: N 41° 40 .107
W 86° 15' .984

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

FORMD.057

Hull & Associates, Inc.

GROUNDWATER SAMPLING FIELD DATA SHEET

Client: City of S. Bend
Well I.D.: DP65
Site Location: Area C
Site No.:
Project No. & Phase: 5B1020
Weather Conditions & Approx. Air Temperature: Sunny 35°
Type of Well Construction: Direct Push
Condition of Well (Good / Poor); if poor, specify:
Cap Locked (Yes / No):
Lock No.:
Depth to Water: 24 feet
Total Depth of Well: ~~24~~ 30 feet
LNAPL (Yes / No), Depth to LNAPL: feet
LNAPL Thickness: feet
Sample Date: 4-1-04
Sample No.: 5B1020:DP65:G040104:505
8:30
Purging Method:

WELL PURGING			PARAMETERS					
TIME	APPROX. VOLUME PURGED(GALLONS)/ WELL VOLUME	NO. OF WELL VOLUMES	TEMP. °C	pH (S.U.) at 25°C	COND. Units µS at 25°C	Turb Units	Units	Units
8:10	NA	Static Conditions	28.3	7.50	560	Very		
812	.25	1	28.5	7.45	564	very		
814	.5	2	28.6	7.54	564	very		
816	.75	3	28.6	7.48	562	less		
818	1	4	28.5	7.52	563	same		
820	1.25	5	28.6	7.49	560	same		

One Well Volume Equals: .25 Gallons

Comments:

Drum Inventory: Soil: Purge Water: LNAPL:

FORM.D.057

Hull & Associates, Inc.

GROUNDWATER SAMPLING FIELD DATA SHEET

Client: City of South Bend
Well I.D.: DP6D
Site Location: Area C
Site No.:
Project No. & Phase: SBI020
Weather Conditions & Approx. Air Temperature: Sunny 35°
Type of Well Construction: Direct Push
Condition of Well (Good / Poor); if poor, specify:
Cap Locked (Yes / No):
Lock No.:
Depth to Water: 24 feet
Total Depth of Well: 45 feet
LNAPL (Yes / No), Depth to LNAPL: feet
LNAPL Thickness: feet
Sample Date: 6-1-04
Sample No.: SBI020:DP6D:G040104:505 805
Purging Method: Watera

WELL PURGING			PARAMETERS					
TIME	APPROX. VOLUME PURGED(GALLONS)/ WELL VOLUME	NO. OF WELL VOLUMES	TEMP. °C	pH (S.U.) at 25°C	COND. Units mS at 25°C	Turb Units	Units	Units
7:45	NA	Static Conditions	28.9	7.83	569	Very		
747	1	1	28.8	7.78	553	less		
749	2	2	28.0	7.61	558	same		
751	3	3	27.7	7.56	562	same		
753	4	4	27.8	7.53	565	same		
755	5	5	27.6	7.55	560	same		

One Well Volume Equals: .84 Gallons

Comments: N41° 40.120
W86° 15.901

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

FORM.D.057

Hull & Associates, Inc.

GROUNDWATER SAMPLING FIELD DATA SHEET

Client: City of South Bend
Well I.D.: DP7S
Site Location: Area C
Site No.:
Project No. & Phase: SB1020
Weather Conditions & Approx. Air Temperature: Cloudy 45°
Type of Well Construction: Direct Push
Condition of Well (Good / Poor); if poor, specify:
Cap Locked (Yes / No):
Lock No.:
Depth to Water: 24 feet
Total Depth of Well: 30 feet
LNAPL (Yes / No), Depth to LNAPL: feet
LNAPL Thickness: feet
Sample Date:
Sample No.: SB1012:DP7S;G033004;1705
Purging Method: Waterra

WELL PURGING			PARAMETERS					
TIME	APPROX. VOLUME PURGED(GALLONS)/ WELL VOLUME	NO. OF WELL VOLUMES	TEMP. °C	pH (S.U.) at 25°C	COND. Units uS at 25°C	Turb. Units	Units	Units
16:55	NA	Static Conditions	12.0	7.27	791	very		
16:57	.25	1	12.0	7.26	845	very		
16:59	.5	2	12.1	7.25	843	very		
17:01	.75	3	12.0	7.26	840	less		
17:03	1.0	4	12.0	7.26	842	less		
17:05	1.25	5	12.1	7.25	839	less		

One Well Volume Equals: .25 Gallons

Comments:

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

FORM.D.057

Hull & Associates, Inc.

GROUNDWATER SAMPLING FIELD DATA SHEET

Client: City of South Bend
Well I.D.: DP7D
Site Location: Area C
Site No.:
Project No. & Phase: SBI020
Weather Conditions & Approx. Air Temperature: Partly cloudy 45°
Type of Well Construction: Direct Push
Condition of Well (Good / Poor); if poor, specify:
Cap Locked (Yes / No):
Lock No.:
Depth to Water: 24 feet
Total Depth of Well: 45 feet
LNAPL (Yes / No), Depth to LNAPL: feet
LNAPL Thickness: feet
Sample Date: 3-31-04
Sample No.: SBI020:DP7D:GC33104:S05
Purging Method: 13:50

WELL PURGING			PARAMETERS					
TIME	APPROX. VOLUME PURGED(GALLONS)/ WELL VOLUME	NO. OF WELL VOLUMES	TEMP. °C	pH (S.U.) at 25°C	COND. Units µs at 25°C	Turb. Units ____	Units ____	Units ____
13:30	NA	Static Conditions	13.0	7.93	710	Very		
13:32	1	1	12.8	7.87	696	Very		
13:34	2	2	12.7	7.75	692	less		
1336	3	3	12.8	7.74	690	less		
1338	4	4	12.4	7.72	695	same		
1340	5	5	12.7	7.75	693	same		

One Well Volume Equals: .86 Gallons

Comments: N 41° 40.140
W 086° 15.977

Re Sample

Drum Inventory: Soil ____ Purge Water ____ LNAPL ____

FORM.D.057

Hull & Associates, Inc.

GROUNDWATER SAMPLING FIELD DATA SHEET

Client City of South Bend | Well I.D. DP7D

Site Location Area C

Site No. | Project No. & Phase SBE020

Weather Conditions & Approx. Air Temperature cloudy 45°

Type of Well Construction Direct Push

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

Cap Locked (Yes / No) | Lock No.

Depth to Water 23 feet | Total Depth of Well 45 feet

LNAPL (Yes / No), Depth to LNAPL feet

LNAPL Thickness feet

Sample Date 3-30-07 | Sample No. SBE020:DP7D:G033003:505

Purging Method Waterra 15:45

WELL PURGING			PARAMETERS					
TIME	APPROX. VOLUME PURGED(GALLONS)/ WELL VOLUME	NO. OF WELL VOLUMES	TEMP. °C	pH (S.U.) at 25°C	COND. Units as at 25°C	Turbid. Units	Units	Units
15125	NA	Static Conditions	12.7	7.90	735	very		
15:27	1	1	12.7	7.80	728	very		
1529	2	2	12.5	7.64	726	very		
1531	3	3	12.3	7.57	728	less		
1533	4	4	12.4	7.56	729	same		
1535	5	5	12.4	7.58	727	same		

One Well Volume Equals 90 Gallons

Comments Resampled due to broken bottle

Drum Inventory: Soil | Purge Water | LNAPL

FORM.D.057

Hull & Associates, Inc.

GROUNDWATER SAMPLING FIELD DATA SHEET

Client: City of South Bend
Well I.D.: DP8D
Site Location: Area C
Site No.:
Project No. & Phase: SBI020
Weather Conditions & Approx. Air Temperature: Mostly Sunny 45°
Type of Well Construction: Direct push
Condition of Well (Good / Poor); if poor, specify:
Cap Locked (Yes / No):
Lock No.:
Depth to Water: 25 feet
Total Depth of Well: 45 feet
LNAPL (Yes / No), Depth to LNAPL: feet
LNAPL Thickness: feet
Sample Date: 3-31-04
Sample No.: SBI020:DP8D:G033104:1325
Purging Method: Waterra

WELL PURGING			PARAMETERS					
TIME	APPROX. VOLUME PURGED(GALLONS)/ WELL VOLUME	NO. OF WELL VOLUMES	TEMP. °C	pH (S.U.) at 25°C	COND. Units uS at 25°C	Turb Units	Units	Units
3:05	NA	Static Conditions	13.9	7.18	647	very		
3:07	1	1	13.9	7.10	660	very		
3:09	2	2	13.7	7.06	660	less		
3:11	3	3	13.6	7.06	662	same		
3:13	4	4	13.5	7.07	661	same		
3:15	5	5	13.6	7.06	663	same		

One Well Volume Equals: .80 Gallons

Comments:

Drum Inventory: Soil: Purge Water: LNAPL:

FORM.D.057

Hull & Associates, Inc.

GROUNDWATER SAMPLING FIELD DATA SHEET

Client: City of S. Bend
Well I.D.: DP8S
Site Location: Area-C
Site No.:
Project No. & Phase: SBI020
Weather Conditions & Approx. Air Temperature: Mostly sunny 45° windy
Type of Well Construction: Direct Push
Condition of Well (Good / Poor): if poor, specify:
Cap Locked (Yes / No):
Lock No.:
Depth to Water: 25 feet
Total Depth of Well: 30 feet
LNAPL (Yes / No), Depth to LNAPL: feet
LNAPL Thickness: feet
Sample Date: 3-31-04
Sample No.: SBI020-DP8S-G033104-SOS
Purging Method: 15:50

WELL PURGING			PARAMETERS					
TIME	APPROX. VOLUME PURGED(GALLONS)/ WELL VOLUME	NO. OF WELL VOLUMES	TEMP. °C	pH (S.U.) at 25°C	COND. Units uS at 25°C	Turb Units ____	Units ____	Units ____
15:50	NA	Static Conditions	13.3	7.05	694	very		
15:52	.25	1	13.2	7.05	694	less		
15:54	.5	2	13.3	7.07	693	same		
1536	.75	3	13.3	7.05	692	less		
1538	1.0	4	13.2	7.06	695	same		
15:40	1.25	5	13.3	7.06	694	same		

One Well Volume Equals: .2 Gallons

Comments: N. 41° 40.164
W 086° 15.932

Drum Inventory: Soil ____ Purge Water ____ LNAPL ____

FORM.D.057

Hull & Associates, Inc.

GROUNDWATER SAMPLING FIELD DATA SHEET

Client: City of South Bend
Well I.D.: DP9S
Site Location: Area C
Site No.:
Project No. & Phase: SB1020
Weather Conditions & Approx. Air Temperature: Cloudy 45°
Type of Well Construction: Direct Push
Condition of Well (Good / Poor); if poor, specify:
Cap Locked (Yes / No):
Lock No.:
Depth to Water: 23 feet
Total Depth of Well: 30 feet
LNAPL (Yes / No), Depth to LNAPL: feet
LNAPL Thickness: feet
Sample Date: 3-30-04
Sample No.: SB1020:DP9S:G033004:S05
Purging Method: Waterra
17:15

WELL PURGING			PARAMETERS					
TIME	APPROX. VOLUME PURGED(GALLONS)/ WELL VOLUME	NO. OF WELL VOLUMES	TEMP. °C	pH (S.U.) at 25°C	COND Units us at 25°C	turbid Units ____	Units ____	Units ____
15:50	NA	Static Conditions	12.4	7.52	815	very		
1552	.3	1	12.3	7.58	831	very		
1554	.6	2	12.1	7.55	839	very		
1556	.9	3	12.1	7.52	837	less		
1558	1.2	4	12.0	7.54	839	same		
1600	1.5	5	12.1	7.53	836	same		

One Well Volume Equals: .28 Gallons

Comments: N. 41° 40.140
W 086° 15.917

Drum Inventory: Soil ____ Purge Water ____ LNAPL ____

FORMD.057

Tank

Hull & Associates, Inc.

GROUNDWATER SAMPLING FIELD DATA SHEET

Client: City of South Bend
Well I.D.: DP9D
Site Location: Area C
Site No.:
Project No. & Phase: SB1020
Weather Conditions & Approx. Air Temperature: cloudy 45°
Type of Well Construction: Direct Push
Condition of Well (Good / Poor); if poor, specify:
Cap Locked (Yes / No):
Lock No.:
Depth to Water: 24 feet
Total Depth of Well: 45 feet
LNAPL (Yes / No), Depth to LNAPL: feet
LNAPL Thickness: feet
Sample Date: 3-30-04
Sample No.: SB1020:DP9D:G033004:1505
Purging Method: Watera 16:45

WELL PURGING			PARAMETERS					
TIME	APPROX. VOLUME PURGED(GALLONS)/ WELL VOLUME	NO. OF WELL VOLUMES	TEMP. °C	pH (S.U.) at 25°C	COND. Units us at 25°C	Turb. Units	Units	Units
16:25	NA	Static Conditions	12.1	7.42	727	very		
16:27	1	1	12.1	7.36	734	very		
16:29	2	2	12.1	7.30	733	very		
16:31	3	3	12.0	7.29	729	less		
16:33	4	4	12.1	7.31	730	same		
16:35	5	5	12.1	7.30	731	same		

One Well Volume Equals: .8C Gallons

Comments: N41° 40.168
W086° 15.978

Drum Inventory: Soil Purge Water LNAPL

FORMD.057

Hull & Associates, Inc.

GROUNDWATER SAMPLING FIELD DATA SHEET

Client: City of S. Bend
Well I.D.: DP105
Site Location: Area C
Site No.:
Project No. & Phase: SBOD20
Weather Conditions & Approx. Air Temperature: Mostly sunny 45°
Type of Well Construction: Direct Push
Condition of Well (Good / Poor); if poor, specify:
Cap Locked (Yes / No):
Lock No.:
Depth to Water: 25 feet
Total Depth of Well: 30 feet
LNAPL (Yes / No), Depth to LNAPL: feet
LNAPL Thickness: feet
Sample Date: 3-31-04
Sample No.: SBIC20IDP105:G033104:505 15:00
Purging Method: Waterra

WELL PURGING			PARAMETERS					
TIME	APPROX. VOLUME PURGED(GALLONS)/ WELL VOLUME	NO. OF WELL VOLUMES	TEMP. °C	pH (S.U.) at 25°C	COND. Units µS at 25°C	Turb Units	Units	Units
14:40	NA	Static Conditions	13.9	7.19	729	very		
14:42	.25	1	13.7	7.20	736	very		
14:44	.5	2	13.6	7.15	735	less		
14:46	.75	3	13.6	7.17	738	same		
14:48	1.0	4	13.7	7.14	734	same		
14:50	1.25	5	13.6	7.16	732	same		

One Well Volume Equals: .2 Gallons

Comments:

Drum Inventory: Soil: Purge Water: LNAPL:

FORMD.057

Hull & Associates, Inc.

GROUNDWATER SAMPLING FIELD DATA SHEET

Client: City of S. Bend
Well I.D.: DP10D
Site Location: Area C
Site No.:
Project No. & Phase: SBI020
Weather Conditions & Approx. Air Temperature: mostly sunny 45°
Type of Well Construction: Direct push
Condition of Well (Good / Poor); if poor, specify:
Cap Locked (Yes / No):
Lock No.:
Depth to Water: 25 feet
Total Depth of Well: 45 feet
LNAPL (Yes / No), Depth to LNAPL: feet
LNAPL Thickness: feet
Sample Date: 3-31-03
Sample No.: SBI020:DP10D:G033104:S05 H35
Purging Method: waterra

WELL PURGING			PARAMETERS					
TIME	APPROX. VOLUME PURGED(GALLONS)/ WELL VOLUME	NO. OF WELL VOLUMES	TEMP. °C	pH (S.U.) at 25°C	COND. Units µS at 25°C	Turb. Units	Units	Units
1415	NA	Static Conditions	14.4	7.25	735	very		
1417	1	1	13.8	7.18	736	very		
1419	2	2	13.7	7.16	735	less		
1421	3	3	13.6	7.17	735	same		
1423	4	4	13.7	7.19	736	same		
1425	5	5	13.7	7.16	735	same		

One Well Volume Equals: .8 Gallons

Comments: N 41° 40.198
W 086° 15.969

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

FORM.D.057

Hull & Associates, Inc.

GROUNDWATER SAMPLING FIELD DATA SHEET

Client: City of South Bend
Well I.D.: DP11S
Site Location: Area C
Site No.:
Project No. & Phase: SBI020
Weather Conditions & Approx. Air Temperature: Mostly Sunny 45° cloudy
Type of Well Construction: Direct Push
Condition of Well (Good / Poor); if poor, specify:
Cap Locked (Yes / No):
Lock No.:
Depth to Water: 25 feet
Total Depth of Well: 30 feet
LNAPL (Yes / No), Depth to LNAPL: feet
LNAPL Thickness: feet
Sample Date: 3-31-04
Sample No.: SBI020:DP11S:GC33104:SOS 1750
Purging Method: Waterra

WELL PURGING			PARAMETERS					
TIME	APPROX. VOLUME PURGED(GALLONS)/ WELL VOLUME	NO. OF WELL VOLUMES	TEMP. °C	pH (S.U.) at 25°C	COND. Units µs at 25°C	Turb. Units	Units	Units
1730	NA	Static Conditions	13.8	7.06	678	very		
1732	.25	1	13.7	7.06	680	very		
1734	.50	2	13.6	7.08	681	very		
1736	.75	3	13.7	7.06	679	very		
1738	1.0	4	13.5	7.07	678	very		
1740	1.25	5	13.6	7.07	682	very		

One Well Volume Equals: .2 Gallons

Comments: Black in Color

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

FORMD.057

Hull & Associates, Inc.

GROUNDWATER SAMPLING FIELD DATA SHEET

Well I.D. DP11D

Client City of S. Bend

Site Location Area C

Site No. _____

Project No. & Phase SB1020

Weather Conditions & Approx. Air Temperature mostly sunny 45° windy

Type of Well Construction Direct push

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

Cap Locked (Yes / No) _____

Lock No. _____

Depth to Water 25 feet

Total Depth of Well 45 feet

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

LNAPL Thickness _____ feet

Sample Date 3-31-04

Sample No. SB1020;DP11D;G033104;505

Purging Method Watera

1725

WELL PURGING			PARAMETERS					
TIME	APPROX. VOLUME PURGED(GALLONS)/ WELL VOLUME	NO. OF WELL VOLUMES	TEMP. °C	pH (S.U.) at 25°C	COND. Units µS at 25°C	Turb Units _____	Units _____	Units _____
1705	NA	Static Conditions	15.5	7.11	690	very		
1707	1	1	15.2	7.08	684	very		
1709	2	2	14.9	7.06	683	less		
1711	3	3	14.8	7.05	685	same		
1713	4	4	14.7	7.07	683	same		
1715	5	5	14.8	7.06	684	same		

One Well Volume Equals .8 Gallons

Comments N 41° 40.191

W086° 15.895

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

FORM D.057

Hull & Associates, Inc.

GROUNDWATER SAMPLING FIELD DATA SHEET

Client: City of S. Bend
Well I.D.: DP125
Site Location: Area C
Site No.:
Project No. & Phase: SB2020
Weather Conditions & Approx. Air Temperature: Mostly Sunny 45° Windy
Type of Well Construction: Direct Push
Condition of Well (Good / Poor); if poor, specify:
Cap Locked (Yes / No):
Lock No.:
Depth to Water: 24 feet
Total Depth of Well: 30 feet
LNAPL (Yes / No), Depth to LNAPL: feet
LNAPL Thickness: feet
Sample Date: 3-31-04
Sample No.: SB2020:DP125:G033104:1505
Purging Method: Waterra
16:50

WELL PURGING			PARAMETERS					
TIME	APPROX. VOLUME PURGED(GALLONS)/ WELL VOLUME	NO. OF WELL VOLUMES	TEMP. °C	pH (S.U.) at 25°C	COND. Units uS at 25°C	Turb Units	Units	Units
1635	NA	Static Conditions	15.9	7.09	734	very		
1637	.25	1	15.9	7.09	770	very		
1638	.50	2	15.8	7.08	779	very		
1640	.75	3	15.8	7.07	783	less		
1642	1.0	4	15.7	7.07	779	same		
1644	1.25	5	15.8	7.08	780	same		

One Well Volume Equals .25 Gallons

Comments

Drum Inventory: Soil Purge Water LNAPL

FORM.D.057

Hull & Associates, Inc.

GROUNDWATER SAMPLING FIELD DATA SHEET

Client: City of South Bend
Well I.D.: DP12D
Site Location: Area C
Site No.:
Project No. & Phase: SB1020
Weather Conditions & Approx. Air Temperature: Mostly sunny 47° windy
Type of Well Construction: Direct push
Condition of Well (Good / Poor); if poor, specify:
Cap Locked (Yes / No):
Lock No.:
Depth to Water: 24 feet
Total Depth of Well: 45 feet
LNAPL (Yes / No), Depth to LNAPL: feet
LNAPL Thickness: feet
Sample Date: 3-31-04
Sample No.: SB1020:DP12D:G033104:505 16:25
Purging Method: Waterra

WELL PURGING			PARAMETERS					
TIME	APPROX. VOLUME PURGED(GALLONS)/ WELL VOLUME	NO. OF WELL VOLUMES	TEMP. °C	pH (S.U.) at 25°C	COND. Units uS at 25°C	Turb Units	Units	Units
1605	NA	Static Conditions	16.8	7.19	724	very		
1607	1	1	16.7	7.12	732	very		
1609	2	2	16.8	7.08	731	less		
1611	3	3	16.2	7.09	730	same		
1613	4	4	16.3	7.10	731	same		
1615	5	5	16.2	7.08	729	same		

One Well Volume Equals: 186 Gallons

Comments: N 41° 40 168
W 086° 15.872

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

FORM D.057

Hull & Associates, Inc.

GROUNDWATER SAMPLING FIELD DATA SHEET

Client: City of S. Bend
Well I.D.: DP135
Site Location: Area C
Site No.:
Project No. & Phase: SB1020
Weather Conditions & Approx. Air Temperature: Sunny 45°
Type of Well Construction: Direct Push
Condition of Well (Good / Poor); if poor, specify:
Cap Locked (Yes / No):
Lock No.:
Depth to Water: 25 feet
Total Depth of Well: 30 feet
LNAPL (Yes / No), Depth to LNAPL: feet
LNAPL Thickness: feet
Sample Date: 4-1-04
Sample No.: SB1020; DP135; G040104; SDS
Purging Method: waterra
10:40

WELL PURGING			PARAMETERS					
TIME	APPROX. VOLUME PURGED(GALLONS)/ WELL VOLUME	NO. OF WELL VOLUMES	TEMP. °C	pH (S.U.) at 25°C	COND. Units uS at 25°C	Turb Units	Units	Units
10:20	NA	Static Conditions	14.9	7.48	819	Very		
1022	.25	1	14.6	7.47	816	Less		
1024	.5	2	14.8	7.48	813	Same		
1026	.75	3	14.5	7.48	810	Same		
1028	1.0	4	14.6	7.47	812	Same		
1030	1.25	5	14.7	7.48	810	Same		

One Well Volume Equals: .2 Gallons

Comments:

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

FORMD.057

Hull & Associates, Inc.

GROUNDWATER SAMPLING FIELD DATA SHEET

Client: City of S Bend
Well I.D.: DP13D
Site Location: Area C
Site No.:
Project No. & Phase: SBI020
Weather Conditions & Approx. Air Temperature: sunny 45°
Type of Well Construction: Direct Push
Condition of Well (Good / Poor); if poor, specify:
Cap Locked (Yes / No):
Lock No.:
Depth to Water: 25 feet
Total Depth of Well: 45 feet
LNAPL (Yes / No), Depth to LNAPL: feet
LNAPL Thickness: feet
Sample Date: 4-1-04
Sample No.: SBI020:DP13D:GW040104:1015
Purging Method: water

WELL PURGING			PARAMETERS					
TIME	APPROX. VOLUME PURGED(GALLONS)/ WELL VOLUME	NO. OF WELL VOLUMES	TEMP. °C	pH (S.U.) at 25°C	COND. Units us at 25°C	Turb Units	Units	Units
9:55	NA	Static Conditions	13.2	7.08	730	very		
9:57	1	1	13.9	7.04	811	very		
9:59	2	2	13.9	7.04	817	less		
1001	3	3	13.8	7.06	815	same		
1003	4	4	14.0	7.05	814	same		
1005	5	5	13.9	7.04	813	same		

One Well Volume Equals: 1.8 Gallons

Comments:
N 41° 40.189
W 086° 15.834

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

FORM.D.057

Hull & Associates, Inc.

GROUNDWATER SAMPLING FIELD DATA SHEET

Client City of S. Bend

Well I.D. DP145

Site Location Area C

Site No. _____

Project No. & Phase SB1020

Weather Conditions & Approx. Air Temperature Sunny 40°

Type of Well Construction Direct Push

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

Cap Locked (Yes / No) _____

Lock No. _____

Depth to Water 25 feet

Total Depth of Well ~~25~~ 30 feet

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

LNAPL Thickness _____ feet

Sample Date 9-1-01

Sample No. SB1020; DP145; G040104; 500

Purging Method waterra

9:35

WELL PURGING			PARAMETERS					
TIME	APPROX. VOLUME PURGED(GALLONS)/ WELL VOLUME	NO. OF WELL VOLUMES	TEMP. °C	pH (S.U.) at 25°C	COND. Units mS at 25°C	Turb. Units _____	Units _____	Units _____
9:15	NA	Static Conditions	20.8	7.53	594	very		
9:17	.25	1	21.1	7.56	592	very		
919	.5	2	21.5	7.61	601	very		
921	.75	3	21.4	7.60	603	less		
923	1	4	21.2	7.63	601	same		
925	1.25	5	21.3	7.62	599	same		

One Well Volume Equals .2 Gallons

Comments _____

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

FORM.D.057

Hull & Associates, Inc.

GROUNDWATER SAMPLING FIELD DATA SHEET

Client: City of S. Bend
Well I.D.: DP14D
Site Location: Area C
Site No.:
Project No. & Phase: SB1020
Weather Conditions & Approx. Air Temperature: Sunny 40°
Type of Well Construction: Direct Push
Condition of Well (Good / Poor); if poor, specify:
Cap Locked (Yes / No):
Lock No.:
Depth to Water: 25 feet
Total Depth of Well: 45 feet
LNAPL (Yes / No), Depth to LNAPL: feet
LNAPL Thickness: feet
Sample Date: 4-1-04
Sample No.: SB1020; DP14D; 040104; 905
Purging Method:

WELL PURGING			PARAMETERS					
TIME	APPROX. VOLUME PURGED(GALLONS)/ WELL VOLUME	NO. OF WELL VOLUMES	TEMP. °C	pH (S.U.) at 25°C	COND. Units µS at 25°C	Turb. Units	Units	Units
845	NA	Static Conditions	20.2	7.96	567	very		
847	1	1	21.6	7.82	567	very		
849	2	2	21.3	7.67	577	less		
851	3	3	21.0	7.58	583	same		
853	4	4	21.1	7.54	586	same		
855	5	5	21.2	7.57	582	same		

One Well Volume Equals: .8 Gallons

Comments:
N 41° 40.206
W 086° 15.882

Drum Inventory: Soil Purge Water LNAPL

FORM.D.057

Hull & Associates, Inc.

GROUNDWATER SAMPLING FIELD DATA SHEET

Client: City of S. Bend
Well I.D.: DP165
Site Location: Area C
Site No.:
Project No. & Phase: 51B020
Weather Conditions & Approx. Air Temperature: Mostly Sunny 45°
Type of Well Construction: Direct Push
Condition of Well (Good / Poor); if poor, specify:
Cap Locked (Yes / No):
Lock No.:
Depth to Water: 25 feet
Total Depth of Well: 30 feet
LNAPL (Yes / No), Depth to LNAPL: 25 feet
LNAPL Thickness: feet
Sample Date: 3-31-04
Sample No.: SB020!DP165!G033104!525
Purging Method: Waterra
9:50

WELL PURGING			PARAMETERS					
TIME	APPROX. VOLUME PURGED(GALLONS)/ WELL VOLUME	NO. OF WELL VOLUMES	TEMP. °C	pH (S.U.) at 25°C	COND. Units uS at 25°C	Turb. Units	Units	Units
9:30	NA	Static Conditions	11.8	7.71	710	very		
9:32	0.25	1	11.9	7.65	708	less		
9:34	0.5	2	11.9	7.65	707	same		
936	0.75	3	12.0	7.66	706	less		
938	1.0	4	11.8	7.64	712	same		
9:40	1.25	5	11.9	7.63	705	same		

One Well Volume Equals: 0.2 Gallons

Comments:

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

FORM.D.057

Hull & Associates, Inc.

GROUNDWATER SAMPLING
FIELD DATA SHEET

Client City of S. Bend
Well I.D. DP16D
Site Location Area C
Site No.
Project No. & Phase SBI020
Weather Conditions & Approx. Air Temperature mostly sunny 45°
Type of Well Construction Direct Push
Condition of Well (Good / Poor); if poor, specify
Cap Locked (Yes / No)
Lock No.
Depth to Water 25 feet
Total Depth of Well 45 feet
LNAPL (Yes / No), Depth to LNAPL feet
LNAPL Thickness feet
Sample Date 3-31-04
Sample No. SBI020:DP16D:G033104:SOS
Purging Method Watera
9:20

WELL PURGING			PARAMETERS					
TIME	APPROX. VOLUME PURGED(GALLONS)/ WELL VOLUME	NO. OF WELL VOLUMES	TEMP. °C	pH (S.U.) at 25°C	COND. Units us at 25°C	turb. Units	Units	Units
9:00	NA	Static Conditions	11.9	7.94	712	very		
9:02	1	1	11.9	7.82	709	very		
9:04	2	2	12.1	7.69	708	very		
9:06	3	3	11.9	7.63	708	less		
9:08	4	4	11.9	7.64	707	same		
9:10	5	5	12.0	7.63	709	same		

One Well Volume Equals .8 Gallons

Comments
N41° 40.238
W086° 15.867
inside laurel Apt complex

Drum Inventory: Soil Purge Water LNAPL

FORM D.057

Hull & Associates, Inc.

GROUNDWATER SAMPLING FIELD DATA SHEET

Client: City of S. Bend
Well I.D.: DP175
Site Location: Area C
Site No.:
Project No. & Phase: SBI020
Weather Conditions & Approx. Air Temperature: Mostly cloudy 40°
Type of Well Construction: Direct Push
Condition of Well (Good / Poor); if poor, specify:
Cap Locked (Yes / No):
Lock No.:
Depth to Water: 25 feet
Total Depth of Well: 30 feet
LNAPL (Yes / No), Depth to LNAPL: feet
LNAPL Thickness: feet
Sample Date: 3-31-04
Sample No.: SBI020-DP175-G053104-SO5
Purging Method: watera
8:30

WELL PURGING			PARAMETERS					
TIME	APPROX. VOLUME PURGED(GALLONS)/ WELL VOLUME	NO. OF WELL VOLUMES	TEMP. °C	pH (S.U.) at 25°C	COND. Units µS at 25°C	Turb. Units	Units	Units
8:10	NA	Static Conditions	11.3	7.76	780	very		
8:12	.35	1	11.4	7.83	746	very		
814	.5	2	11.6	7.76	762	very		
816	0.75	3	11.8	7.65	760	less		
818	1.0	4	11.9	7.64	763	Same		
820	1.25	5	11.8	7.67	759	Same		

One Well Volume Equals: .2 Gallons

Comments:

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

FORM.D.057

Hull & Associates, Inc.

GROUNDWATER SAMPLING FIELD DATA SHEET

Client: City of South Bend
Well I.D.: DP17D
Site Location: Area C
Site No.:
Project No. & Phase: SB1020
Weather Conditions & Approx. Air Temperature: mostly sunny 40°
Type of Well Construction: Direct push
Condition of Well (Good / Poor); if poor, specify:
Cap Locked (Yes / No):
Lock No.:
Depth to Water: 25 feet
Total Depth of Well: 45 feet
LNAPL (Yes / No), Depth to LNAPL: feet
LNAPL Thickness: feet
Sample Date: 3-31-04
Sample No.: SB1020:DP17D:G033104:SB5
Purging Method: Waterra
8:05

WELL PURGING			PARAMETERS					
TIME	APPROX. VOLUME PURGED(GALLONS)/ WELL VOLUME	NO. OF WELL VOLUMES	TEMP. °C	pH (S.U.) at 25°C	COND. Units mS at 25°C	Turb Units	Units	Units
7:45	NA	Static Conditions	11.1	7.98	776	very		
747	1	1	11.8	7.78	759	very		
749	2	2	11.9	7.66	758	very		
751	3	3	11.9	7.64	757	less		
753	4	4	11.9	7.65	756	same		
755	5	5	11.8	7.66	757	same		

One Well Volume Equals: .8 Gallons

Comments: N41° 40.259
W086° 15.793

west side of Ball Diamond in Oliver Park

Drum Inventory: Soil Purge Water LNAPL

FORM.D.057

Hull & Associates, Inc.

GROUNDWATER SAMPLING FIELD DATA SHEET

Client: City of S. Bend
Well I.D.: DP18S
Site Location: Area C
Site No.:
Project No. & Phase: SBI020
Weather Conditions & Approx. Air Temperature: Partly Cloudy 45°
Type of Well Construction: Direct Push
Condition of Well (Good / Poor); if poor, specify:
Cap Locked (Yes / No):
Lock No.:
Depth to Water: 24 feet
Total Depth of Well: 45 feet
LNAPL (Yes / No), Depth to LNAPL: feet
LNAPL Thickness: feet
Sample Date: 3-31-04
Sample No.: SBI020:DP18S:G033104:SOS
Purging Method: water
11:00

WELL PURGING			PARAMETERS					
TIME	APPROX. VOLUME PURGED(GALLONS)/ WELL VOLUME	NO. OF WELL VOLUMES	TEMP. °C	pH (S.U.) at 25°C	COND. Units µs/cm at 25°C	Turb Units	Units	Units
1040	NA	Static Conditions	13.1	7.58	738	Very		
1042	.25	1	12.7	7.52	767	Very		
1044	.5	2	12.6	7.51	768	Very		
1046	0.75	3	12.4	7.50	771	Very		
10:48	1.0	4	12.3	7.50	770	less		
10.50	1.25	5	12.3	7.49	772	less		

One Well Volume Equals: .25 Gallons

Comments:

Drum Inventory: Soil _____ Purge Water _____ LNAPL _____

FORM D.057

Hull & Associates, Inc.

GROUNDWATER SAMPLING FIELD DATA SHEET

Client: City of South Bend
Well I.D.: DP18D
Site Location: Area C
Site No.:
Project No. & Phase: SBD020
Weather Conditions & Approx. Air Temperature: Mostly sunny 45°
Type of Well Construction: Direct Push
Condition of Well (Good / Poor); if poor, specify:
Cap Locked (Yes / No):
Lock No.:
Depth to Water: 24 feet
Total Depth of Well: 45 feet
LNAPL (Yes / No), Depth to LNAPL: feet
LNAPL Thickness: feet
Sample Date: 3-31-04
Sample No.: SBD020! DP18D! 040331041505
Purging Method: Waterra
10135

WELL PURGING			PARAMETERS					
TIME	APPROX. VOLUME PURGED(GALLONS)/ WELL VOLUME	NO. OF WELL VOLUMES	TEMP. °C	pH (S.U.) at 25°C	COND. Units uS at 25°C	Turb Units ____	Units ____	Units ____
10:15	NA	Static Conditions	13.1	7.67	739	very		
10:17	1	1	12.9	7.66	737	Very		
10:19	2	2	12.8	7.62	735	less		
10:21	3	3	12.8	7.64	730	same		
10:23	4	4	12.7	7.63	736	Same		
10:25	5	5	12.9	7.60	732	Same		

One Well Volume Equals: .86 Gallons

Comments: N. 41° 40.259
W086° 15.828

Along Laurel St.

Drum Inventory: Soil ____ Purge Water ____ LNAPL ____

FORM.D.057