GROUND WATER SAMPLING FORM

CLIENT/PROJECT EMD
LOCATION CMTT
WEATHER 45°F, cloudy, rain

PROJECT NUMBER 100.58.15
DATE 3/31/04
TIME SAMPLING BEGAN 1030
TIME SAMPLING COMPLETED 1100

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT MW-8
MEASURING POINT (MP) TOC
TOTAL DEPTH OF WELL BELOW MP 16.9
DEPTH TO WATER BELOW MP 5.0
HEIGHT OF WATER COLUMN IN WELL 11.9
WELL VOLUME 1.9
EVACUATION METHOD Bailer

MP ELEVATION
WATER LEVEL ELEVATION
DIAMETER OF CASING 2"

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1045	1.9	10.3°C	8.31	5.25 mS	>200	turbid, red/rust color, no odor.

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3 40 ml glass Vial	HCl, ice
SVOC	2 1L amber glass	ice
Metals	2 100 ml plastic	Nitric, ice
TSS	1 100 ml plastic	ice

TIME SAMPLES COLLECTED 1055
SAMPLE IDENTIFICATION CODING MW-8/033104
DUPLICATE IDENTIFICATION CODING
CHAIN OF CUSTODY RECORD NUMBERS
SAMPLING PERSONNEL SDC/JMH

REMARKS Dedicated pump & tubing in well. Can not access well w/ equip. Utilized bailer, due to well location. Well dry - sampled.

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT EMD
LOCATION CINTI OH
WEATHER 55°F, cloudy

PROJECT NUMBER 100.58.15
DATE 3/26/04 / 3/30
TIME SAMPLING BEGAN 1345
TIME SAMPLING COMPLETED

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT MW-11A
MEASURING POINT (MP) TOC
TOTAL DEPTH OF WELL BELOW MP 39.63
DEPTH TO WATER BELOW MP 35.72
HEIGHT OF WATER COLUMN IN WELL 3.91
WELL VOLUME 0.08
EVACUATION METHOD Peristaltic Pump

MP ELEVATION
WATER LEVEL ELEVATION
DIAMETER OF CASING 1"

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
		N/A				

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3 40ml VOA	Hcl, ice
SVOC	2 1L. amber	ice
METALS	2 100ml plastic	Nitric, ice
T.S.S.	1 100ml plastic	ice

TIME SAMPLES COLLECTED 1215
SAMPLE IDENTIFICATION CODING MW-11A / 033004
DUPLICATE IDENTIFICATION CODING
CHAIN OF CUSTODY RECORD NUMBERS
SAMPLING PERSONNEL SDL / JWH

REMARKS One inch well, no tubing or pump in well. No cap on well. Inadequate water to purge, immediately sample.

3/30/04
1150 - Return to sample.
only able to collect VOC's
- Well very dirty (black to gray)

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- Peristaltic pump not strong enough for amount of head.

GROUND WATER SAMPLING FORM

CLIENT/PROJECT EMD
LOCATION Cinti OH
WEATHER 55°F, cloudy

PROJECT NUMBER 100.58.15
DATE 3/26/04
TIME SAMPLING BEGAN 1350
TIME SAMPLING COMPLETED 1500

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT MW-11C
MEASURING POINT (MP) TOC
TOTAL DEPTH OF WELL BELOW MP 51.47
DEPTH TO WATER BELOW MP 31.93
HEIGHT OF WATER COLUMN IN WELL 19.54
WELL VOLUME 3.2
EVACUATION METHOD Dedicated pump

MP ELEVATION
WATER LEVEL ELEVATION
DIAMETER OF CASING 2"

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1422	3.2	19.4°C	7.05	850 µS	21.2	Clear, no odor
1429	6.4	18.3°C	7.42	903 µS	7.4	" "
1439	9.6	18.5°C	7.46	909 µS	7.0	" "

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL 9.6 gal.

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3 40ml VOA	HCL, ice
SVOC	2 1L amber	ice
METALS	2 100ml plastic	Nitric, ice
T.S.S.	1 100ml plastic	ice

TIME SAMPLES COLLECTED 1442
SAMPLE IDENTIFICATION CODING MW-11C /
DUPLICATE IDENTIFICATION CODING
CHAIN OF CUSTODY RECORD NUMBERS 153313
SAMPLING PERSONNEL SDL/JMH

REMARKS Dedicated pump & tubing in well. - works.

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT: Eng
LOCATION: Highland
WEATHER: P.C ≅55°F

PROJECT NUMBER: 100.58.15
DATE: 3/26/04
TIME SAMPLING BEGAN: 11:18
TIME SAMPLING COMPLETED: 1132

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT: MW15
MEASURING POINT (MP): TOC
TOTAL DEPTH OF WELL BELOW MP: 28.62
DEPTH TO WATER BELOW MP: 26.54
HEIGHT OF WATER COLUMN IN WELL: 2.08
WELL VOLUME: 0.35
EVACUATION METHOD: Peristaltic/Bailer

MP ELEVATION:
WATER LEVEL ELEVATION:
DIAMETER OF CASING: 2"

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1128	0.35	18.0	6.98	1070	>200 ntu	Black, Turbid Suspended Black Solids

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL:

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3 - VOA	HCL, ice
SVOC	1 - 1L AG	—
T&D Metals	2 - 250 ml PI	Nitric
TSS	1 - 250 ml PI	—

TIME SAMPLES COLLECTED: 1128
SAMPLE IDENTIFICATION CODING: MW15/032604
DUPLICATE IDENTIFICATION CODING:
CHAIN OF CUSTODY RECORD NUMBERS:
SAMPLING PERSONNEL:

REMARKS: Peristaltic Dry @ 0.1g Sample after Recharge with Bailer
Only 1 SVOC Collected

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT: EMD
LOCATION: Highland
WEATHER: P.C. ≈ 55°F

PROJECT NUMBER: 100.58.15
DATE: 3/26/04 / 3/29/04
TIME SAMPLING BEGAN: 1037 / 1030
TIME SAMPLING COMPLETED: 1050

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT: MW 15B
MEASURING POINT (MP): TOC
TOTAL DEPTH OF WELL BELOW MP: 53.71
DEPTH TO WATER BELOW MP: 35.43
HEIGHT OF WATER COLUMN IN WELL: 18.28
WELL VOLUME: 2.9 g
EVACUATION METHOD: Bailer

MP ELEVATION:
WATER LEVEL ELEVATION:
DIAMETER OF CASING: 2"

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1052	2.9 g	20.7°C	7.87	844 uS	4.8 NTU	Clear
1102	2.9 g	21.0	7.56	814 uS	18.3 NTU	Clear
1117	2.9	21.2	7.49	813	9.8 NTU	Clear

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL: 9.7 gal.

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3-40ml VOA	HCL, ice
SVOC	2-1L AG	—
D.+T. Metals	2-250ml PI	Nitric
TSS	1-250ml PI	—

TIME SAMPLES COLLECTED: 3/29/02 – 1040
SAMPLE IDENTIFICATION CODING: MW15B/032604
DUPLICATE IDENTIFICATION CODING:
CHAIN OF CUSTODY RECORD NUMBERS: ~
SAMPLING PERSONNEL: JKB

REMARKS: Well Dry @ 8.7g, Left to ~~only 1 SVOC collected~~ Recharge
Purged ≈ 2.0 gallons prior to collecting samples.

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT: EMD
LOCATION: Highland
WEATHER: Clear ≈ 50°F

PROJECT NUMBER: 100.58.15
DATE: 3/23/04
TIME SAMPLING BEGAN: 1240
TIME SAMPLING COMPLETED: 1352

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT: MW17
MEASURING POINT (MP): TOC
TOTAL DEPTH OF WELL BELOW MP: 44.56
DEPTH TO WATER BELOW MP: 27.56
HEIGHT OF WATER COLUMN IN WELL: 17.00
WELL VOLUME: 2.7 g
EVACUATION METHOD: Grundfoss

MP ELEVATION:
WATER LEVEL ELEVATION:
DIAMETER OF CASING: 2"

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1255	1.8g	18.5°C	6.98	1092 uS	>200 ntu	Turbid, Clear

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL: 1.8g

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3-40ml	HCL ice
SVOC	2 1L AG	
Metals	2 1L PI	HNO3
TSS	1-100ml PI	

TIME SAMPLES COLLECTED: 1255
SAMPLE IDENTIFICATION CODING: MW17/032304
DUPLICATE IDENTIFICATION CODING:
CHAIN OF CUSTODY RECORD NUMBERS:
SAMPLING PERSONNEL: JPB, MMH

REMARKS: Problems with W.L. Meter. Have to estimate W.L.; Well Dry @ 1.8g. Left to Recharge + Sampled.

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT: UMD
LOCATION: Nunnood
WEATHER: Cloudy 50°F

PROJECT NUMBER: 100.58.15
DATE: 3/30/04
TIME SAMPLING BEGAN: 0915
TIME SAMPLING COMPLETED: 1020

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT: MW-18
MEASURING POINT (MP): TOC
TOTAL DEPTH OF WELL BELOW MP: 45.33
DEPTH TO WATER BELOW MP: 41.07
HEIGHT OF WATER COLUMN IN WELL: 4.26
WELL VOLUME: 0.7
EVACUATION METHOD: Disposable Bailer

MP ELEVATION:
WATER LEVEL ELEVATION:
DIAMETER OF CASING:

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
0935	0.7	13.9	7.09	880 µS	Cloudy	

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL:

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3-40mL	HCL Ice
SVOC	2-1LAG	Ice
Metals	2-500mL	HNO_3
TSS	1-500mL	Ice

TIME SAMPLES COLLECTED: 1000
SAMPLE IDENTIFICATION CODING: MW-18/033004
DUPLICATE IDENTIFICATION CODING:
CHAIN OF CUSTODY RECORD NUMBERS:
SAMPLING PERSONNEL:

REMARKS: Piston Pump in Well. Remove Pump & use ~~Grundfos~~, Bailer Well: Dry @ 0.7 gal. Wait for Recharge

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT EMD
LOCATION Canton
WEATHER 45°F, cloudy, rain

PROJECT NUMBER 100.58.15
DATE 3/31/04
TIME SAMPLING BEGAN 0925
TIME SAMPLING COMPLETED 1020

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT MW-23
MEASURING POINT (MP) T.O.C.
TOTAL DEPTH OF WELL BELOW MP 39.5
DEPTH TO WATER BELOW MP 36.70
HEIGHT OF WATER COLUMN IN WELL 2.8
WELL VOLUME 0.46
EVACUATION METHOD Bailer

MP ELEVATION
WATER LEVEL ELEVATION
DIAMETER OF CASING 2"

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL Samples

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3 40ml glass Vial	HCL, ice
SVOC	2 1L. amber glass	ice
Metals	2 100ml plastic	Nitric, ice
T.S.S.	1 100ml plastic	ice

TIME SAMPLES COLLECTED 1000
SAMPLE IDENTIFICATION CODING MW-23/033104
DUPLICATE IDENTIFICATION CODING —
CHAIN OF CUSTODY RECORD NUMBERS
SAMPLING PERSONNEL SDL/JMH

REMARKS Inadequate water to purge/collect parameters, sample directly. No dedicated equipment, well dry upon completion of sampling.

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT EMD
LOCATION Cinti, OH
WEATHER 50°F, cloudy

PROJECT NUMBER 100.58.15
DATE 3/26/04 / 3/29/04
TIME SAMPLING BEGAN 0945 / 1000
TIME SAMPLING COMPLETED 1025

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT BMW-24
MEASURING POINT (MP) TOC
TOTAL DEPTH OF WELL BELOW MP 58.5
DEPTH TO WATER BELOW MP 38.55
HEIGHT OF WATER COLUMN IN WELL 19.95
WELL VOLUME 3.3 gal.
EVACUATION METHOD Dedicated pump

MP ELEVATION
WATER LEVEL ELEVATION
DIAMETER OF CASING 2"

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1005	3.3 gal.	16.6°C	7.76	982 µS	5.4	Clear, no odor

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL 5.0 gal.

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3 40ml VOAs	HCl, ice
SVOC	2 1L. amber	ice
METALS	2 100ml plastic	Nitric, ice
T.S.S.	1 100ml plastic	ice

TIME SAMPLES COLLECTED 3/29/04 – 1020
SAMPLE IDENTIFICATION CODING MW-24/032604
DUPLICATE IDENTIFICATION CODING ——
CHAIN OF CUSTODY RECORD NUMBERS
SAMPLING PERSONNEL SDL/JMH

REMARKS Dedicated pump & tubing in well – working. Well dry @ 5.0 gal., allowed to re-charge & sampled on 3/29/04 – Purge ≈ 2.0 gallons prior to sampling.

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT: EMD
LOCATION: Highland
WEATHER: P.C. 60°F

PROJECT NUMBER: 100.58.15
DATE: 3/26/04
TIME SAMPLING BEGAN: 14:35
TIME SAMPLING COMPLETED: 15:01

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT: MW26
MEASURING POINT (MP): TOC
TOTAL DEPTH OF WELL BELOW MP: 41.98
DEPTH TO WATER BELOW MP: 30.81
HEIGHT OF WATER COLUMN IN WELL: 11.17
WELL VOLUME: 1.8 g
EVACUATION METHOD: grundfos

MP ELEVATION:
WATER LEVEL ELEVATION:
DIAMETER OF CASING: 2"

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
14:52	1.8g	20.3°C	7.20	4.10 µS	>200 NTU	cloudy, light brown
14:56	1.8g	19.6°C	7.18	750 µS	>200 NTU	" "
14:58	1.8g	19.1°C	7.31	578 µS	>200 NTU	" "

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL: 5.4g

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3-40mL VOA	HCL Ice
SVOC	2-1L AG	
Metals	2-250 mL PC	Nitric
TSS	1-250 mL PC	

TIME SAMPLES COLLECTED: 14:59
SAMPLE IDENTIFICATION CODING: MW26/032604
DUPLICATE IDENTIFICATION CODING:
CHAIN OF CUSTODY RECORD NUMBERS:
SAMPLING PERSONNEL: JPB, MMH

REMARKS: Dedicated pump shorted out, removed along w/ tubing, Dedicated tubing left in well.

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT: EMD
LOCATION: Highland
WEATHER: PC ≈ 55°F

PROJECT NUMBER: 100.58.15
DATE: 3/26/04
TIME SAMPLING BEGAN: 1338
TIME SAMPLING COMPLETED: 1359

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT: MW26A
MEASURING POINT (MP): TOC
TOTAL DEPTH OF WELL BELOW MP: 60.47
DEPTH TO WATER BELOW MP: 30.22
HEIGHT OF WATER COLUMN IN WELL: 30.25
WELL VOLUME: 4.8 g
EVACUATION METHOD: grundfos

MP ELEVATION:
WATER LEVEL ELEVATION:
DIAMETER OF CASING: 2"

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
13:52	4.8 g	19.6°C	6.64	1175 µS	>200	cloudy, brown
13:54	4.8	18.9°C	6.72	1410 µS	" "	cloudy, light brown
13:55	4.8	18.7°C	6.74	1369 µS	" "	clear, but turbid

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL: gals 14.4

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3-40ml VOA	HCL, ice
SVOC	2-1L AG	—
TPD metals	2-250ml PL	nitric
TSS	1-250ml PL	—

TIME SAMPLES COLLECTED: 1356
SAMPLE IDENTIFICATION CODING: MW26A/032604
DUPLICATE IDENTIFICATION CODING:
CHAIN OF CUSTODY RECORD NUMBERS:
SAMPLING PERSONNEL: JPB, MMH

REMARKS:

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT: Ford

LOCATION: Highland

WEATHER: PC. ≅ 55°F

PROJECT NUMBER: JMB 3/26/04 100.55.15

DATE: 3/26/04

TIME SAMPLING BEGAN: 928

TIME SAMPLING COMPLETED: 1006

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT: MW-27

MEASURING POINT (MP): TOC

TOTAL DEPTH OF WELL BELOW MP: 21.28

DEPTH TO WATER BELOW MP: 6.89

HEIGHT OF WATER COLUMN IN WELL: 14.37

WELL VOLUME: 2.3 g

EVACUATION METHOD: Grundfos

MP ELEVATION:

WATER LEVEL ELEVATION:

DIAMETER OF CASING: 2"

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
0934	2.3 g	16.1°C	7.24	1502 µS	9.5 ntu	Clear
0950	2.3	16.4	7.43	1481	27.4	" "
0959	2.3	16.8	7.41	1481	26.8	" "

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL: 6.6 g

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3 - 40ml VOA	HCL, ice
SVOC	2 1L AG	—
D. + T. Metals	2 - 250ml PL	nitric
TSS	1 - 250ml PL	—

TIME SAMPLES COLLECTED: 1000

SAMPLE IDENTIFICATION CODING: MW27/032604

DUPLICATE IDENTIFICATION CODING: —

CHAIN OF CUSTODY RECORD NUMBERS:

SAMPLING PERSONNEL: JMB, MMM

REMARKS:

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT EMD
LOCATION CINTI OH
WEATHER 55°F, cloudy

PROJECT NUMBER 100.58.15
DATE ~~3/26/04~~ 3/29/04
TIME SAMPLING BEGAN ~~1535~~ 1055
TIME SAMPLING COMPLETED 1430

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT MW-30
MEASURING POINT (MP) TOC
TOTAL DEPTH OF WELL BELOW MP 72.5
DEPTH TO WATER BELOW MP 35.63
HEIGHT OF WATER COLUMN IN WELL 36.87
WELL VOLUME 6.0 gal
EVACUATION METHOD Dedicated Grundfos pump.

MP ELEVATION
WATER LEVEL ELEVATION
DIAMETER OF CASING 2"

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1137	6.0 gal.	21.2°C	8.03	446 µS.	73.5	clear, no odor
1214	12.0 gal	21.6°C	7.86	585 µS	>200	cloudy, no odor, grayish
1410	18.0 gal	22.3°C	7.58	~~836 µS~~ 465 µS	114.0	" " "

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL 18.0 gal.

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3 40 ml VOA	HCL, ice
SVOC	2 1L. amber glass	Ice
METALS	2 100 ml plastic	Nitric, ice
T.S.S.	1 100ml plastic	ice

TIME SAMPLES COLLECTED 1415
SAMPLE IDENTIFICATION CODING MW-30/~~032604~~ 032904
DUPLICATE IDENTIFICATION CODING
CHAIN OF CUSTODY RECORD NUMBERS
SAMPLING PERSONNEL ~~SDL/JMH~~ SDL/JMH
REMARKS Dedicated pump & tubing in well. Works.

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT: EMD

LOCATION: Highland

WEATHER: Partly, ≈ 45°F

PROJECT NUMBER: 100.58.15

DATE: 3/29/04

TIME SAMPLING BEGAN: 1344

TIME SAMPLING COMPLETED: 1500

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT: MW-31A

MEASURING POINT (MP): TOC

MP ELEVATION:

TOTAL DEPTH OF WELL BELOW MP: ~~61.90~~ 35.25

DEPTH TO WATER BELOW MP: 26.75

WATER LEVEL ELEVATION:

HEIGHT OF WATER COLUMN IN WELL: JB ~~35.15~~ 8.50

DIAMETER OF CASING: 2

WELL VOLUME: JB ~~5.59~~ 1.3 g

EVACUATION METHOD: Geotech

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1450	1.3	16.8°C	7.39	1321	>200	turbid, red,
1458	2.6	17.1°C	7.26	82.1	29.3	Lt. gray
1502	3.9	18.0°C	7.25	1262	26.5	clear

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL: 3.9 gal.

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3-40ml VOA	HCL
SVOC	2 1L AG	
TAL Metals	2-250ml PL	Nitric
TSS	1-" "	

TIME SAMPLES COLLECTED: 1507

SAMPLE IDENTIFICATION CODING: MW-31A/032904

DUPLICATE IDENTIFICATION CODING:

CHAIN OF CUSTODY RECORD NUMBERS:

SAMPLING PERSONNEL: SDL/JMH

REMARKS: Dedicated pump & tubing in well - works

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT EMD

LOCATION Cwtl, OH

WEATHER

PROJECT NUMBER W0-58-15

DATE 3/29/04

TIME SAMPLING BEGAN 1512

TIME SAMPLING COMPLETED 1550

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT MW-31C

MEASURING POINT (MP) TOC

MP ELEVATION

TOTAL DEPTH OF WELL BELOW MP 51.64

DEPTH TO WATER BELOW MP 31.66

WATER LEVEL ELEVATION

HEIGHT OF WATER COLUMN IN WELL 19.98

DIAMETER OF CASING 2"

WELL VOLUME 3.0 gal.

EVACUATION METHOD Bailer

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
15:21	3.0 g	14.5°C	10.80	569 µS	>200 NTU	

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION

TIME SAMPLES COLLECTED 1535

SAMPLE IDENTIFICATION CODING

DUPLICATE IDENTIFICATION CODING

CHAIN OF CUSTODY RECORD NUMBERS

SAMPLING PERSONNEL

REMARKS

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT _____

LOCATION _____

WEATHER _____

PROJECT NUMBER _____

DATE 3/29/04

TIME SAMPLING BEGAN 1512

TIME SAMPLING COMPLETED _____

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT MW 31 D

MEASURING POINT (MP) TOC

MP ELEVATION _____

TOTAL DEPTH OF WELL BELOW MP 61.50

DEPTH TO WATER BELOW MP 32.67

WATER LEVEL ELEVATION _____

HEIGHT OF WATER COLUMN IN WELL 28.83

DIAMETER OF CASING _____

WELL VOLUME 4.5 g

EVACUATION METHOD Grundfos

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1513	4.5 gal	16.4°C	7.73	913 µS	>200	Gray
1518	9.0 gal	16.7°C	7.62	923	44.5	Clear
1520	13.5 gal	16.8°C	7.63	914	41.5	Clear

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL _____

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION

TIME SAMPLES COLLECTED 1525

SAMPLE IDENTIFICATION CODING _____

DUPLICATE IDENTIFICATION CODING _____

CHAIN OF CUSTODY RECORD NUMBERS _____

SAMPLING PERSONNEL _____

REMARKS _____

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT: EMD
LOCATION: Highland Ave
WEATHER: Clear ≈ 50°F

PROJECT NUMBER: 100.58.15
DATE: 3/23/04
TIME SAMPLING BEGAN: 1338
TIME SAMPLING COMPLETED: 1414

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT: MW-42
MEASURING POINT (MP): TOC
TOTAL DEPTH OF WELL BELOW MP: 59.50
DEPTH TO WATER BELOW MP: 31.21
HEIGHT OF WATER COLUMN IN WELL: 28.29
WELL VOLUME: 4.5g
EVACUATION METHOD: Grundfos

MP ELEVATION:
WATER LEVEL ELEVATION:
DIAMETER OF CASING: 2

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1412	4.0g	17.7°C	8.07	1343uS		

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL: 4.0g

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3-40ml VOA	HCl ice
SVOC	2 1L AG	—
Metals	2 1L Pl	Nitric
TSS	100ml Pl	—

TIME SAMPLES COLLECTED: 1410
SAMPLE IDENTIFICATION CODING: MW42/032304
DUPLICATE IDENTIFICATION CODING:
CHAIN OF CUSTODY RECORD NUMBERS:
SAMPLING PERSONNEL: JPB, MRH

REMARKS: NO Dedicated Pump. Well Dry @ 4.0g. Left to Recharge & Sampled.

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT: CMD
LOCATION: Norwood
WEATHER: Cloudy 50°F

PROJECT NUMBER: 100.58.15
DATE: 3/30/04
TIME SAMPLING BEGAN: 0926
TIME SAMPLING COMPLETED:

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT: MW-43A
MEASURING POINT (MP): TOC
MP ELEVATION:
TOTAL DEPTH OF WELL BELOW MP: 53.26
DEPTH TO WATER BELOW MP: 35.10
WATER LEVEL ELEVATION:
HEIGHT OF WATER COLUMN IN WELL: 18.16
DIAMETER OF CASING: 2"
WELL VOLUME: 3
EVACUATION METHOD: DEDICATED GRUNDFOS

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
0954	3	17°C	7.82	557 µS		clear, No ODOR
1017	6	17.8°C	7.94	525 µS		" "
1028	9	19.1°C	7.89	504 µS		" "

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL:

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3-40mL	HCL ICE
SVOC	2-1LAG	-
Metals	1 2-500mL	HNO3
TSS	1-500mL	-

TIME SAMPLES COLLECTED: 1028
SAMPLE IDENTIFICATION CODING: MW-43A
DUPLICATE IDENTIFICATION CODING:
CHAIN OF CUSTODY RECORD NUMBERS:
SAMPLING PERSONNEL:

REMARKS:

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT: EMD
LOCATION: Highland P.C. ≅ 450°F
WEATHER: ↓

PROJECT NUMBER: 100.58.15
DATE: 3/29/04
TIME SAMPLING BEGAN: 1010
TIME SAMPLING COMPLETED: 1048

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT: MW 44
MEASURING POINT (MP): TOC
TOTAL DEPTH OF WELL BELOW MP: 52.50
DEPTH TO WATER BELOW MP: 28.07
HEIGHT OF WATER COLUMN IN WELL: 24.43
WELL VOLUME: 3.9
EVACUATION METHOD: Gravitress

MP ELEVATION:
WATER LEVEL ELEVATION:
DIAMETER OF CASING: 2"

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
10:27	4.0g	16.9°C	7.09	1207 uS	>200NTU	cloudy, brown
10:30	4.0g	16.3°C	7.08	1143 uS	>200NTU	" "
10:35	4.0g	16.0°C	7.18	1126 uS	>200NTU	" "

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL:

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3-40ml	HCL ice
SVOC	2-1L AG	—
DAT Metals	2-250ml HI	N.Ktrc ↓
TSS	1-250ml HI	—

TIME SAMPLES COLLECTED: 1040
SAMPLE IDENTIFICATION CODING: MW44/032904/MS/MSD
DUPLICATE IDENTIFICATION CODING: Dup01/032904
CHAIN OF CUSTODY RECORD NUMBERS:
SAMPLING PERSONNEL: MMH/JPB
REMARKS: MS/MSD Collected

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT EMD
LOCATION Cinti OH
WEATHER 40°F, p.cloudy

PROJECT NUMBER 100.58.15
DATE 3/23/04
TIME SAMPLING BEGAN ~~0955~~ 1030
TIME SAMPLING COMPLETED

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT MW-504
MEASURING POINT (MP) TOC
TOTAL DEPTH OF WELL BELOW MP ~~8.25~~ 8.52
DEPTH TO WATER BELOW MP 8.0
HEIGHT OF WATER COLUMN IN WELL ~~0.25~~ 0.52
WELL VOLUME ~~0.03~~ ~~0.13~~ 0.08
EVACUATION METHOD bailer

MP ELEVATION
WATER LEVEL ELEVATION
DIAMETER OF CASING 2"

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
1060 - VOCs	3 40ml VOAs	HCL, ice
SVOCs	2 1L. amber	ice
Metals ← T. 1345 D. 1110	2 500 mL. plastic	Nitric, ice
~~Hg~~ - TSS.	1 100mL plastic	ice

TIME SAMPLES COLLECTED R
SAMPLE IDENTIFICATION CODING MW-504/032304
DUPLICATE IDENTIFICATION CODING
CHAIN OF CUSTODY RECORD NUMBERS " "
SAMPLING PERSONNEL SDL/JMH

REMARKS No parameters collected due to low well volume, collect samples immediatley. Allow well to re-charge as needed to collect samples. - No dedicated pump in well.

3/30/04 1245
Return to Collect
SVOC & TSS

Collect FB02/033004
@ 1250

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT EMD
LOCATION CINTI OH
WEATHER 40°F, p. Cloudy

PROJECT NUMBER 100.58.15
DATE 3/24/04
TIME SAMPLING BEGAN ~~[illegible]~~ 0920
TIME SAMPLING COMPLETED 1020

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT MW-505A
MEASURING POINT (MP) TOC
TOTAL DEPTH OF WELL BELOW MP ~~[illegible]~~ 13.60
DEPTH TO WATER BELOW MP 3.05
HEIGHT OF WATER COLUMN IN WELL ~~[illegible]~~ 10.55
WELL VOLUME ~~[illegible]~~ 1.7
EVACUATION METHOD Grundfos

MP ELEVATION
WATER LEVEL ELEVATION
DIAMETER OF CASING 2"

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
932	1.7 gal.	11.1°C	7.16	994 µs.	186.6	turbid, brown, no odor
937	3.4 gal.	11.4°C	7.05	1469 µs.	23.5	Clearing, no odor
947	5.1 gal.	12.6°C	7.34	1473 µs	153.1	turbid, brown, no odor

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL 5.1 gal.

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOCs	3-40ml VOAs	HCL, ice
SVOCs	2 1L. amber	ice
Metals	2 500ml. plastic	nitric, ice
T.S.S.	1 100ml. plastic	ice

TIME SAMPLES COLLECTED ~~[illegible]~~ 0950
SAMPLE IDENTIFICATION CODING MW-505A/032404
DUPLICATE IDENTIFICATION CODING
CHAIN OF CUSTODY RECORD NUMBERS " "
SAMPLING PERSONNEL SDL/JMH

REMARKS Dedicated Grundfos pump not working, utilized reel type Grundfos pump. Well dry dry @ 4.5 gal. allowed to re-charge & collected 3rd parameter & sampled. Well dry @ 5.5 gal. allowed to re-charge & continued sampling. - Replaced lock & well requires a new 2" well cap.

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT EMD
LOCATION Cinti Oh
WEATHER 40°F p.cloudy

PROJECT NUMBER 100.58.15
DATE 3/24/04
TIME SAMPLING BEGAN 1045
TIME SAMPLING COMPLETED 1345

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT MW-505B
MEASURING POINT (MP) TOC
TOTAL DEPTH OF WELL BELOW MP 21.38
DEPTH TO WATER BELOW MP 6.68
HEIGHT OF WATER COLUMN IN WELL 14.70
WELL VOLUME 2.4 gal.
EVACUATION METHOD Dedicated pump/bailer

MP ELEVATION
WATER LEVEL ELEVATION
DIAMETER OF CASING 2"

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
11:02	2.4	16.3° C	7.22	1554 µs	18.7	clear/Lt. gray, no odor
1122	4.8	18.2°C	7.42	1593 µs	20.8	clear, no odor

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL 7.0 gal.

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOCs	3 40ml Vials	HCL, ice
SVOCs	2 1L. amber	ice
Metals	2 500ml plastic	nitric, ice
TSS.	1 100ml plastic	ice

TIME SAMPLES COLLECTED 1330
SAMPLE IDENTIFICATION CODING MW-505B/
DUPLICATE IDENTIFICATION CODING —
CHAIN OF CUSTODY RECORD NUMBERS " "
SAMPLING PERSONNEL SDL/JMH

REMARKS Dedicated Grundfos pump in well, pump working. Well dry @ 6.0 gallons, allowed to recharge & continue purge → sampling. Dedicated pump is bad. Removed pump.

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT EMD
LOCATION CINTI, OH
WEATHER 60°F, cloudy

PROJECT NUMBER 100.58.15
DATE ~~1530~~ 3/25/04 / 3/26/04
TIME SAMPLING BEGAN 1530 -
TIME SAMPLING COMPLETED 1600

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT MW-506
MEASURING POINT (MP) TOC
TOTAL DEPTH OF WELL BELOW MP 14.05
DEPTH TO WATER BELOW MP 12.86
HEIGHT OF WATER COLUMN IN WELL 1.19
WELL VOLUME 0.2
EVACUATION METHOD Bailer

MP ELEVATION
WATER LEVEL ELEVATION
DIAMETER OF CASING 2"

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
1540 VOCs	3 40ml VOA's	HCl, ice
3/26-0920 SVOCs	2 1L. amber	ice
1540 Metals	2 500ml plastic	nitric, ice
1540 TSS	1 100ml plastic	ice

1/25K

TIME SAMPLES COLLECTED 1540
SAMPLE IDENTIFICATION CODING MW-506/032504
DUPLICATE IDENTIFICATION CODING
CHAIN OF CUSTODY RECORD NUMBERS 153313
SAMPLING PERSONNEL SDL/MMH

REMARKS Dedicated tubing in well (for peristaltic pump) no pump in well. - Inadequate amount of water to purge & collect samples, collect samples only. Well dry after sampling for VOC's, D. metals, T. metals & T.S.S., will return for SVOC's. - Collected SVOC's (3/26/04) - well dry

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT EMD
LOCATION CINTI, OH
WEATHER 45°F, cloudy

PROJECT NUMBER 100.58.15
DATE 3/24/04
TIME SAMPLING BEGAN 1520
TIME SAMPLING COMPLETED 1555

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT MW-507
MEASURING POINT (MP)
TOTAL DEPTH OF WELL BELOW MP 19.30
DEPTH TO WATER BELOW MP 13.12
HEIGHT OF WATER COLUMN IN WELL 6.18
WELL VOLUME 1.0
EVACUATION METHOD Bailer

MP ELEVATION
WATER LEVEL ELEVATION
DIAMETER OF CASING 2"

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1531	1.0	16.3°C	7.60	1402 µS	>200	turbid, orange, no odor.
1534	2.0	13.8°C	7.45	1518 µS	>200	" " "

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL 2.0 gal.

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOCs	3 40 ml Vials	HCl, ice
SVOCs	2 1L. amber	ice
Metals	2 500 ml plastic	nitric, ice
TSS	1 100 ml plastic	ice

TIME SAMPLES COLLECTED 1540
SAMPLE IDENTIFICATION CODING MW-507/032404
DUPLICATE IDENTIFICATION CODING
CHAIN OF CUSTODY RECORD NUMBERS " "
SAMPLING PERSONNEL SDC/JMH

REMARKS Dedicated pump (air) in well. Unable to use pump. Well going dry @ 2.0 gal. - sampled.
Replaced well cap & lock.

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT EMD
LOCATION Cinti, OH
WEATHER 45°F, cloudy.

PROJECT NUMBER 100.58.15
DATE 3/24/04
TIME SAMPLING BEGAN 1210
TIME SAMPLING COMPLETED 1227

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT MW-508
MEASURING POINT (MP) TOC
TOTAL DEPTH OF WELL BELOW MP 36.50
DEPTH TO WATER BELOW MP 33.62
HEIGHT OF WATER COLUMN IN WELL 2.88
WELL VOLUME ~~0.5~~ 0.47
EVACUATION METHOD Bailer.

MP ELEVATION
WATER LEVEL ELEVATION
DIAMETER OF CASING 2"

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1212	0.5	17.1°C	7.55	1282 µs	>200	turbid, grey->clearing, no odor

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL Samples

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOCs	3 40 ml VOAs	HCl, ice
SVOCs	2 1 L. amber	ice
METALS	2 500 ml plastic	nitric, ice
TSS	1 100 ml plastic	ice

TIME SAMPLES COLLECTED 1215
SAMPLE IDENTIFICATION CODING MW-508/032404
DUPLICATE IDENTIFICATION CODING
CHAIN OF CUSTODY RECORD NUMBERS MW-508/032404
SAMPLING PERSONNEL SDL/JMH

REMARKS Dedicated pump & tubing in well, unable to access with equipment, utilized bailer. Unable to collect parameters due to minimal well volume, proceed directly to sample collection. Well dry @ completion of sampling.

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT: EMD

LOCATION: Norwood

WEATHER: Cloudy 50.

PROJECT NUMBER: 100.58.15

DATE: 3/30/09

TIME SAMPLING BEGAN: 0838

TIME SAMPLING COMPLETED:

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT: P-1

MEASURING POINT (MP): TOC

MP ELEVATION:

TOTAL DEPTH OF WELL BELOW MP: 30.67

DEPTH TO WATER BELOW MP: 25.54

WATER LEVEL ELEVATION:

HEIGHT OF WATER COLUMN IN WELL: 5.13

DIAMETER OF CASING: 2"

WELL VOLUME: 0.8

EVACUATION METHOD:

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
845	0.8	15.5	6.70	1424 µS	Clear	
848	1.6	16.4	6.74	1357 µS	" "	
851	2.4	17.0	6.73	1347 µS	" "	

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL:

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3-40mL	HCL Ice
SVOC	2-1L AG	— Ice
METALS	2-500mL T,D	HNO3 Ice
TSS	1-500	— Ice

TIME SAMPLES COLLECTED: 0852

SAMPLE IDENTIFICATION CODING: ~~MW~~ P-1/033009

DUPLICATE IDENTIFICATION CODING:

CHAIN OF CUSTODY RECORD NUMBERS:

SAMPLING PERSONNEL:

REMARKS:

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT EMD
LOCATION CINTI
WEATHER 45°F, cloudy, rain

PROJECT NUMBER 100-58.15
DATE 3/31/04
TIME SAMPLING BEGAN ~~0925~~ SDL 1110
TIME SAMPLING COMPLETED

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT P-6
MEASURING POINT (MP) TOC
TOTAL DEPTH OF WELL BELOW MP 54.0
DEPTH TO WATER BELOW MP ~~36.70~~ SDL 29.47
HEIGHT OF WATER COLUMN IN WELL ~~17.3~~ SDL 24.53
WELL VOLUME ~~7.8~~ SDL 4.0 gal.
EVACUATION METHOD Grundfos pump

MP ELEVATION
WATER LEVEL ELEVATION
DIAMETER OF CASING 2"

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
	4.0					

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
~~3 40ml glass~~ SDL VOC	3 40ml glass Vials	HCl, ice
SVOC	2 1L. amber glass	ice
Metals	2 100ml plastic	Nitric, ice
T.S.S.	1 100ml plastic	ice

TIME SAMPLES COLLECTED
SAMPLE IDENTIFICATION CODING P-6/033104
DUPLICATE IDENTIFICATION CODING DUP 02/033004, ~~MS~~ P-6/033104/MS, P-6/033104/MSD
CHAIN OF CUSTODY RECORD NUMBERS
SAMPLING PERSONNEL SDL/JMH

REMARKS ~~No dedicated pump or tubing, utilize PFI Reel Grundfos pump~~ SDL Collect Duplicate #02 & MS & MSD samples. Dedicated pump & tubing in well, pump does not work!
- Discontinue work @ 1155 due to unloading @ tank farm.

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT: EMD
LOCATION: Highland
WEATHER: Overcast ≈ 50°F

PROJECT NUMBER: 100.58.15
DATE: 4/4/04
TIME SAMPLING BEGAN: 1220
TIME SAMPLING COMPLETED: 1304

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT: P-6
MEASURING POINT (MP): TOC
TOTAL DEPTH OF WELL BELOW MP: 54.00
DEPTH TO WATER BELOW MP: 29.49
HEIGHT OF WATER COLUMN IN WELL: 25.41
WELL VOLUME: 3.9 g
EVACUATION METHOD: Grundfos

MP ELEVATION:
WATER LEVEL ELEVATION:
DIAMETER OF CASING: 2

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1241	3.9 g	16.4	8.88	793 uS	>200 ntu	Gray, Turbid
1245	3.9	14.5	8.22	859	>200 ntu	" "
1247	3.9	16.8	7.77	878	>200 ntu	" "
1250	3.9	15.6	7.70	611	>200 ntu	Clearer Less Turbid
1254	3.9	15.9	7.63	583	>200 ntu	Clearer " "

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL: 19.5 g

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	12 VOA	HCL, ice
SVOC	8 1L AG	—
T+D Metals	8 - 250 ml P	Nitric
TSS	4 - 250 ml P	—

TIME SAMPLES COLLECTED: 1255
SAMPLE IDENTIFICATION CODING: P-6/040104
DUPLICATE IDENTIFICATION CODING: Dup 02/040104
CHAIN OF CUSTODY RECORD NUMBERS: 122014
SAMPLING PERSONNEL: JPB, MMH

REMARKS:

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