GROUND WATER SAMPLING FORM

CLIENT/PROJECT: EMD CHEMICAL
LOCATION: CINCINNATI, OHIO
WEATHER: Sunny 80°F

PROJECT NUMBER: 100.58.21
DATE: 9/1/04
TIME SAMPLING BEGAN: 1049
TIME SAMPLING COMPLETED: 1105

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT: MW-4
MEASURING POINT (MP): TOC
TOTAL DEPTH OF WELL BELOW MP: 12.68
DEPTH TO WATER BELOW MP: 6.92
HEIGHT OF WATER COLUMN IN WELL: 5.76
WELL VOLUME: 0.9
EVACUATION METHOD: DISPOSABLE BAILER

MP ELEVATION:
WATER LEVEL ELEVATION:
DIAMETER OF CASING: 2" - STICK-UP

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1055	1.0	21.2°C	6.53	1418 µs	>200	DK. Gray, No Odor
1057	1.0	20.8°C	6.53	1510 µs	>200	" "
1059	1.0	20.7°C	6.54	~~1449~~ 1520 µs	>200	" "

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL: 3.0 gal

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC - REGION IX LIST	3-40mL	HCL, ICE

TIME SAMPLES COLLECTED: 1100
SAMPLE IDENTIFICATION CODING: MW4/090104
DUPLICATE IDENTIFICATION CODING: NA
CHAIN OF CUSTODY RECORD NUMBERS: 173934
SAMPLING PERSONNEL: CJC/SMH

REMARKS: - Remove pump, sample w/ bailer
- new lock
- Very good recharge. Full bails (3) each attempt.

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT: EMD CHEMICAL
LOCATION: CINCINNATI, OHIO
WEATHER: SUNNY 70°F

PROJECT NUMBER: 100.58.
DATE: 9/1/04
TIME SAMPLING BEGAN: ~~0930~~ CSC 1108
TIME SAMPLING COMPLETED: 1129

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT: MW-6
MEASURING POINT (MP): TOC
TOTAL DEPTH OF WELL BELOW MP: 14.83
DEPTH TO WATER BELOW MP: 12.23
HEIGHT OF WATER COLUMN IN WELL: 2.6
WELL VOLUME: 0.42
EVACUATION METHOD: DISPOSABLE BAILER

MP ELEVATION:
WATER LEVEL ELEVATION:
DIAMETER OF CASING: 2" - STICK UP

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1115	0.5	25.3	6.80	1127 µS	TURBID	COLOR
	SAMPLE	26.4	6.81	1117 µS	"	"

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL: 0.5

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC - REGION IX LIST APPENDIX	3-40ml	HCL, ICE

TIME SAMPLES COLLECTED: 1125
SAMPLE IDENTIFICATION CODING: MW-6 / 080104 FB01/080104 @ 1115
DUPLICATE IDENTIFICATION CODING: NA
CHAIN OF CUSTODY RECORD NUMBERS: 173934
SAMPLING PERSONNEL: CSC / JMH

REMARKS:
- NEW LOCK
- REMOVE TUBING, NO PUMP
- WELL DRY @ 0.5 gal. WAIT TO RECOVER & SAMPLE
- VERY SLOW RECHARGE. APPROX 1.5 ft IN 10 MINUTES

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT: EMD CHEMICAL
LOCATION: CINCINNATI, OHIO
WEATHER: Sunny 80°F

PROJECT NUMBER: 100.58.21
DATE: 9/1/04
TIME SAMPLING BEGAN: 1010
TIME SAMPLING COMPLETED: 1041

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT: MW-12
MEASURING POINT (MP): TOC
TOTAL DEPTH OF WELL BELOW MP: 25.10
DEPTH TO WATER BELOW MP: 19.70
HEIGHT OF WATER COLUMN IN WELL: 5.4
WELL VOLUME: 0.88
EVACUATION METHOD: DISPOSABLE BAILER

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

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1024	0.9	17.6	6.45	1566	7200,	BLACK w/ SUSPENDED PARTICLES
SAMPLE	1.0	17.4	6.71	1541	"	"

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL: 1 gal

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC - REGION IX LIST	12 3-40ml	HCL, ICE

TIME SAMPLES COLLECTED: 1035
SAMPLE IDENTIFICATION CODING: MW-12/090104, MW-12/090104/MS/MSD
DUPLICATE IDENTIFICATION CODING: DUPLICATE/090104
CHAIN OF CUSTODY RECORD NUMBERS: 173934
SAMPLING PERSONNEL: CSE/SMH

REMARKS: - WELL DRY 1.0 gal. WAIT TO RECOVER & SAMPLE (1025)
- NEW LOCK
- RECHARGE APPROX 2.0 ft IN 11 MINUTES

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT: EMD CHEMICAL
LOCATION: CINCINNATI, OHIO
WEATHER: SUNNY 75°F

PROJECT NUMBER: 100.58.
DATE: 9/1/04
TIME SAMPLING BEGAN: 0936
TIME SAMPLING COMPLETED: 0955

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT: MW-35
MEASURING POINT (MP): TOC
TOTAL DEPTH OF WELL BELOW MP: 32.95
DEPTH TO WATER BELOW MP: 28.41
HEIGHT OF WATER COLUMN IN WELL: 4.54
WELL VOLUME: 0.75
EVACUATION METHOD: BAILER

MP ELEVATION:
WATER LEVEL ELEVATION:
DIAMETER OF CASING: 2" - STICK UP

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
0946	0.75	17.1 °C	6.35	857	>200	DK. Brown, No Odor
0948	"	16.6 °C	6.51	853	"	" "
0950	"	16.5 °C	6.72	836	"	" "

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL: 2.25 gal

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC - Region IX List Appendix	3-40mL	HCL, Ice

TIME SAMPLES COLLECTED: 0952
SAMPLE IDENTIFICATION CODING: MW35/090104
DUPLICATE IDENTIFICATION CODING: —
CHAIN OF CUSTODY RECORD NUMBERS: 173934
SAMPLING PERSONNEL: GC / JMH

REMARKS: - Remove pump, sample w/ Bailer
- Good Recharge

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT: EMD CHEMICAL
LOCATION: CINCINNATI, OHIO
WEATHER: SUNNY 80°F

PROJECT NUMBER: 100.58.
DATE: 9/1/04
TIME SAMPLING BEGAN: 1130
TIME SAMPLING COMPLETED: 1155

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT: MW-30Z
MEASURING POINT (MP): TOC
TOTAL DEPTH OF WELL BELOW MP: 32.24
DEPTH TO WATER BELOW MP: 27.57
HEIGHT OF WATER COLUMN IN WELL: 4.67
WELL VOLUME: 3.0
EVACUATION METHOD:

MP ELEVATION:
WATER LEVEL ELEVATION:
DIAMETER OF CASING: ~~2"~~ 4"

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1142	3	22.1°C	6.10	1717 µs	>200	Black, Odor
SAMPLE	~~6~~ 9	21.4	6.11	2.63 MS	"	"

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL: 3.0 gal

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC - REGION IX LIST	3-40mL	HCL, ICE
APPROX	2	

TIME SAMPLES COLLECTED: 1152
SAMPLE IDENTIFICATION CODING: MW-30Z/090104
DUPLICATE IDENTIFICATION CODING: NA
CHAIN OF CUSTODY RECORD NUMBERS: 173934
SAMPLING PERSONNEL: CSK/SM

REMARKS: -WELL DRY @ 3 gal. WAIT TO RECOVER & SAMPLE
-RECHARGED APPROX 2.9 ft IN 10 MINUTES

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT: EMD Chemical
LOCATION: Norwood
WEATHER: Sunny 80°F

PROJECT NUMBER: 100.58.21
DATE: 9/1/09
TIME SAMPLING BEGAN: 1330
TIME SAMPLING COMPLETED: 1345

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT: WRPZ05
MEASURING POINT (MP): TOC
TOTAL DEPTH OF WELL BELOW MP: 5.00
DEPTH TO WATER BELOW MP: 1.78
HEIGHT OF WATER COLUMN IN WELL: 3.22
WELL VOLUME:
EVACUATION METHOD: Disposable Bailer

MP ELEVATION:
WATER LEVEL ELEVATION:
DIAMETER OF CASING: 1"

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1338	0.2	26.5°C	9.19	697 µs	>200	Cloudy, Lt. Brown

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL: 0.2 gal

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
Approved IX	3-40mL	HCL Ice

TIME SAMPLES COLLECTED: 1340
SAMPLE IDENTIFICATION CODING: WRPZ05/090109
DUPLICATE IDENTIFICATION CODING: —
CHAIN OF CUSTODY RECORD NUMBERS: 173934
SAMPLING PERSONNEL: CSR/SMH
REMARKS: Removed 0.2 gal. Collected Sample

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT EMD CHEMICAL
LOCATION CINCINNATI, OHIO
WEATHER Sunny 80°F

PROJECT NUMBER 100.58.21
DATE 9/1/04
TIME SAMPLING BEGAN 1330
TIME SAMPLING COMPLETED 1400

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT WRPZ20
MEASURING POINT (MP) TOC
TOTAL DEPTH OF WELL BELOW MP 20.00
DEPTH TO WATER BELOW MP 4.89
HEIGHT OF WATER COLUMN IN WELL 15.11
WELL VOLUME
EVACUATION METHOD BAILER

MP ELEVATION
WATER LEVEL ELEVATION
DIAMETER OF CASING ~~2"~~ 1"

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1350	1.0	20.4	7.66	612 µS	Brown	Cloudy 7200NTU

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL 1.0 gal

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC - REGION IX LIST APPENDIX	3-40mL	HCL, ICE

TIME SAMPLES COLLECTED 1355
SAMPLE IDENTIFICATION CODING WRPZ20/090104
DUPLICATE IDENTIFICATION CODING
CHAIN OF CUSTODY RECORD NUMBERS 173934
SAMPLING PERSONNEL CJK/JMH

REMARKS

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT EMD
LOCATION Norwood
WEATHER Sunny 75°F

PROJECT NUMBER 100.58.15
DATE 9/15/04
TIME SAMPLING BEGAN 0955
TIME SAMPLING COMPLETED 1022

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT [redacted] DPE-02
MEASURING POINT (MP) TOC
TOTAL DEPTH OF WELL BELOW MP 38.00
DEPTH TO WATER BELOW MP 31.48
HEIGHT OF WATER COLUMN IN WELL 6.52
WELL VOLUME 4.25
EVACUATION METHOD Disposable Bailer

MP ELEVATION
WATER LEVEL ELEVATION
DIAMETER OF CASING 4"

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
10	4.25	15.7°C	6.79	1539 µs	>200	DK Gray, No Odor

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL 5.0 gal

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC 8260	3-40ml	HCL, ICE

TIME SAMPLES COLLECTED 1017
SAMPLE IDENTIFICATION CODING
DUPLICATE IDENTIFICATION CODING
CHAIN OF CUSTODY RECORD NUMBERS
SAMPLING PERSONNEL JMH

REMARKS - Well began to go dry at 5.0 gal removed. Sampled.
- Replaced lock.

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT EMD
LOCATION Norwood
WEATHER Cloudy 65°

PROJECT NUMBER 100.58.21
DATE 9/28/04
TIME SAMPLING BEGAN 1110
TIME SAMPLING COMPLETED 1146

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT DW-001
MEASURING POINT (MP) TOC
TOTAL DEPTH OF WELL BELOW MP 30.46
DEPTH TO WATER BELOW MP 9.04
HEIGHT OF WATER COLUMN IN WELL 21.42
WELL VOLUME 3.50
EVACUATION METHOD Disposable bailer

MP ELEVATION
WATER LEVEL ELEVATION
DIAMETER OF CASING 2"

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1128	3.5	19.2 °C	7.34	1068 µs	>200	Lt. Brown, No Odor, Cloudy
1138	3.0	16.9 °C	7.15	1137 µs	"	" " "

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL 6.5

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3-40mL VOA's	HCL Ice

TIME SAMPLES COLLECTED 1142
SAMPLE IDENTIFICATION CODING DW001/092804
DUPLICATE IDENTIFICATION CODING
CHAIN OF CUSTODY RECORD NUMBERS
SAMPLING PERSONNEL MMH/JMH

REMARKS Well began going dry during 2nd parameter. Sampled.

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT EMD
LOCATION Norwood
WEATHER Sunny 70°

PROJECT NUMBER 100-58.21
DATE 9/28/04
TIME SAMPLING BEGAN 1115
TIME SAMPLING COMPLETED 1140

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT DW-002
MEASURING POINT (MP) TOC
TOTAL DEPTH OF WELL BELOW MP 27.83
DEPTH TO WATER BELOW MP 11.11
HEIGHT OF WATER COLUMN IN WELL 16.72
WELL VOLUME 2.7
EVACUATION METHOD Disposable Bailer

MP ELEVATION
WATER LEVEL ELEVATION
DIAMETER OF CASING 2"

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1125	2.75	15.5°C	7.11	854 µS	>200NTU	cloudy, grey
1133	1.5	16.1°C	7.11	848 µS	" "	" "

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL 4.25

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3-40mL VOA's	HCL Ice

TIME SAMPLES COLLECTED 1135
SAMPLE IDENTIFICATION CODING DW002/092804
DUPLICATE IDENTIFICATION CODING
CHAIN OF CUSTODY RECORD NUMBERS
SAMPLING PERSONNEL MMH/[illegible]
REMARKS well dry after 4.25 gallons removed, took parameters; sampled

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT EMD

LOCATION Norwood

WEATHER Sunny 65°

PROJECT NUMBER 100.58.21

DATE 9/28/04

TIME SAMPLING BEGAN 1020

TIME SAMPLING COMPLETED 1050

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT DW-003

MEASURING POINT (MP) TOC

TOTAL DEPTH OF WELL BELOW MP 29.33

DEPTH TO WATER BELOW MP 10.11

HEIGHT OF WATER COLUMN IN WELL 19.22

WELL VOLUME 3.0

EVACUATION METHOD Disposable bailer

MP ELEVATION

WATER LEVEL ELEVATION

DIAMETER OF CASING 2"

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1035	3.0	14.8°C	7.28	848 uS	>200NTU	cloudy, grey
1045	2.5	15.3°C	7.16	838 uS	" "	" "

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL 5.5

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3-40mL VOA's	HCL Ice

TIME SAMPLES COLLECTED 1047

SAMPLE IDENTIFICATION CODING DW003/092804

DUPLICATE IDENTIFICATION CODING

CHAIN OF CUSTODY RECORD NUMBERS

SAMPLING PERSONNEL MMH/[illegible]

REMARKS Well dry after 5.5 gallons removed, took parameters, sampled.

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT EMD

LOCATION Norwood

WEATHER Cloudy 65°

PROJECT NUMBER 100.58.21

DATE 9/28/04

TIME SAMPLING BEGAN 0980

TIME SAMPLING COMPLETED 1018

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT DW-004

MEASURING POINT (MP) TOC

TOTAL DEPTH OF WELL BELOW MP 42.44

DEPTH TO WATER BELOW MP 27.45

HEIGHT OF WATER COLUMN IN WELL 14.99

WELL VOLUME 2.4

EVACUATION METHOD Disposable bailer

MP ELEVATION

WATER LEVEL ELEVATION

DIAMETER OF CASING 2"

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1000	2.5	15.0°C	7.05	867 uS	>200NTU	cloudy, grey
1011	1.5	15.2°C	7.23	803 uS	>200NTU	" "

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL 4.0 g

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3-40 mL VOA's	HCL Ice

TIME SAMPLES COLLECTED 1015

SAMPLE IDENTIFICATION CODING DW004/092804

DUPLICATE IDENTIFICATION CODING

CHAIN OF CUSTODY RECORD NUMBERS

SAMPLING PERSONNEL MMH/CSK

REMARKS well dry after 4.0 gallons removed, took parameter; sampled.

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT EMD

LOCATION Norwood

WEATHER Sunny 75°F

PROJECT NUMBER 100.58.21

DATE 9/28/04

TIME SAMPLING BEGAN 0945

TIME SAMPLING COMPLETED 1000

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT WRPZ-05

MEASURING POINT (MP) TOC

TOTAL DEPTH OF WELL BELOW MP 5.0

DEPTH TO WATER BELOW MP 3.8

HEIGHT OF WATER COLUMN IN WELL 1.2

WELL VOLUME 0.05

EVACUATION METHOD Disposable bailer

MP ELEVATION

WATER LEVEL ELEVATION

DIAMETER OF CASING 1"

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL 120 mL

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3-40 mL VOA's	HCL Ice

TIME SAMPLES COLLECTED 0955

SAMPLE IDENTIFICATION CODING WRPZ05/092804

DUPLICATE IDENTIFICATION CODING

CHAIN OF CUSTODY RECORD NUMBERS

SAMPLING PERSONNEL MMH/JMH

REMARKS Well going dry. Sampled

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT EMD

LOCATION Norwood

WEATHER Sunny 75°F

PROJECT NUMBER 100.58.21

DATE 9/28/04

TIME SAMPLING BEGAN 1008

TIME SAMPLING COMPLETED 1029

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT WRP2-10

MEASURING POINT (MP) TOC

TOTAL DEPTH OF WELL BELOW MP 10.0

DEPTH TO WATER BELOW MP 3.55

HEIGHT OF WATER COLUMN IN WELL 6.45

WELL VOLUME 0.25

EVACUATION METHOD Disposable bailer

MP ELEVATION

WATER LEVEL ELEVATION

DIAMETER OF CASING 1"

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1019	.25	21.9°C	6.21	1067 µs	>200	Lt Gray, No Odor
1022	.25	20.8°C	6.44	1162 µs	"	" "

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL .5

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3-40mL VOA's	HCL Ice

TIME SAMPLES COLLECTED 1025

SAMPLE IDENTIFICATION CODING WRP210/092804

DUPLICATE IDENTIFICATION CODING

CHAIN OF CUSTODY RECORD NUMBERS

SAMPLING PERSONNEL MMH/~~CSK~~ JMH

REMARKS Well going dry after second parameter. Sampled

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT EMD
LOCATION Norwood
WEATHER Sunny 75°F

PROJECT NUMBER 100.58.21
DATE 9/28/04
TIME SAMPLING BEGAN 1031
TIME SAMPLING COMPLETED 1045

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT WRPZ-15
MEASURING POINT (MP) TOC
TOTAL DEPTH OF WELL BELOW MP 15.0
DEPTH TO WATER BELOW MP 4.71
HEIGHT OF WATER COLUMN IN WELL 10.29
WELL VOLUME 0.42
EVACUATION METHOD Disposable bailer

MP ELEVATION
WATER LEVEL ELEVATION
DIAMETER OF CASING 1"

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1038	.40	21.0°C	8.01	764 µs	>200	Lt. Gray, No Odor

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL .4

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3-40 mL VOA's	HCL Ice

TIME SAMPLES COLLECTED 1041
SAMPLE IDENTIFICATION CODING ~~WRP~~ WRPZ15/092804
DUPLICATE IDENTIFICATION CODING
CHAIN OF CUSTODY RECORD NUMBERS
SAMPLING PERSONNEL MMH/~~CSK~~ JMH

REMARKS Well going dry after 1st parameter. Sampled.

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT EMD
LOCATION Norwood
WEATHER Sunny 75°f

PROJECT NUMBER 100.58.21
DATE 9/28/04
TIME SAMPLING BEGAN 1047
TIME SAMPLING COMPLETED 1100

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT WRPZ-20
MEASURING POINT (MP) TOC
TOTAL DEPTH OF WELL BELOW MP 20.0
DEPTH TO WATER BELOW MP 5.89
HEIGHT OF WATER COLUMN IN WELL 14.11
WELL VOLUME 0.6
EVACUATION METHOD Disposable bailer

MP ELEVATION
WATER LEVEL ELEVATION
DIAMETER OF CASING 1"

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1052	.25	21.8°C	7.32	900 µS	>200	Lt. Gray, Clearing, No Odor

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL .25

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3-40 mL VOA's	HCL Ice

TIME SAMPLES COLLECTED 1056
SAMPLE IDENTIFICATION CODING WRPZ20/092804
DUPLICATE IDENTIFICATION CODING
CHAIN OF CUSTODY RECORD NUMBERS
SAMPLING PERSONNEL MMH/~~[illegible]~~ SMH
REMARKS Well began going dry during 1st parameter. Sampled.

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Micro-Purge
GROUND WATER SAMPLING FORM

The Payne Firm, Inc.
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GENERAL INFORMATION

Client/Project: EMD
Location: Norwood
Weather: Sunny 65°
Sampling Point Identification: DW001

Project Number: 100.58.21
Date: 10/28/04
Time Sampling Began: 1310
Time Sampling Completed: 1348

EVALUATION DATA

Total Depth of Well Below MP: 30.45
Depth of Water Below MP: 9.33
Height of Water Column in Well: 21.12

Well Volume: 3.4.
Evacuation Method: Micropurge
Diameter of Casing: 2"

FIELD PARAMETERS

		TIME	TEMP	pH	COND mS/L	CLARITY	W.L.
~~Time:~~	1	1313	63.72 °F	6.78	1.435	>200	9.18
~~Volume Removed:~~	2	1316	63.31	6.47	1.435	"	10.20
~~Temp. (°F or °C):~~	3	1319	62.66	6.08	1.429	"	11.24
~~CND (µS/cm):~~	4	1322	62.26	5.79	1.429	"	11.94
~~TDS (g/L):~~	5	1325	62.61	5.83	1.427	"	12.48
~~DO (%):~~	6	1328	62.69	5.89	1.427	"	12.94
~~pH (su):~~	7	1331	62.72	5.91	1.428	"	13.68
~~ORP (mV):~~	8	1334	63.14	5.90	1.426	"	14.18
~~SpC (µS/cm):~~	9	1337	63.28	5.83	1.429	"	14.75
~~RES (KOhm*cm):~~	10	1340	63.01	5.72	1.427	"	15.42
~~SAL (ppt):~~							
~~DO (mg/L):~~							
~~pH (mV):~~							
~~Turbidity (NTU):~~							

Comments:

SAMPLE INFORMATION

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION

Sampling Personnel/Time Samples Collected: MMH/JMH 1342
Sample Identification Coding/Duplicate Identification Coding: DW001/102904

Remarks: 18psi / 1.5 gal. removed

MICRO-PURGE
GROUND WATER SAMPLING FORM

The Payne Firm, Inc.
Environmental Consultants

GENERAL INFORMATION

Client/Project: EMD
Location: Norwood
Weather: sunny 60°
Sampling Point Identification: DW002
Project Number: 100.58.21
Date: 10/28/04
Time Sampling Began: 1020
Time Sampling Completed: 1120

EVALUATION DATA

Total Depth of Well Below MP: 27.93
Depth of Water Below MP: 11.19
Height of Water Column in Well: 16.76
Well Volume: 2.7
Evacuation Method: M.zropurge
Diameter of Casing: 2"

FIELD PARAMETERS

		TIME	TEMP	pH	COND mS/c	CLARITY	W.L.
~~Time:~~	1	1047	62.8°F	7.51	1.08	>200	11.59
~~Volume Removed:~~	2	1050	62.0°F	7.24	1.10	>200	12.43
~~Temp. (°F or °C):~~	3	1053	62.0°F	7.00	1.10	>200	13.23
~~CND (µS/cm):~~	4	1056	62.2°F	6.87	1.10	>200	13.72
~~TDS (g/L):~~	5	1059	62.4°F	6.82	1.10	>200	14.68
~~DO (%):~~	6	1102	62.4°F	6.70	1.10	>200	15.26
~~pH (su):~~	7	1105	62.5°F	6.68	1.10	>200	15.98
~~ORP (mV):~~	8	1108	62.6°F	6.67	1.10	>200	16.54
~~SpC (µS/cm):~~	9	1111	62.8°F	6.70	1.10	>200	16.81
~~RES (KOhm*cm):~~	10	1114	63.2°F	6.72	1.10	>200	16.93
~~SAL (ppt):~~							
~~DO (mg/L):~~							
~~pH (mV):~~							
~~Turbidity (NTU):~~							

Comments:

SAMPLE INFORMATION

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3-40 ml VOA	HCL Ice

Sampling Personnel/Time Samples Collected: MMH / JMH 1116
Sample Identification Coding/Duplicate Identification Coding: DW002 / 102804

Remarks: 1.5 gal removed. Operating @ 19psi

MICRO-PURGE
GROUND WATER SAMPLING FORM

The Payne Firm, Inc.
Environmental Consultants

GENERAL INFORMATION

Client/Project: EMD
Location: Norwood
Weather: Sunny, 65°F
Sampling Point Identification: DW003
Project Number: 100.58.21
Date: 10/28/04
Time Sampling Began: 1128
Time Sampling Completed: 1220

EVALUATION DATA

Total Depth of Well Below MP: 29.40
Depth of Water Below MP: 15.20
Height of Water Column in Well: 14.20
Well Volume: 2.3
Evacuation Method: micro-purge
Diameter of Casing: 2"

FIELD PARAMETERS

		TIME	TEMP	pH	COND mS/c	CLARITY	W.L.
~~Time:~~	1	1147	60.7°F	7.46	1.11	>200	15.78
~~Volume Removed:~~	2	1150	60.48°F	7.22	1.11	>200	16.06
~~Temp. (°F or °C):~~	3	1153	60.28°F	7.08	1.11	>200	16.70
~~CND (µS/cm):~~	4	1156	60.15°F	7.03	1.11	>200	17.10
~~TDS (g/L):~~	5	1159	60.11°F	7.01	1.11	>200	17.81
~~DO (%):~~	6	1202	60.12°F	7.00	1.11	>200	18.23
~~pH (su):~~	7	1205	60.17°F	7.00	1.11	>200	18.74
~~ORP (mV):~~	8	1208	60.23°F	7.01	1.11	>200	19.17
~~SpC (µS/cm):~~	9	1211	60.19°F	7.01	1.11	>200	19.66
~~RES (KOhm*cm):~~	10	1214	60.22°F	7.00	1.11	>200	19.86
~~SAL (ppt):~~							
~~DO (mg/L):~~							
~~pH (mV):~~							
~~Turbidity (NTU):~~							

Comments:

SAMPLE INFORMATION

CONSTITUENTS SAMPLED	*SAMPLE CONTAINERS*	*FIELD PREPARATION*

Sampling Personnel/Time Samples Collected: JmH, mmH / 1217
Sample Identification Coding/Duplicate Identification Coding: DW003 / 102804

Remarks: 1.5 gal. removed (18-21 psi)

MICRO-PURGE
GROUND WATER SAMPLING FORM

The Payne Firm, Inc.
Environmental Consultants

GENERAL INFORMATION

Client/Project: EMD
Location: Norwood
Weather: Sunny, 65°F
Sampling Point Identification: DW004
Project Number: 100.58.21
Date: 10/28/04
Time Sampling Began: 1225
Time Sampling Completed:

EVALUATION DATA

Total Depth of Well Below MP: 42.44
Depth of Water Below MP: 31.72
Height of Water Column in Well: 10.72
Well Volume: 1.75
Evacuation Method: Micro-Purge
Diameter of Casing: 2"

FIELD PARAMETERS

		TIME	TEMP	pH	COND mS/c	CLARITY	W.L.
~~Time:~~	1	1227	60.37°F	7.31	1.05	>200	32.57
~~Volume Removed:~~	2	1230	59.74°F	7.15	1.04	"	33.03
~~Temp. (°F or °C):~~	3	1233	59.87°F	7.12	1.04	"	33.26
~~CND (µS/cm):~~	4	1236	60.08	7.11	1.048	"	33.49
~~TDS (g/L):~~	5	1239	60.05	7.08	1.051	"	33.81
~~DO (%):~~	6	1242	60.27	7.06	1.057	"	34.10
~~pH (su):~~	7	1245	60.19	7.03	1.065	"	34.38
~~ORP (mV):~~	8	1248	60.26	7.02	1.070	"	34.69
~~SpC (µS/cm):~~	9	1251	60.31	7.00	1.075	"	35.12
~~RES (KOhm*cm):~~	10	1254	60.39	6.99	1.078	"	35.22
~~SAL (ppt):~~							
~~DO (mg/L):~~							
~~pH (mV):~~							
~~Turbidity (NTU):~~							

Comments:

SAMPLE INFORMATION

CONSTITUENTS SAMPLED	*SAMPLE CONTAINERS*	*FIELD PREPARATION*

Sampling Personnel/Time Samples Collected: JMH, MMH / 1256
Sample Identification Coding/Duplicate Identification Coding: DW004 / 102804

Remarks: Operating @ 22 psi 1.5 gal removed

GROUND WATER SAMPLING FORM

CLIENT/PROJECT EMD

LOCATION Norwood (Rt. 562)

WEATHER Sunny/P.C. 65°F

PROJECT NUMBER 100.58.

DATE 10/28/04

TIME SAMPLING BEGAN 0930

TIME SAMPLING COMPLETED 0950

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT WRPZ-05

MEASURING POINT (MP) TOC

TOTAL DEPTH OF WELL BELOW MP 5.0'

DEPTH TO WATER BELOW MP 3.17

HEIGHT OF WATER COLUMN IN WELL 1.83

WELL VOLUME .08

EVACUATION METHOD Bailer

MP ELEVATION

WATER LEVEL ELEVATION

DIAMETER OF CASING 1"

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
0940	150 ml	61.9°F	6.88	.14 µs	>200	Cloudy, Lt. Brown, No Odor

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL 270 ml

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC 8260	3-40mL	HCL, ICE

TIME SAMPLES COLLECTED 0945

SAMPLE IDENTIFICATION CODING WRPZ-05/102804

DUPLICATE IDENTIFICATION CODING —

CHAIN OF CUSTODY RECORD NUMBERS

SAMPLING PERSONNEL JMH

REMARKS - Well going dry after 1st parameter.
- Sampled.

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Cincinnati, Ohio 45242

GROUND WATER SAMPLING FORM

CLIENT/PROJECT EMD

LOCATION Norwood (Rt 562)

WEATHER Sunny, 65°F

PROJECT NUMBER 100.58.

DATE 10/28/04

TIME SAMPLING BEGAN 0957

TIME SAMPLING COMPLETED 1010

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT WRPZ-10

MEASURING POINT (MP) TOC

TOTAL DEPTH OF WELL BELOW MP 10.00

DEPTH TO WATER BELOW MP 2.21

HEIGHT OF WATER COLUMN IN WELL 7.79

WELL VOLUME 0.32

EVACUATION METHOD Bailer

MP ELEVATION

WATER LEVEL ELEVATION

DIAMETER OF CASING 1"

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1005	150 ml	61.6°F	7.39	0.82 µs		Clear, No odor

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL 270 ml

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC 8260	3-40 ml	HCL, ICE

TIME SAMPLES COLLECTED 1008

SAMPLE IDENTIFICATION CODING WRPZ-10/102804

DUPLICATE IDENTIFICATION CODING —

CHAIN OF CUSTODY RECORD NUMBERS

SAMPLING PERSONNEL JMH

REMARKS Sampled after taking 1st parameter (well going dry.)

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Cincinnati, Ohio 45242

GROUND WATER SAMPLING FORM

CLIENT/PROJECT EMD
LOCATION Norwood (Rt. 562)
WEATHER Sunny, 65°F

PROJECT NUMBER 100.58.
DATE 10/28/04
TIME SAMPLING BEGAN 1013
TIME SAMPLING COMPLETED 1025

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT WRPZ-15
MEASURING POINT (MP) TOC
TOTAL DEPTH OF WELL BELOW MP 15.00
DEPTH TO WATER BELOW MP 5.36
HEIGHT OF WATER COLUMN IN WELL 9.64
WELL VOLUME 0.4
EVACUATION METHOD Bailer

MP ELEVATION
WATER LEVEL ELEVATION
DIAMETER OF CASING 1"

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1016	150 ml	62.9 °F	7.76	.58 µS	7200	Cloudy, Lt. Gray, No Odor

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL 270 ml

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC 8260	3 - 40 ml	HCL, ICE

TIME SAMPLES COLLECTED 1020
SAMPLE IDENTIFICATION CODING WRPZ-15/102804
DUPLICATE IDENTIFICATION CODING —
CHAIN OF CUSTODY RECORD NUMBERS
SAMPLING PERSONNEL JMH

REMARKS Sampled after 1st parameter was taken - Well going dry

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT EMD
LOCATION Norwood
WEATHER Sunny 60°

PROJECT NUMBER 100.58.21
DATE 10/28/04
TIME SAMPLING BEGAN 0930
TIME SAMPLING COMPLETED 0950

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT WRP220
MEASURING POINT (MP) TOC
TOTAL DEPTH OF WELL BELOW MP 20
DEPTH TO WATER BELOW MP 5.65
HEIGHT OF WATER COLUMN IN WELL 14.35
WELL VOLUME .5
EVACUATION METHOD disposable bailer

MP ELEVATION
WATER LEVEL ELEVATION
DIAMETER OF CASING 1"

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
0940	.5	58.74°F	6.91	0.01 mS	100 NTU	

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL .5

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3-40mL VOA	HCL Ice

TIME SAMPLES COLLECTED 0946
SAMPLE IDENTIFICATION CODING WRP220/102804
DUPLICATE IDENTIFICATION CODING
CHAIN OF CUSTODY RECORD NUMBERS
SAMPLING PERSONNEL MMH

REMARKS well dry after 1st parameter. Sample taken.

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Cincinnati, Ohio 45242

GROUND WATER SAMPLING FORM

The Payne Firm, Inc.
Environmental Consultants

GENERAL INFORMATION

Client/Project: EMD
Location: Norwood
Weather: Cloudy 50°F
Sampling Point Identification: P-6

Project Number: 100.58.15
Date: 11/11/04
Time Sampling Began: 1110
Time Sampling Completed: 1215

EVALUATION DATA

Total Depth of Well Below MP: 54.00
Depth of Water Below MP: 29.15
Height of Water Column in Well: 24.85

Well Volume: 4.05
Evacuation Method: Micro purge
Diameter of Casing: 2"

FIELD PARAMETERS

	Time	W.L.	PH.	COND	TEMP.	ORP.	DO mg/L
~~Time:~~	1134	29.86	10.39	1.097 µS.	63.89°F	-15.2	5.53
~~Volume Removed:~~	1137	29.75	9.47	1.111	63.54	-34.2	3.72
~~Temp. (°F or °C):~~	1140	29.77	9.24	1.115	63.16	-47.7	3.12
~~CND (µS/cm):~~	1143	29.76	9.21	1.116	63.07	-49.0	3.00
~~TDS (g/L):~~	1146	29.76	9.20	1.117	62.95	-51.1	2.89
~~DO (%):~~	1149	29.75	9.22	1.117	62.94	-56.1	2.79
~~pH (su):~~	1152	29.75	9.24	1.117	62.96	-59.1	2.87
~~ORP (mV):~~	1155	29.74	9.26	1.118	62.98	-63.9	2.63
~~SpC (µS/cm):~~	1158	29.75	9.27	1.118	63.03	-67.4	2.57
~~RES (KOhm*cm):~~	1201	29.75	9.29	1.119	62.95	-69.5	2.48
~~SAL (ppt):~~							
~~DO (mg/L):~~							
~~pH (mV):~~							
~~Turbidity (NTU):~~							

Comments:

SAMPLE INFORMATION

CONSTITUENTS SAMPLED	*SAMPLE CONTAINERS*	*FIELD PREPARATION*
VOC	3-40 mL VOA	HCL, ice

Sampling Personnel/Time Samples Collected: MMH, JMH / 1205
Sample Identification Coding/Duplicate Identification Coding:

Remarks: