GROUND WATER SAMPLING FORM

CLIENT/PROJECT: EMPC
LOCATION: Norwood
WEATHER: Sunny 80°F

PROJECT NUMBER: 100.58.15
DATE: 9/3/03
TIME SAMPLING BEGAN: 1515
TIME SAMPLING COMPLETED: 1550

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: 4.31
HEIGHT OF WATER COLUMN IN WELL: 12.59
WELL VOLUME: 2.0
EVACUATION METHOD: Disposable Bailer

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

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1536	2	17.5	7.38	1649 µmhos	>200	Red / Rusty color
1539	4	16.1	7.36	1627 µmhos	>200	" "
	6 gal 9/3/03					

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL: 4.0

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3-40mL	HCL Ice
SVOC	2-1L AG	Ice

TIME SAMPLES COLLECTED: 1545
SAMPLE IDENTIFICATION CODING:
DUPLICATE IDENTIFICATION CODING:
CHAIN OF CUSTODY RECORD NUMBERS:
SAMPLING PERSONNEL:

REMARKS: Well dry @ 4.0 gal. Wait to recharge & sample

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT: EMDC
PROJECT NUMBER: 100.88.5
LOCATION: Norwood
DATE: 9/4/03
WEATHER: Sunny 75°F
TIME SAMPLING BEGAN: 1330
TIME SAMPLING COMPLETED:

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT: MW-11 C
MEASURING POINT (MP): TOC
MP ELEVATION:
TOTAL DEPTH OF WELL BELOW MP: 51.47
DEPTH TO WATER BELOW MP: 31.93
WATER LEVEL ELEVATION:
HEIGHT OF WATER COLUMN IN WELL: 19.54
DIAMETER OF CASING: 2"
WELL VOLUME: 3.2
EVACUATION METHOD: BAILER

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1350	3.2	17.3	10.74	40 µs	cloudy	>200 NTU
1356	6.4	16.8	7.89	833 µs	"	"
1402	9.6	16.7	7.90	835 µs	"	"

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL: 10 gal

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3-40mL	HCL Ice
SVOC	2-1L AG	Ice

TIME SAMPLES COLLECTED: 1405
SAMPLE IDENTIFICATION CODING: MW-11C / 090403
DUPLICATE IDENTIFICATION CODING:
CHAIN OF CUSTODY RECORD NUMBERS:
SAMPLING PERSONNEL: LSK / SPO

REMARKS:

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT: EMDC
LOCATION: NORWOOD
WEATHER: CLOUDY 70°F

PROJECT NUMBER: 100.58.15
DATE: 9/2/03
TIME SAMPLING BEGAN: 1400
TIME SAMPLING COMPLETED: 1450

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT: MW-15
MEASURING POINT (MP): TOC
TOTAL DEPTH OF WELL BELOW MP: 28.62
DEPTH TO WATER BELOW MP: 26.45
HEIGHT OF WATER COLUMN IN WELL: 2.17
WELL VOLUME: 0.35
EVACUATION METHOD: PERISTALIC PUMP

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

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1419	0.35	24.7	7.45	968 µS	>200	BLACK
	0.70					
	1.05					

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL: 0.35 gal

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3-40ml	Ice HCL
SVOC	2-1L AG	Ice
TSS	1-100PL	Ice
METALS	2-1L PL	HNO3 Ice

TIME SAMPLES COLLECTED: 1430
SAMPLE IDENTIFICATION CODING: MW-15/090203
DUPLICATE IDENTIFICATION CODING:
CHAIN OF CUSTODY RECORD NUMBERS:
SAMPLING PERSONNEL: CSK JDB

REMARKS: - PERISTALTIC PUMP, WELL DRY @ 0.35 gal
- ALLOW TO RECHARGE & SAMPLE

COLLECTED METALS AND TSS ON 9/3/03 @ 0845
TURBIDITY ~100 NTU

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT: EMDC
LOCATION: NORWOOD
WEATHER: CLOUDY 70°F

PROJECT NUMBER: 100.58.12
DATE: 9/2/03
TIME SAMPLING BEGAN: 1400
TIME SAMPLING COMPLETED: 9/3/03 @ 0830

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: 35.35
HEIGHT OF WATER COLUMN IN WELL: 18.36
WELL VOLUME: 3.0
EVACUATION METHOD: GRUNDFOS PUMP

MP ELEVATION:
WATER LEVEL ELEVATION:
DIAMETER OF CASING:

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1423	3	23.7	9.43	707 µs	8.5	CLEAR
1434	6	29.6	8.29	805 µs	12.2	CLEAR
	9					

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL: 6.0

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3-40mL	HCL ICE
SVOC	2-1L AG	ICE
TSS	1-100 PL	— ICE
METALS	2-1L AG	HNO_3 ICE

TIME SAMPLES COLLECTED: 0830 @ 09/03/03 Return @ 1600 FOR METALS
SAMPLE IDENTIFICATION CODING: MW-15B/090303
DUPLICATE IDENTIFICATION CODING: —
CHAIN OF CUSTODY RECORD NUMBERS:
SAMPLING PERSONNEL: SPB

REMARKS: GRUNDFOS - WELL DRY @ 6.0 GALLONS
WAIT TO RECHARGE & SAMPLE

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT: EMDC
LOCATION: Norwood
WEATHER: Cloudy 60°F

PROJECT NUMBER: 100.58.15
DATE: 9/4/03
TIME SAMPLING BEGAN: 0930
TIME SAMPLING COMPLETED: 1115

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT: MW-17
MEASURING POINT (MP): TOC
TOTAL DEPTH OF WELL BELOW MP: 44.56
DEPTH TO WATER BELOW MP: 27.12
HEIGHT OF WATER COLUMN IN WELL: 17.44
WELL VOLUME: 2.8
EVACUATION METHOD: Grundfos

MP ELEVATION:
WATER LEVEL ELEVATION:
DIAMETER OF CASING:

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
	3					
	6	Log 9/4/03				
	9					

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL: 2.5 + Sample

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

TIME SAMPLES COLLECTED: 1030
SAMPLE IDENTIFICATION CODING:
DUPLICATE IDENTIFICATION CODING:
CHAIN OF CUSTODY RECORD NUMBERS:
SAMPLING PERSONNEL:

REMARKS: 1000 Well Dry @ 2.5 gallons. Wait for Recharge to sample

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT: EMDC
PROJECT NUMBER: 100.58.15
LOCATION: NORWOOD
DATE: 9/3/03
WEATHER: CLOUDY 70°F
TIME SAMPLING BEGAN: ~~1325~~ 0945
TIME SAMPLING COMPLETED: 1045

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT: MW-18
MEASURING POINT (MP): TOC
MP ELEVATION:
TOTAL DEPTH OF WELL BELOW MP: 45.33
DEPTH TO WATER BELOW MP: 40.9
WATER LEVEL ELEVATION:
HEIGHT OF WATER COLUMN IN WELL: 4.43
DIAMETER OF CASING: 2"
WELL VOLUME: 0.72
EVACUATION METHOD: ~~GRUNDFOS~~ DISPOSABLE BAILER

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
0955	0.75	17.5°C	7.47	794 µS	>200	LIGHT BROWN
	~~1.50~~ CSK 9/3/03					
	~~2.25~~					

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL: 0.75 + SAMPLE

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3-40 ml	ICE HCL
SVOC	2-1 L AG	↓
METALS	2-1 L PL	HNO3
TSS	1-100 ml PL	ICE

TIME SAMPLES COLLECTED: 1020
SAMPLE IDENTIFICATION CODING: MW-18/090303
DUPLICATE IDENTIFICATION CODING: —
CHAIN OF CUSTODY RECORD NUMBERS:
SAMPLING PERSONNEL: CSK/JPD

REMARKS: PISTON PUMP - WILL RETURN / 090303 - REMOVE PISTON PUMP. SAMPLE w/ DISPOSABLE BAILER. WELL DRY @ 0.75 gallons. WILL SAMPLE w/ RECHARGE

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT: EMDC
LOCATION: NORWOOD
WEATHER: SUNNY 62°F

PROJECT NUMBER: 100.58.15
DATE: 9/9/03
TIME SAMPLING BEGAN: 1300
TIME SAMPLING COMPLETED: 1400

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT: MW-23
MEASURING POINT (MP): TOC
TOTAL DEPTH OF WELL BELOW MP: 39.5
DEPTH TO WATER BELOW MP: 36.52
HEIGHT OF WATER COLUMN IN WELL: 2.98
WELL VOLUME: .48
EVACUATION METHOD: BAILER

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

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1309	0.50	18.4	7.77	835 µS	CLOUDY	>200 BROWNISH
1312	1.0	18.5	7.72	836 µS	"	"
	1.5					

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL: 1.0

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3-40mL	HCL ICE
SVOC	2-1LAG	
METALS	2-1L RC	HNO3
TSS	1-100mL	

TIME SAMPLES COLLECTED: 1335
SAMPLE IDENTIFICATION CODING: MW-23/090903
DUPLICATE IDENTIFICATION CODING:
CHAIN OF CUSTODY RECORD NUMBERS:
SAMPLING PERSONNEL:

REMARKS: WELL DRY @ 1.0 gal. WAIT FOR RECHARGE TO SAMPLE

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT: PMDC
LOCATION: NORWOOD
WEATHER: Cloudy 75°F

PROJECT NUMBER: 100.58.19
DATE: 9/3/03
TIME SAMPLING BEGAN: 1425
TIME SAMPLING COMPLETED: 1505

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT: MW-24
MEASURING POINT (MP): TOC
TOTAL DEPTH OF WELL BELOW MP: 58.5
DEPTH TO WATER BELOW MP: 38.68
HEIGHT OF WATER COLUMN IN WELL: 19.82
WELL VOLUME: 3.25
EVACUATION METHOD: GRUNDFOS

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

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1430	3.25	60.7	7.58	1122 µS	52.6	CLEAR
	~~6.50~~ 9.75 CSK 9/3/03					

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL: 3.0

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	6-40mL	4°C Ice
SVOC	4-1LAG	Ice

TIME SAMPLES COLLECTED: 1500
SAMPLE IDENTIFICATION CODING: MW-24/090303
DUPLICATE IDENTIFICATION CODING: DUP01/090303
CHAIN OF CUSTODY RECORD NUMBERS:
SAMPLING PERSONNEL: CSK SDB

REMARKS: Well Dry @ 3.0 gal. water to Recover for Sample
Collect Field Blank @ 1440

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT: EMDC
LOCATION: Norwood
WEATHER: Cloudy 75°F

PROJECT NUMBER: 100.58.15
DATE: 8/3/03
TIME SAMPLING BEGAN: 1215
TIME SAMPLING COMPLETED: 1240

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT: MW-26
MEASURING POINT (MP): TOC
TOTAL DEPTH OF WELL BELOW MP: 41.98
DEPTH TO WATER BELOW MP: 30.90
HEIGHT OF WATER COLUMN IN WELL: 11.08
WELL VOLUME: 1.8
EVACUATION METHOD: Grundfos

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

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1230	1.8	19.8	7.59	1018 µ	78.9	
1232	3.6	19.1	7.65	1013 µ	130.1	
1234	5.4	19.1	7.65	1000 µ	97.0	

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL: 6.0

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3-40ml	
SVOC	2-1L Amb	

TIME SAMPLES COLLECTED: 1235
SAMPLE IDENTIFICATION CODING: MW-26/090303
DUPLICATE IDENTIFICATION CODING: —
CHAIN OF CUSTODY RECORD NUMBERS:
SAMPLING PERSONNEL: LSK SRS

REMARKS:

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT: DMDC
LOCATION: Norwood
WEATHER: Cloudy 75°F

PROJECT NUMBER: 100.58.15
DATE: 9/3/03
TIME SAMPLING BEGAN: 1246
TIME SAMPLING COMPLETED: 1326

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT: MW-26A
MEASURING POINT (MP): TOC
TOTAL DEPTH OF WELL BELOW MP: 60.47
DEPTH TO WATER BELOW MP: 30.31
HEIGHT OF WATER COLUMN IN WELL: 30.16
WELL VOLUME: 4.9
EVACUATION METHOD: ~~BAILER~~ GRUNDFOS

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

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1303	5	18.0	7.19	1710 µS	45.2	CLEAR
1310	10	18.9	7.28	1512 µS	7.4	CLEAR
1315	15	18.8	7.30	1560 µS	3.7	

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL: 15 gal

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3 ~ 40mL	HCL Ice
SVOC	2 - 1LAG	Ice

TIME SAMPLES COLLECTED: 1316
SAMPLE IDENTIFICATION CODING: MW-26A/090303
DUPLICATE IDENTIFICATION CODING: –
CHAIN OF CUSTODY RECORD NUMBERS:
SAMPLING PERSONNEL: CSC SDB

REMARKS: HIGH RECHARGE

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT: EMDC
LOCATION: Norwood
WEATHER: Cloudy 75°F

PROJECT NUMBER: 100.58.15
DATE: 9/3/03
TIME SAMPLING BEGAN: 1340
TIME SAMPLING COMPLETED: 1415

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: 8.75
HEIGHT OF WATER COLUMN IN WELL: 12.53
WELL VOLUME: 2.0
EVACUATION METHOD: Grundfos

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

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1351	2	20.1	7.51	1623 µs	61.8	Cloudy
1400	4	20.8	7.55	1604 µs	22.2	
1407	6	20.9	7.55	1619 µs	20.7	

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL: 6.0 + Sample

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3-40mL	HCL ICE
SVOC	2-1L AG	
METALS	2-1L PL	HNO3
TSS	1-100mL PL	

TIME SAMPLES COLLECTED: 1407
SAMPLE IDENTIFICATION CODING: MW-27/090303
DUPLICATE IDENTIFICATION CODING:
CHAIN OF CUSTODY RECORD NUMBERS:
SAMPLING PERSONNEL: SK/JPD

REMARKS:

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT: FMDC
LOCATION: Norwood
WEATHER: Sunny 70°F

PROJECT NUMBER: 100.58.13
DATE: 9/4/03
TIME SAMPLING BEGAN: 1205
TIME SAMPLING COMPLETED: 1315

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: 35.18
HEIGHT OF WATER COLUMN IN WELL: 37.32
WELL VOLUME: 6.0
EVACUATION METHOD: Grundfos / Bailer

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

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1233	6.0	25.4	10.32	607µs	148.8	cloudy
1306	12.0	19.8	8.62	593	>200	
	18.0					

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL: 12 gal

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3-40ml	HCL Ice
SVOC	2-1LAG	Ice

TIME SAMPLES COLLECTED: 1310
SAMPLE IDENTIFICATION CODING: MW-30 / 090403
DUPLICATE IDENTIFICATION CODING:
CHAIN OF CUSTODY RECORD NUMBERS:
SAMPLING PERSONNEL: CSK JPB

REMARKS: @ 12.0 gallons well went Dry. Grundfos pump went out @ 6.0 gallons. Completed sampling w/ clean disposable bailer

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT: EMJC
LOCATION: Norwood
WEATHER: Sunny 70°F

PROJECT NUMBER: 100.58.15
DATE: 9/5/03
TIME SAMPLING BEGAN: 1242
TIME SAMPLING COMPLETED: 305

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT: MW-31A
MEASURING POINT (MP): TOC
TOTAL DEPTH OF WELL BELOW MP: 35.25
DEPTH TO WATER BELOW MP: 25.52
HEIGHT OF WATER COLUMN IN WELL: 9.73
WELL VOLUME: 1.6
EVACUATION METHOD: GRUNDFOS

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

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1248	1.6	19.6	7.67	953 µS	Cloudy	7200
1253	3.2	19.9	7.64	1488 µS	7200	Red/rust - Bacteria
1259	4.8	21.4	7.67	1458 µS	7200	Cloudy

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL: 5.0 gal

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3 40mL	
SVOC	2 1L AG	

TIME SAMPLES COLLECTED: 1300
SAMPLE IDENTIFICATION CODING: MW-31A/090503
DUPLICATE IDENTIFICATION CODING: -
CHAIN OF CUSTODY RECORD NUMBERS: -
SAMPLING PERSONNEL: CSIC/SDC

REMARKS:

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT: EMDC
LOCATION: Norwood
WEATHER: Sunny 70°F

PROJECT NUMBER: 100.58.15
DATE: 9/5/03
TIME SAMPLING BEGAN: ~~1307~~ 1345
TIME SAMPLING COMPLETED: 1415

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT: MW-31 C
MEASURING POINT (MP): TOC
TOTAL DEPTH OF WELL BELOW MP: 51.3
DEPTH TO WATER BELOW MP: 31.83
HEIGHT OF WATER COLUMN IN WELL: 19.47
WELL VOLUME: 3.2
EVACUATION METHOD: Grundfos

MP ELEVATION:
WATER LEVEL ELEVATION:
DIAMETER OF CASING:

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1353	3.2	21.7	12.61	1912 µS	clear	>200 NTU
	~~6.4~~ 9.6	corr 9/5/03				

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL: 4.0 gal

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3-40 mL	HCL Ice
SVOC	2 1 LAG	↓

TIME SAMPLES COLLECTED: 1408
SAMPLE IDENTIFICATION CODING: MW-31 C/ 090503
DUPLICATE IDENTIFICATION CODING:
CHAIN OF CUSTODY RECORD NUMBERS:
SAMPLING PERSONNEL: CSIC

REMARKS: 1358 - Well Dry @ 4.0 gal/min

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT: FMDC
LOCATION: CIN OH
WEATHER: SUNNY 70°F

PROJECT NUMBER: 100.58.15
DATE: 9/5/03
TIME SAMPLING BEGAN: 1307
TIME SAMPLING COMPLETED: 1340

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT: MW-31D
MEASURING POINT (MP): TOC
TOTAL DEPTH OF WELL BELOW MP: 61.9
DEPTH TO WATER BELOW MP: 32.78
HEIGHT OF WATER COLUMN IN WELL: 29.12
WELL VOLUME: 4.7
EVACUATION METHOD: GRUNDFOS

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

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1311	4.7	19.2	7.81	941 µS	CLOUDY	>200NTU
1315	9.4	18.9	7.77	983 µS	"	"
1320	14.1	19.0	7.72	983 µS	"	"

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL: 14.1 + Sample

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	12 3-40mL	HCL Ice
SVOC	8 2-1LAG	↓

TIME SAMPLES COLLECTED: 1320
SAMPLE IDENTIFICATION CODING: MW-31D/090503
DUPLICATE IDENTIFICATION CODING: DUP 02/090503, MW-31D/MS, MW-31D/MSD
CHAIN OF CUSTODY RECORD NUMBERS:
SAMPLING PERSONNEL: CSC SOC

Collect FB-02/090503 @ 1315

REMARKS:

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT: GMDC
PROJECT NUMBER: 100.58.15
LOCATION: Norwood
DATE: 9/4/03
WEATHER: Cloudy 60°F
TIME SAMPLING BEGAN: 0920
TIME SAMPLING COMPLETED: 1025

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT: MW-42
MEASURING POINT (MP): TOC
MP ELEVATION:
TOTAL DEPTH OF WELL BELOW MP: 59.5
DEPTH TO WATER BELOW MP: 31.10
WATER LEVEL ELEVATION:
HEIGHT OF WATER COLUMN IN WELL: 28.4
DIAMETER OF CASING: 2"
WELL VOLUME: 4.6
EVACUATION METHOD: Grundfos

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1002	5	17.6	7.98	548 µS	76.8	
	~~10~~	CRC 9/4/03				
	~~15~~					

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL: 8.0

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3-40mL	HCL 7cp
SVOC	2-1LAG	
Metals	2 1LPL	HNO3
TSS	1-100mL PL	

TIME SAMPLES COLLECTED: 1016
SAMPLE IDENTIFICATION CODING: MW-42 / 090403
DUPLICATE IDENTIFICATION CODING: —
CHAIN OF CUSTODY RECORD NUMBERS:
SAMPLING PERSONNEL: CRC / JPB

REMARKS: Grundfos Pump Bad. Had to Pull & Use PFI Pump
Well Dry @ 7.0 gal. Sample after recharge

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT: EMDC
LOCATION: Norwood
WEATHER: Cloudy 70°F

PROJECT NUMBER: 100.58.15
DATE: 9/2/03
TIME SAMPLING BEGAN: 1250
TIME SAMPLING COMPLETED: 1350 - 9/3/03 @ 1015

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT: MW-~~23~~ 43A
MEASURING POINT (MP): TOC
TOTAL DEPTH OF WELL BELOW MP: ~~39.7~~ 53.26
DEPTH TO WATER BELOW MP: 34.23
HEIGHT OF WATER COLUMN IN WELL: 19.03
WELL VOLUME: 3.1
EVACUATION METHOD: GRUNDFOS

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

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1320	3.1	25.6	7.95	0.00 375 µs	39.1	
1335	6.2	25.6	8.64	596 µs	29.6	
1344	9.3	25.7	8.59	599 µs	28.9	

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL: 9.3

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3-40 mL	HCL Ice
SVOC	2-1L AG	Ice
METALS	2-1L PC	HNO3 Ice
TSS	1-100 mL PC	Ice

TIME SAMPLES COLLECTED: 1345
SAMPLE IDENTIFICATION CODING: MW-43A/090203
DUPLICATE IDENTIFICATION CODING: —
CHAIN OF CUSTODY RECORD NUMBERS: " "
SAMPLING PERSONNEL: LKL SDT

Collect METALS & TSS on 9/3/03 @ 1015

REMARKS:

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT: EMDC
PROJECT NUMBER: 100.58.15
LOCATION: NORWOOD
DATE: 9/5/03
WEATHER: Sunny 60°F
TIME SAMPLING BEGAN: 0815
TIME SAMPLING COMPLETED: 9/8/03 @ 1450

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT: MW-504
MEASURING POINT (MP): TOC
MP ELEVATION:
TOTAL DEPTH OF WELL BELOW MP: 9/5/03 ~~19.3~~ 8.52
DEPTH TO WATER BELOW MP: ~~7.72~~ 7.72
WATER LEVEL ELEVATION:
HEIGHT OF WATER COLUMN IN WELL: ~~11.58~~ 0.8
DIAMETER OF CASING: 2
WELL VOLUME: ~~1.9~~ ~~0.8~~ 0.13
EVACUATION METHOD: BAILER

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
0825	~~1.9~~ 0.13	19.6	7.29	3.29 mS	DARK Brown	
	~~3.8~~					

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL: 0.13

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3-40mL	HCL Ice
SVOC	2-1LAG	
METALS	2-1LPE	HNO3
TSS	1-100mL	

TIME SAMPLES COLLECTED: 0830
SAMPLE IDENTIFICATION CODING: MW-504 / 090503
DUPLICATE IDENTIFICATION CODING:
CHAIN OF CUSTODY RECORD NUMBERS:
SAMPLING PERSONNEL:

REMARKS: -ONLY ABLE TO COLLECT VOC SAMPLES AFTER 0.13 PURGE
RETURNED ~10:30 - NO H_2O

9/8/03

1000 - ARRIVE @ WELL
1015 - COLLECT METALS TOTAL & DISSOLVED AND TSS, WILL RETURN FOR SVOC
@ 1450 ONLY ABLE TO COLLECT 3/4 LITER FOR SVOC

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT: CMDC
LOCATION: Norwood
WEATHER: Sunny 60°F

PROJECT NUMBER: 100.58.15
DATE: 9/3/03
TIME SAMPLING BEGAN: 0845
TIME SAMPLING COMPLETED: 0930

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT: MW-505A
MEASURING POINT (MP): TOC
TOTAL DEPTH OF WELL BELOW MP: 13.6
DEPTH TO WATER BELOW MP: 4.82
HEIGHT OF WATER COLUMN IN WELL: 8.78
WELL VOLUME: 1.4
EVACUATION METHOD: BAILER

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

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
908	1.4	15.7	7.17	2.16 mS	Cloudy	7200
	2.8					
	4.2					

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SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL:

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC		
SVOC		
Metals		
TSS		

TIME SAMPLES COLLECTED: 0915
SAMPLE IDENTIFICATION CODING: MW505A/090503
DUPLICATE IDENTIFICATION CODING:
CHAIN OF CUSTODY RECORD NUMBERS:
SAMPLING PERSONNEL: CSK/JDL

REMARKS: Elect to start sampling after 1 purge volume

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT: EMDC
LOCATION: NORWOOD
WEATHER: Sunny 60°F

PROJECT NUMBER: 100.58.15
DATE: 9/5/03
TIME SAMPLING BEGAN: 0845
TIME SAMPLING COMPLETED: 0930

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: 6.85
HEIGHT OF WATER COLUMN IN WELL: 14.53
WELL VOLUME: 2.36
EVACUATION METHOD: BAILER

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

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
0912	2.3	14.9	6.44	1149	7200	Cloudy
	4.6					
	6.9					

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL: 2.5 GAL

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC		
SVOC		
Metals		
TSS		

TIME SAMPLES COLLECTED: 0917
SAMPLE IDENTIFICATION CODING: MW-505B/090503
DUPLICATE IDENTIFICATION CODING:
CHAIN OF CUSTODY RECORD NUMBERS:
SAMPLING PERSONNEL:

REMARKS: - Elect to sample after 1 Purge Volume

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT: EMDC
PROJECT NUMBER: 100-58.15
LOCATION: Norwood
DATE: 9/4/03
WEATHER: Sunny 70°F
TIME SAMPLING BEGAN: 1452
TIME SAMPLING COMPLETED: 9/5/03 @ 1506

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT: MW-506
MEASURING POINT (MP): TOC
MP ELEVATION:
TOTAL DEPTH OF WELL BELOW MP: 14.05
DEPTH TO WATER BELOW MP: 12.80
WATER LEVEL ELEVATION:
HEIGHT OF WATER COLUMN IN WELL: 1.25
DIAMETER OF CASING: 2"
WELL VOLUME: 0.2
EVACUATION METHOD: BAILER

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	HCL Ice
SVOC	2-1L AG	Ice
METALS	2-1L PL	Heavy Ice
TSS	1-100mL	Ice

TIME SAMPLES COLLECTED: 1510
SAMPLE IDENTIFICATION CODING: MW-506/090403
DUPLICATE IDENTIFICATION CODING:
CHAIN OF CUSTODY RECORD NUMBERS:
SAMPLING PERSONNEL:

9/5/03 - RETURNED @ 1300 TO COLLECT METALS & TSS SAMPLE

REMARKS: - Only able to collect VOC & SVOC samples
- will return on 9/5/03 to complete

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT: EMOC
LOCATION: Norwood
WEATHER: Sunny 70°F

PROJECT NUMBER: 100.58.15
DATE: 9/5/03
TIME SAMPLING BEGAN: 0940
TIME SAMPLING COMPLETED: 1000

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT: MW-507
MEASURING POINT (MP): TOC
TOTAL DEPTH OF WELL BELOW MP: 19.3
DEPTH TO WATER BELOW MP: 13.52
HEIGHT OF WATER COLUMN IN WELL: 5.78
WELL VOLUME: 0.95
EVACUATION METHOD: BAILER

MP ELEVATION:
WATER LEVEL ELEVATION:
DIAMETER OF CASING: 6"

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
0945	0.95	14.4	7.59	1297 µS	7200	Rust/Red Color
	1.9					
	2.85					

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL: 1.0 gal

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3-40mL	HCL Ice
SVOC	2-1L AG	
Metals	2-1L PC	HNO3
TSS	1-100mL PC	

TIME SAMPLES COLLECTED: 0955
SAMPLE IDENTIFICATION CODING: MW 507/090503
DUPLICATE IDENTIFICATION CODING:
CHAIN OF CUSTODY RECORD NUMBERS:
SAMPLING PERSONNEL: LJC/SDC

REMARKS: - Elect to sample after 1 parameter due to recharge

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT: EMDC
PROJECT NUMBER: 100.58.15
LOCATION: Norwood
DATE: 9/4/03
WEATHER: Sunny 70°F
TIME SAMPLING BEGAN: 1015
TIME SAMPLING COMPLETED: 1035

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT: MW-508
MEASURING POINT (MP): TOC
MP ELEVATION:
TOTAL DEPTH OF WELL BELOW MP: 36.5
DEPTH TO WATER BELOW MP: 35.33
WATER LEVEL ELEVATION:
HEIGHT OF WATER COLUMN IN WELL: 1.17 ~~1.23~~
DIAMETER OF CASING:
WELL VOLUME: 0.19
EVACUATION METHOD: BAILER

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1020	0.25	14.7°C	7.26	1858 µS	CLOUDY	~200 NTU

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL: 0.30

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3-40mL	HCL Ice
SVOC	2-1LAG	
Metals	2-1LPL	HNO3
TSS	1-100mL	

TIME SAMPLES COLLECTED: 0725
SAMPLE IDENTIFICATION CODING: MW-508/090403
DUPLICATE IDENTIFICATION CODING: —
CHAIN OF CUSTODY RECORD NUMBERS: ~~[illegible]~~
SAMPLING PERSONNEL: CHK/SDC
REMARKS: Elect to begin sampling

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT: EMDC
LOCATION: NORWOOD
WEATHER: Cloudy, Rain, 70°F

PROJECT NUMBER: 100.58.15
DATE: 9/2/03
TIME SAMPLING BEGAN: 1510
TIME SAMPLING COMPLETED: 1541

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT: P-1
MEASURING POINT (MP): TOC
TOTAL DEPTH OF WELL BELOW MP: 30.67
DEPTH TO WATER BELOW MP: 24.20
HEIGHT OF WATER COLUMN IN WELL: 6.47
WELL VOLUME: 1.0
EVACUATION METHOD: GRUNDFOS

MP ELEVATION:
WATER LEVEL ELEVATION:
DIAMETER OF CASING:

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1521	1	25.7	7.60	1120 µS	7.6	
1529	2	25	7.59	1122 µS	4.1	
1530	3	26.2	7.56	1126 µS	4.2	

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL: 3.0

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

TIME SAMPLES COLLECTED: 1530
SAMPLE IDENTIFICATION CODING: P-1/090203
DUPLICATE IDENTIFICATION CODING: -
CHAIN OF CUSTODY RECORD NUMBERS: C
SAMPLING PERSONNEL: CBK/JPB

REMARKS:

Return 9/3/03 @ 0925 to collect metals & TSS sample
Turbidity = 29 NTU

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GROUND WATER SAMPLING FORM

CLIENT/PROJECT: EMD Chem.
LOCATION: NORWOOD, OH
WEATHER: RAIN 65°F

PROJECT NUMBER: 100.58.15
DATE: 9/2/03
TIME SAMPLING BEGAN: 1045
TIME SAMPLING COMPLETED: 1130

EVALUATION DATA

DESCRIPTION OF SAMPLING POINT: D-6
MEASURING POINT (MP): TOC
TOTAL DEPTH OF WELL BELOW MP: 54.0
DEPTH TO WATER BELOW MP: 29.51
HEIGHT OF WATER COLUMN IN WELL: 24.49
WELL VOLUME: 4.0
EVACUATION METHOD: GRUNDFOS PUMP

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

FIELD PARAMETERS

TIME	VOLUME REMOVED	TEMPERATURE	pH	SPECIFIC CONDUCTIVITY	CLARITY	COMMENTS
1123	4	24.4°C	8.47	661 µS	20.2	
1125	8	20.7	8.46	855 µS	14.5	
1127	12	21.3	8.45	900 µS	8.9	

SAMPLE INFORMATION

TOTAL VOLUME OF WATER REMOVED FROM WELL: 12 gal

CONSTITUENTS SAMPLED	SAMPLE CONTAINERS	FIELD PREPARATION
VOC	3-40ml	HCL Ice
SVOC	2-1LAG	Ice

TIME SAMPLES COLLECTED: 1129
SAMPLE IDENTIFICATION CODING: D6/090203
DUPLICATE IDENTIFICATION CODING:
CHAIN OF CUSTODY RECORD NUMBERS:
SAMPLING PERSONNEL: GSK / JPB

REMARKS:

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