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Division of Environmental Remediation
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Division of Environmental Remediation Laboratory
Analytical Report

The case narrative and analytical reports for the Erdle Perforating On-site site are attached.

Case Narrative

Site Name: Erdle Perforating On-Site

Date received: 05/22/08

For sample delivery group(s): 143-01

Due to instrumentation problems, the seven day holding time for these water samples was exceeded by one day. Both samples were analyzed within the maximum holding time of fourteen days.

All other QA/QC associated with this sample delivery group were within acceptable method criteria.

VOLATILE ORGANICS ANALYSIS DATA SHEET

MW-2

Site Name: Erdle Perforating On-Site Contract: _____

Site Code: 835013 Case No.: _____ SAS No.: _____ SDG No.: 143-01

Matrix: (soil/water) WATER Lab Sample ID: 808-143-001

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 08C0588.D

Level: (low/med) LOW Date Received: 5/22/2008

% Moisture: not dec. _____ Date Analyzed: 5/30/2008

GC Column: rtx-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
75-71-8	Dichlorodifluoromethane	10		U
75-87-3	Chloromethane	10		U
75-01-4	Vinyl Chloride	54		
74-83-9	Bromomethane	10		U
75-00-3	Chloroethane	10		U
75-69-4	Trichlorofluoromethane	10		U
75-35-4	1,1-Dichloroethene	8		J
75-15-0	Carbon Disulfide	10		U
67-64-1	Acetone	15		U
75-09-2	Methylene Chloride	10		U
540-59-0	trans 1,2-Dichloroethene	14		
1634-04-4	Methyl-tert butyl ether	10		U
75-34-4	1,1-Dichloroethane	10		U
108-05-4	Vinyl Acetate	10		U
540-59-0	cis 1,2-Dichloroethene	1000		E
78-93-3	2-Butanone	10		U
67-66-3	Chloroform	10		U
71-55-6	1,1,1-Trichloroethane	10		U
56-23-5	Carbon Tetrachloride	10		U
71-43-2	Benzene	10		U
107-06-2	1,2-Dichloroethane	10		U
79-01-6	Trichloroethene	780		E
78-87-5	1,2-Dichloropropane	10		U
75-27-4	Bromodichloromethane	10		U
10061-01-5	cis-1,3-Dichloropropene	10		U
108-10-1	4-Methyl-2-pentanone	10		U
108-88-3	Toluene	10		U
10061-02-6	trans-1,3-Dichloropropene	10		U
79-00-5	1,1,2-Trichloroethane	1		J
127-18-4	Tetrachloroethene	10		U
591-78-6	2-Hexanone	10		U
124-48-1	Dibromochloromethane	10		U
108-90-7	Chlorobenzene	10		U
100-41-4	Ethylbenzene	10		U
1330-20-7	m,p-Xylenes	10		U
1330-20-7	o-Xylene	10		U
100-42-5	Styrene	10		U
75-25-2	Bromoform	10		U
79-34-5	1,1,2,2,-Tetrachloroethane	10		U

VOLATILE ORGANICS ANALYSIS DATA SHEET

MW-2

Site Name: Erdle Perforating On-Site Contract: _____

Site Code: 835013 Case No.: _____ SAS No.: _____ SDG No.: 143-01

Matrix: (soil/water) WATER Lab Sample ID: 808-143-001

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 08C0588.D

Level: (low/med) LOW Date Received: 5/22/2008

% Moisture: not dec. _____ Date Analyzed: 5/30/2008

GC Column: rtx-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
95-49-8	2-Chlorotoluene		10	U
106-43-4	4-Chlorotoluene		10	U
541-73-1	1,3-Dichlorobenzene		10	U
106-46-7	1,4-Dichlorobenzene		10	U
95-50-1	1,2-Dichlorobenzene		10	U
120-82-1	1,2,4-Trichlorobenzene		10	U
87-61-6	1,2,3-Trichlorobenzene		10	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID:

MW-2

Site Name: Erdle Perforating On-Site Contract: _____
Site Code: 835013 Case No.: _____ SAS No.: _____ SDG No.: 143-01
Matrix: (soil/water) WATER Lab Sample ID: 808-143-001
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 08C0588.D
Level: (low/med) LOW Date Received: 5/22/2008
% Moisture: not dec. _____ Date Analyzed: 5/30/2008
GC Column: rtx-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

MW-2

Site Name: Erdle Perforating On-Site Contract: _____

Site Code: 835013 Case No.: _____ SAS No.: _____ SDG No.: 143-01

Matrix: (soil/water) WATER Lab Sample ID: 808-143-001DL

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 08C0675.D

Level: (low/med) LOW Date Received: 5/22/2008

% Moisture: not dec. _____ Date Analyzed: 6/3/2008

GC Column: rtx-624 ID: 0.25 (mm) Dilution Factor: 5.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
75-71-8	Dichlorodifluoromethane	50	U	U
75-87-3	Chloromethane	50	U	U
75-01-4	Vinyl Chloride	50	U	U
74-83-9	Bromomethane	50	U	U
75-00-3	Chloroethane	50	U	U
75-69-4	Trichlorofluoromethane	50	U	U
75-35-4	1,1-Dichloroethene	50	U	U
75-15-0	Carbon Disulfide	50	U	U
67-64-1	Acetone	75	U	U
75-09-2	Methylene Chloride	50	U	U
540-59-0	trans 1,2-Dichloroethene	50	U	U
1634-04-4	Methyl-tert butyl ether	50	U	U
75-34-4	1,1-Dichloroethane	50	U	U
108-05-4	Vinyl Acetate	50	U	U
540-59-0	cis 1,2-Dichloroethene	1700	D	D
78-93-3	2-Butanone	50	U	U
67-66-3	Chloroform	50	U	U
71-55-6	1,1,1-Trichloroethane	50	U	U
56-23-5	Carbon Tetrachloride	50	U	U
71-43-2	Benzene	50	U	U
107-06-2	1,2-Dichloroethane	50	U	U
79-01-6	Trichloroethene	1100	D	D
78-87-5	1,2-Dichloropropane	50	U	U
75-27-4	Bromodichloromethane	50	U	U
10061-01-5	cis-1,3-Dichloropropene	50	U	U
108-10-1	4-Methyl-2-pentanone	50	U	U
108-88-3	Toluene	50	U	U
10061-02-6	trans-1,3-Dichloropropene	50	U	U
79-00-5	1,1,2-Trichloroethane	50	U	U
127-18-4	Tetrachloroethene	50	U	U
591-78-6	2-Hexanone	50	U	U
124-48-1	Dibromochloromethane	50	U	U
108-90-7	Chlorobenzene	50	U	U
100-41-4	Ethylbenzene	50	U	U
1330-20-7	m,p-Xylenes	50	U	U
1330-20-7	o-Xylene	50	U	U
100-42-5	Styrene	50	U	U
75-25-2	Bromoform	50	U	U
79-34-5	1,1,2,2,-Tetrachloroethane	50	U	U

1A

Field ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

MW-2

Site Name: Erdle Perforating On-Site Contract: _____Site Code: 835013 Case No.: _____ SAS No.: _____ SDG No.: 143-01Matrix: (soil/water) WATER Lab Sample ID: 808-143-001DLSample wt/vol: 5.0 (g/ml) ML Lab File ID: 08C0675.DLevel: (low/med) LOW Date Received: 5/22/2008% Moisture: not dec. _____ Date Analyzed: 6/3/2008GC Column: rtx-624 ID: 0.25 (mm) Dilution Factor: 5.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
95-49-8	2-Chlorotoluene		50	U
106-43-4	4-Chlorotoluene		50	U
541-73-1	1,3-Dichlorobenzene		50	U
106-46-7	1,4-Dichlorobenzene		50	U
95-50-1	1,2-Dichlorobenzene		50	U
120-82-1	1,2,4-Trichlorobenzene		50	U
87-61-6	1,2,3-Trichlorobenzene		50	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID:

MW-2

Site Name: Erdle Perforating On-Site Contract: _____

Site Code: 835013 Case No.: _____ SAS No.: _____ SDG No.: 143-01

Matrix: (soil/water) WATER Lab Sample ID: 808-143-001DL

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 08C0675.D

Level: (low/med) LOW Date Received: 5/22/2008

% Moisture: not dec. _____ Date Analyzed: 6/3/2008

GC Column: rtx-624 ID: 0.25 (mm) Dilution Factor: 5.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Site Name: Erdle Perforating On-Site Contract: _____Site Code: 835013 Case No.: _____ SAS No.: _____ SDG No.: 143-01Matrix: (soil/water) WATER Lab Sample ID: 808-143-002Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 08C0587.DLevel: (low/med) LOW Date Received: 5/22/2008% Moisture: not dec. _____ Date Analyzed: 5/30/2008GC Column: rtx-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U	U
75-87-3	Chloromethane	10	U	U
75-01-4	Vinyl Chloride	10	U	U
74-83-9	Bromomethane	10	U	U
75-00-3	Chloroethane	10	U	U
75-69-4	Trichlorofluoromethane	10	U	U
75-35-4	1,1-Dichloroethene	10	U	U
75-15-0	Carbon Disulfide	10	U	U
67-64-1	Acetone	15	U	U
75-09-2	Methylene Chloride	10	U	U
540-59-0	trans 1,2-Dichloroethene	10	U	U
1634-04-4	Methyl-tert butyl ether	10	U	U
75-34-4	1,1-Dichloroethane	10	U	U
108-05-4	Vinyl Acetate	10	U	U
540-59-0	cis 1,2-Dichloroethene	10	U	U
78-93-3	2-Butanone	10	U	U
67-66-3	Chloroform	10	U	U
71-55-6	1,1,1-Trichloroethane	10	U	U
56-23-5	Carbon Tetrachloride	10	U	U
71-43-2	Benzene	10	U	U
107-06-2	1,2-Dichloroethane	10	U	U
79-01-6	Trichloroethene	10	U	U
78-87-5	1,2-Dichloropropane	10	U	U
75-27-4	Bromodichloromethane	10	U	U
10061-01-5	cis-1,3-Dichloropropene	10	U	U
108-10-1	4-Methyl-2-pentanone	10	U	U
108-88-3	Toluene	10	U	U
10061-02-6	trans-1,3-Dichloropropene	10	U	U
79-00-5	1,1,2-Trichloroethane	10	U	U
127-18-4	Tetrachloroethene	10	U	U
591-78-6	2-Hexanone	10	U	U
124-48-1	Dibromochloromethane	10	U	U
108-90-7	Chlorobenzene	10	U	U
100-41-4	Ethylbenzene	10	U	U
1330-20-7	m,p-Xylenes	10	U	U
1330-20-7	o-Xylene	10	U	U
100-42-5	Styrene	10	U	U
75-25-2	Bromoform	10	U	U
79-34-5	1,1,2,2,-Tetrachloroethane	10	U	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Site Name: Erdle Perforating On-Site Contract: _____

Site Code: 835013 Case No.: _____ SAS No.: _____ SDG No.: 143-01

Matrix: (soil/water) WATER Lab Sample ID: 808-143-002

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 08C0587.D

Level: (low/med) LOW Date Received: 5/22/2008

% Moisture: not dec. _____ Date Analyzed: 5/30/2008

GC Column: rtx-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
95-49-8	2-Chlorotoluene		10	U
106-43-4	4-Chlorotoluene		10	U
541-73-1	1,3-Dichlorobenzene		10	U
106-46-7	1,4-Dichlorobenzene		10	U
95-50-1	1,2-Dichlorobenzene		10	U
120-82-1	1,2,4-Trichlorobenzene		10	U
87-61-6	1,2,3-Trichlorobenzene		10	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID:

Trip Blank

Site Name: Erdle Perforating On-Site Contract: _____

Site Code: 835013 Case No.: _____ SAS No.: _____ SDG No.: 143-01

Matrix: (soil/water) WATER Lab Sample ID: 808-143-002

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 08C0587.D

Level: (low/med) LOW Date Received: 5/22/2008

% Moisture: not dec. _____ Date Analyzed: 5/30/2008

GC Column: rtx-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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