MACTEC
engineering and constructing a better tomorrow

June 18, 2010

New York State Department of Environmental Conservation
Division of Environmental Remediation
12th Floor, 625 Broadway
Albany, New York 12233-7013

Attention: Ms. Nicole Bonsteel

Subject: **Supplemental Soil Sampling Report**
Erdle Perforating, Site ID # 8-28-072, D004434-20
MACTEC Engineering and Consulting, P.C., Project No. 3612072094

Dear Ms. Bonsteel,

MACTEC Engineering and Consulting, P.C., (MACTEC), under contract to the New York State Department of Environmental Conservation (NYSDEC) has prepared this report for supplemental soil sampling conducted at the Erdle Perforating site (Site), Site # 8-28-072, located at 100 Pixley Industrial Avenue, Town of Gates, Monroe County, New York. This letter report describes field activities and analytical results for the Site. Field activities were conducted on April 15, 2010.

Introduction

The Site is located at 100 Pixley Industrial Parkway in the Town of Gates, Monroe County. The Site is approximately 9.2 acres and is bounded on the south by a marsh and Conrail railroad tracks and an undeveloped wooded area further south of the railroad tracks, on the north and east by light industry and on the west by open land and Interstate 490. A townhouse development (Hidden Valley Development) is located south of the Site (south of the wooded area). The Site is currently

zoned for industrial purposes including manufacturing and processing. The Site and surrounding developed areas are serviced by public water.

Field Activities

Previous investigations conducted by MACTEC indicate that soil and groundwater at the Site are contaminated with volatile organic compounds (VOCs); specifically chlorinated solvents. To evaluate the potential presence of other contaminants in site soils to complete the remedial investigation and feasibility study for the Site, the NYSDEC requested additional soil samples be collected from the Site.

To evaluate the potential presence of semi-volatile organic compounds (SVOCs), pesticides, polychlorinated biphenyl's (PCBs), and metals in Site soil above regulatory criteria, a total of seven soil samples were collected from:

1) Three background locations (SS-1 to SS-3);
2) Two from the vicinity of the highest detected VOC contamination in soil (SS-4 and SS-5) to the rear (south) of the Erdle Facility (source area); and
3) Two from the wooded wetland south of the source area (SS-6 and SS-7).

Sample locations are included on Figure 1.

Because the VOC contamination was primarily detected at depths greater than two feet below ground surface (bgs), the three background samples and the two source area samples (SS-4 and SS-5) were collected from two to three feet bgs. The two samples from the wetland area south of the Site facility (SS-6 and SS-7) were collected from between zero and one foot bgs, to evaluate the wetland soils.

Samples were collected with a shovel after digging the holes to the required depths. Sample descriptions were recorded on field data records (field data records included as Attachment 1). The shovel and other tools used to collect the samples (stainless steel bowl and spoon) were decontaminated with Liquinox and deionized water between sample locations.

Samples were submitted to Accutest Laboratories for analyses of SVOCs by USEPA Method 8270C, pesticides (with the exception of background samples SS-2 and SS-3) by USEPA Method 8081, PCBs

by Method 8082, and metals by methods 6010B and 7471A. In addition, the two wetland samples, SS-6 and SS-7, were analyzed for VOCs by Method 8260B.

Results

Upon receipt of the analytical laboratory data, a Data Usability Summary Report (DUSR) was completed following NYSDEC guidance (NYSDEC, 2010). Based on chemist review, MACTEC determined that the laboratory data met the project specific criteria for data quality and data use. The DUSR and validated Form 1's are presented as Attachment 2.

Soil Sampling Results. A summary of analytes detected in the soil samples collected are presented in Table 1. Table 1 also includes the 6 New York Codes, Rules and Regulations Part 375 Soil Cleanup Objectives (SCO) for Unrestricted Use and Restricted Industrial Use (NYS, 2006). SVOCs, primarily polyaromatic hydrocarbons (PAHs), were detected in one sample, SS-4, collected from the source area. One SVOC, benzo(a)pyrene was detected at a concentration of 3.09 milligrams per kilogram (mg/Kg), slightly above the SCO for Industrial Use of 1.1 mg/Kg. The remaining of the SVOCs were not detected above their respective SCO for Industrial Use. Pesticides, and PCBs, were not detected in the samples (the individual pesticide and PCB analytical reporting limits were below the SCOs for Residential and Industrial Use and below, or only slightly above, the SCOs for unrestricted use). Metals were not detected in samples collected at, and downgradient of, the source area at concentrations above the three background/upgradient samples (SS-1 to SS-3) or above the SCOs for either Unrestricted Use or Industrial Use. Metals, including mercury, were detected in soil sample locations both upgradient (background) and downgradient of the source area indicating the historic occurrence of these compounds at and in the vicinity of the site. Acetone was detected in sample SS-6 and cis-1,2-dichloroethene and trichloroethene were detected in sample SS-7; detected concentrations were well below their respective SCOs for Unrestricted Use.

Although one SVOC was detected at a concentration above the SCO for Industrial Use, the sample results do not appear to indicate high concentrations of SVOCs on the Site that would be indicative of a large source/spill area. SVOCs are fairly common in industrial and urban environments, and additional investigations would not be warranted based on these results.

If you have any questions or concerns, please feel free to call myself at 207-828-3644 or Chuck Staples at 207-828-3571.

Sincerely,

MACTEC Engineering and Consulting, P.C.

John W. Peterson
Project Manager

Charles R. Staples
Site Manager

Enclosures (2)

REFERENCES

New York State (NYS), 2006. New York Codes, Rules, and Regulations, Title 6, Part 375-Environmental Remediation Programs. December, 2006.

NYSDEC, 2010. DER-10, Technical Guidance for Site Investigation and Remediation. June 2010.

Table 1: Hits Only

			Location	SS-01		SS-02		SS-03		SS-04		SS-05		SS-06		SS-07	
			Sample Depth	2.0-2.5		2.0-2.6		2.0-2.8		2.0-2.6		2.0-2.5		0-0.9		0-0.8	
			Sample Date	4/15/2010		4/15/2010		4/15/2010		4/15/2010		4/15/2010		4/15/2010		4/15/2010	
			Sample ID	828072SS-01		828072SS-02		828072SS-03		828072SS-04		828072SS-05		828072SS-06		828072SS-07	
Parameter Name	**Unrestricted**	**Industrial**		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Volatile Organic Compounds by USEPA Mehtod 8260B																	
Acetone	0.05	1000		--		--		--		--		--		**0.011**	**J**	0.0037	UJ
Cis-1,2-Dichloroethene	0.25	1000		--		--		--		--		--		0.0032	U	**0.0027**	
Trichloroethene	0.47	400		--		--		--		--		--		0.0032	U	**0.0069**	
Semi Volatile Organic Compounds by USEPA 8270C																	
Anthracene	100	1000		0.29	U	0.37	U	0.3	U	**2.89**		0.28	U	0.49	U	0.33	U
Benzo(a)anthracene	1	11		0.29	U	0.37	U	0.3	U	**4.92**		0.28	U	0.49	U	0.33	U
Benzo(a)pyrene	1	1.1		0.29	U	0.37	U	0.3	U	**3.09**		0.28	U	0.49	U	0.33	U
Benzo(b)fluoranthene	1	11		0.29	U	0.37	U	0.3	U	**3.49**		0.28	U	0.49	U	0.33	U
Benzo(ghi)perylene	100	1000		0.29	U	0.37	U	0.3	U	**1.82**		0.28	U	0.49	U	0.33	U
Benzo(k)fluoranthene	0.8	110		0.29	U	0.37	U	0.3	U	**2.94**		0.28	U	0.49	U	0.33	U
Carbazole	NA	NA		0.29	U	0.37	U	0.3	U	**0.681**		0.28	U	0.49	U	0.33	U
Chrysene	1	110		0.29	U	0.37	U	0.3	U	**4.36**		0.28	U	0.49	U	0.33	U
Dibenz(a,h)anthracene	0.33	1.1		0.29	U	0.37	U	0.3	U	**0.649**		0.28	U	0.49	U	0.33	U
Fluoranthene	100	1000		0.29	U	0.37	U	0.3	U	**12.3**		0.28	U	0.49	U	0.33	U
Fluorene	30	1000		0.29	U	0.37	U	0.3	U	**0.456**		0.28	U	0.49	U	0.33	U
Indeno(1,2,3-cd)pyrene	0.5	11		0.29	U	0.37	U	0.3	U	**1.82**		0.28	U	0.49	U	0.33	U
Phenanthrene	100	1000		0.29	U	0.37	U	0.3	U	**8.73**		0.28	U	0.49	U	0.33	U
Pyrene	100	1000		0.29	U	0.37	U	0.3	U	**8.59**		0.28	U	0.49	U	0.33	U
Pesticides by USEPA Method 8081																	
				All ND		--		--		All ND		All ND		All ND		All ND	
PCBs by USEPA Method 8082																	
				All ND		All ND		All ND		All ND		All ND		All ND		All ND	
Metals by USEPA Method 6010B																	
Aluminum	NA	NA		**6,310**		**17,400**		**9,140**		**3,940**		**4,000**		**5,950**		**9,340**	
Arsenic	13	16		**2.4**		**4.6**		**2.8**		**2.7**		2	U	**4**		**3.6**	
Barium	350	10000		**41.4**		**101**		**52.7**		**20.9**		**21.4**		19	U	**65.5**	
Beryllium	7.2	2700		0.38	U	**0.84**		**0.6**		0.4	U	0.41	U	0.38	U	**0.46**	
Calcium	NA	NA		**2,030**		**5,330**		**5,070**		**61,900**		**21,300**		**3,970**		**32,700**	
Chromium	30	6800		**11.1**		**17.7**		**13.7**		**6.9**		**5.9**		**7.2**		**12.6**	
Cobalt	NA	NA		4.7	U	**5.6**		**5.1**		5	U	5.1	U	4.8	U	**6.2**	
Copper	50	10000		**8.3**		**9.7**		**11**		**8.6**		**6.3**		**7.2**		**11.1**	
Iron	NA	NA		**16,100**		**19,700**		**19,100**		**9,110**		**8,100**		**9,060**		**16,300**	
Lead	63	3900		**3.1**		**13.7**		**6.9**		**10.4**		**4.9**		**16.1**		**8.9**	
Magnesium	NA	NA		**1,890**		**2,850**		**3,350**		**18,100**		**5,690**		**833**		**8,440**	
Manganese	1600	10000		**338**		**221**		**139**		**224**		**216**		**118**		**387**	
Nickel	30	10000		**9.8**		**14**		**15.3**		**8**		**5.8**		**4.4**		**15.7**	
Potassium	NA	NA		**597**		**1430**		**760**		**912**		**606**		480	U	**1440**	
Vanadium	NA	NA		**22.7**		**29.9**		**28.7**		**9**		**11.6**		**16.7**		**18.2**	
Zinc	109	10000		**21.3**		**91.3**		**328**		**31.9**		**40.6**		**70.9**		**95.6**	
Mercury by USEPA Method 7471A																	
Mercury	0.18	5.7		0.036	U	**0.098**		**0.046**		0.037	U	0.036	U	**0.087**		0.04	U
Percent Sollids by ASTM Method SM212540B modified																	
Percent Solids				83.3		65.7		81.8		79.3		86.1		50		75.5	

Notes:
Sample Depth = feet below ground surface
Results in milligram per kilogram
Only detected compounds shown; detections in**bold; shaded values exceed criteria**
6 NYCRR Part 375 Soil Cleanup Objectives: Unrestricted = for unrestricted use; Industrial = restricted for industrial use
Shaded values exceed Soil Cleanup Objective for Industrial Use
-- = Not analyzed
U = not detected
J = estimated value
ND = not detected

Created by WDC 6/4/2010
Checked by CRS 6/7/2010

Aerial Photo - 2005 from NYS GIS Clearinghouse.
Samples collected by MACTEC on April 15, 2010.
Lines from Lu Engineers 1996 Survey.

Prepared/Date: CRS 06/09/10
Checked/Date: JKR 06/09/10

NYSDEC
Erdle Perforating Company
Gates, New York

MACTEC

Surface Soil Sample Locations
Project 3612-07-2094
Figure 1

ATTACHMENT 1

FIELD DATA RECORDS

SURFACE SOIL SAMPLE FIELD DATA RECORD

Project: ERDLC Perforating
Project Number: 36120720 94 - 05.1
Sample Location ID: S2S072SS-01
SS-01

Site: —
Date: 4/15/10
Time: Start: 0850 End: 1000
Signature of Sampler:

Sample time 0930

SOIL SAMPLE

DEPTH OF SAMPLE INTERVAL: 2.0 - 2.5'
(Feet below ground surface)
reported to 1/10 foot

0 - 1.8 Dark brown organic soils
1.8 - 2.0 Yellowish brown fine sandy silt
GW at 1.4' BGS

EQUIPMENT USED FOR COLLECTION:
- [X] HAND AUGER
- [ ] S.S. SPLIT SPOON
- [X] SHOVEL
- [ ] HAND SPOON
- [ ] ALUMINUM PANS
- [X] SS ~~BUCKET~~ BOWL
- [ ] _____

TYPE OF SAMPLE COLLECTED:
- [ ] DISCRETE
- [X] COMPOSITE

SAMPLE OBSERVATIONS:
- [X] ODOR Slight organic decay
- [X] COLOR Dark brown
- [ ] _____

DECONTAMINATION FLUIDS USED:
- ✓ ALL USED
- [ ] ETHYL ALCOHOL
- [ ] 25% METHANOL/ 75% ASTM TYPE II WATER
- [X] DEIONIZED WATER
- [X] LIQUINOX SOLUTION
- [ ] HEXANE
- [ ] HNO_3 SOLUTION
- [ ] POTABLE WATER
- [ ] NONE

SOIL TYPE:
- [X] CLAY/silt
- [X] SAND gravel
- [ ] ORGANIC
- [ ] GRAVEL

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID: _____

SAMPLE LOCATION SKETCH:
- [X] YES
- [ ] NO

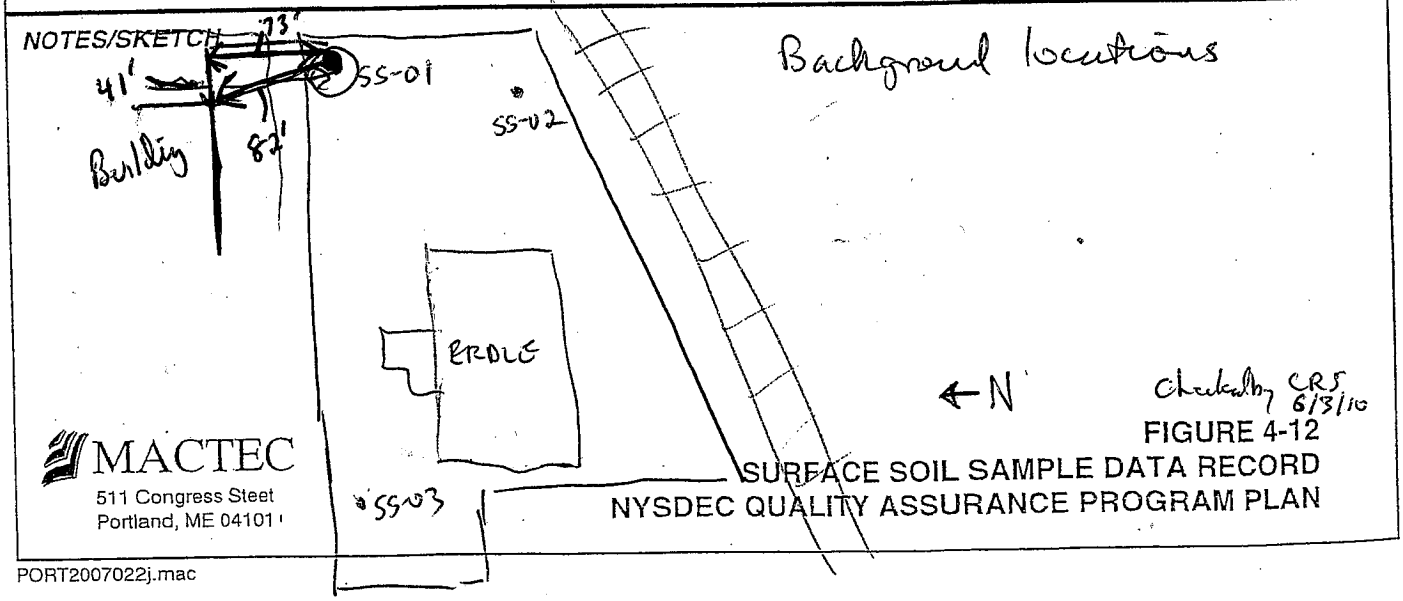
PID Reading NA

SAMPLES COLLECTED

MATRIX

✓ IF REQUIRED AT THIS LOCATION	SURFACE SOIL	✓ IF SAMPLE COLLECTED	✓ IF PRESERVED	VOLUME COLLECTED/NOTES
[ ] VOC	[ ]	[ ]	[ ]	1x500ml amber glass
[X] SVOC	[X]	[X]	[ ]	
[ ] PEST	[ ]	[ ]	[ ]	
[X] PCB	[X]	[X]	[ ]	
[X] INORGANICS	[X]	[X]	[ ]	
[ ]	[ ]	[ ]	[ ]	
[ ]	[ ]	[ ]	[ ]	
[ ]	[ ]	[ ]	[ ]	
[ ]	[ ]	[ ]	[ ]	
[ ]	[ ]	[ ]	[ ]	
[ ]	[ ]	[ ]	[ ]	

NOTES/SKETCH:



Checked by CRS 6/3/10

MACTEC
511 Congress Steet
Portland, ME 04101

FIGURE 4-12
SURFACE SOIL SAMPLE DATA RECORD
NYSDEC QUALITY ASSURANCE PROGRAM PLAN

PORT2007022j.mac

SURFACE SOIL SAMPLE FIELD DATA RECORD

Project: ERDLE - NYSDEC
Project Number: 361207209 4-05.1
Sample Location ID: S 2 S 0 7 2 S S - 0 2
SS-02

Site: —
Date: 4/15/10
Time: Start: 1005 End: 1110
Signature of Sampler: Jerry Randolph

Sample time 1050

SOIL SAMPLE

DEPTH OF SAMPLE INTERVAL: 2.0 - 2.6
(Feet below ground surface)
reported to 1/10 foot

0 - 1.5 Dark brown organic sandy silt
1.5 - 1.9 Reddish brown clay silt with fine sand
1.5 - 2.9 Dark brown sandy silt with organics
GW at ≈ 1.3' BGS

EQUIPMENT USED FOR COLLECTION:
[X] HAND AUGER
[ ] S.S. SPLIT SPOON
[X] SHOVEL
[ ] HAND SPOON
[ ] ALUMINUM PANS
[X] SS ~~BUCKET~~ BOWL
[ ] _____

TYPE OF SAMPLE COLLECTED:
[ ] DISCRETE
[X] COMPOSITE

SAMPLE OBSERVATIONS:
[ ] ODOR _____
[X] COLOR light reddish brown
[ ] _____

DECONTAMINATION FLUIDS USED:
✓ ALL USED
[ ] ETHYL ALCOHOL
[ ] 25% METHANOL/ 75% ASTM TYPE II WATER
[X] DEIONIZED WATER
[X] LIQUINOX SOLUTION
[ ] HEXANE
[ ] HNO_3 SOLUTION
[ ] POTABLE WATER
[ ] NONE

SOIL TYPE:
[X] CLAY
[X] SAND/SILT
[ ] ORGANIC
[ ] GRAVEL

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID: _____

PID Reading NA

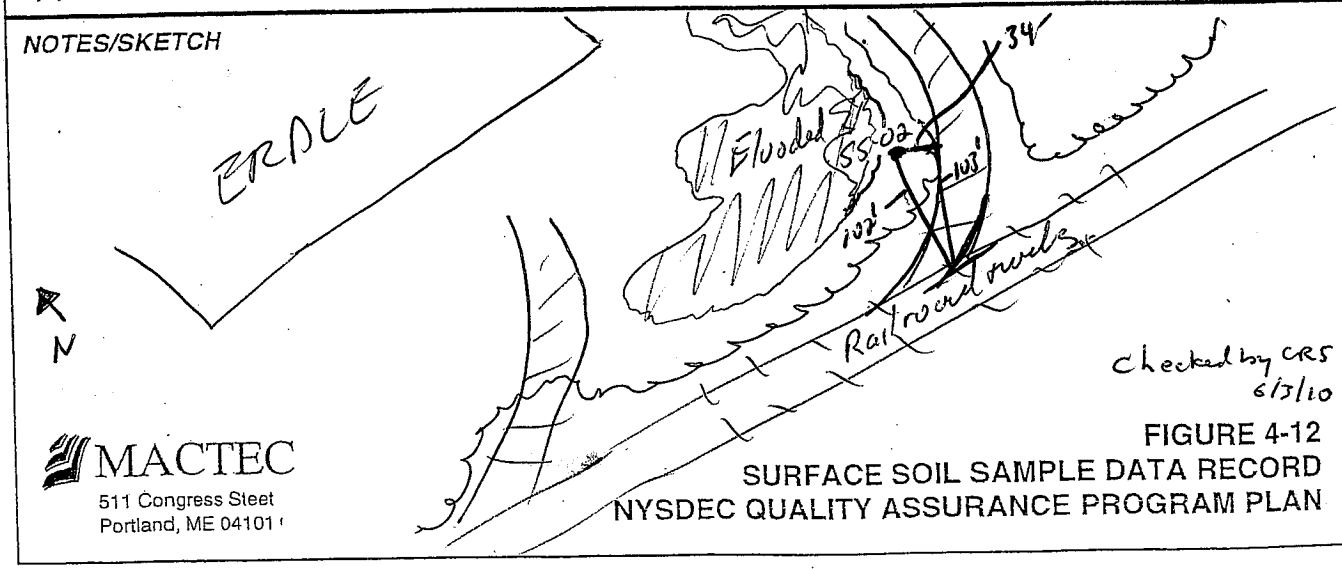
SAMPLE LOCATION SKETCH:
[X] YES
[ ] ~~NO~~

SAMPLES COLLECTED

MATRIX

✓ IF REQUIRED AT THIS LOCATION	SURFACE SOIL 2-2.6'	✓ IF SAMPLE COLLECTED	✓ IF PRESERVED	VOLUME COLLECTED/NOTES
[ ] VOC	[ ]	[ ]	[ ]	500 ml (90)
[X] SVOC	[X]	[X]	[ ]	1 x 8oz amberglass jar
[ ] PEST	[ ]	[ ]	[ ]	
[X] PCB	[X]	[X]	[ ]	
[X] INORGANICS	[X]	[X]	[ ]	
[ ]	[ ]	[ ]	[ ]	
[ ]	[ ]	[ ]	[ ]	
[ ]	[ ]	[ ]	[ ]	
[ ]	[ ]	[ ]	[ ]	
[ ]	[ ]	[ ]	[ ]	
[ ]	[ ]	[ ]	[ ]	

NOTES/SKETCH



Checked by CRS 6/3/10

MACTEC
511 Congress Steet
Portland, ME 04101

FIGURE 4-12
SURFACE SOIL SAMPLE DATA RECORD
NYSDEC QUALITY ASSURANCE PROGRAM PLAN

PORT2007022j.mac

SURFACE SOIL SAMPLE FIELD DATA RECORD

Project: ERDLE-NYSDEC
Project Number: 36120720944-0511
Sample Location ID: 82807255-03 (SS-03)
Site:
Date: 4/15/10
Time: Start: 1145 End: 1235
Signature of Sampler: Jerry Duffle
Sample time 1215

SOIL SAMPLE

DEPTH OF SAMPLE INTERVAL: 2-2.8'
(Feet below ground surface) reported to 1/10 foot

EQUIPMENT USED FOR COLLECTION:
- [X] HAND AUGER
- [X] ~~S.S.~~ SPLIT SPOON
- [X] SHOVEL
- [ ] HAND SPOON
- [ ] ALUMINUM PANS
- [X] SS ~~BUCKET~~ Bowl
- [ ] _____

TYPE OF SAMPLE COLLECTED:
- [ ] DISCRETE
- [X] COMPOSITE

SAMPLE OBSERVATIONS:
- [ ] ODOR No unusual odors
- [X] COLOR Red/brown
- [ ] _____

DECONTAMINATION FLUIDS USED:
- ✓ ALL USED
- [ ] ETHYL ALCOHOL
- [ ] 25% METHANOL/ 75% ASTM TYPE II WATER
- [X] DEIONIZED WATER
- [X] LIQUINOX SOLUTION
- [ ] HEXANE
- [ ] HNO_3 SOLUTION
- [ ] POTABLE WATER
- [ ] NONE

SOIL TYPE:
- [X] CLAY/silt
- [X] SAND Fine
- [ ] ORGANIC
- [ ] GRAVEL

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID: _____

PID Reading NA

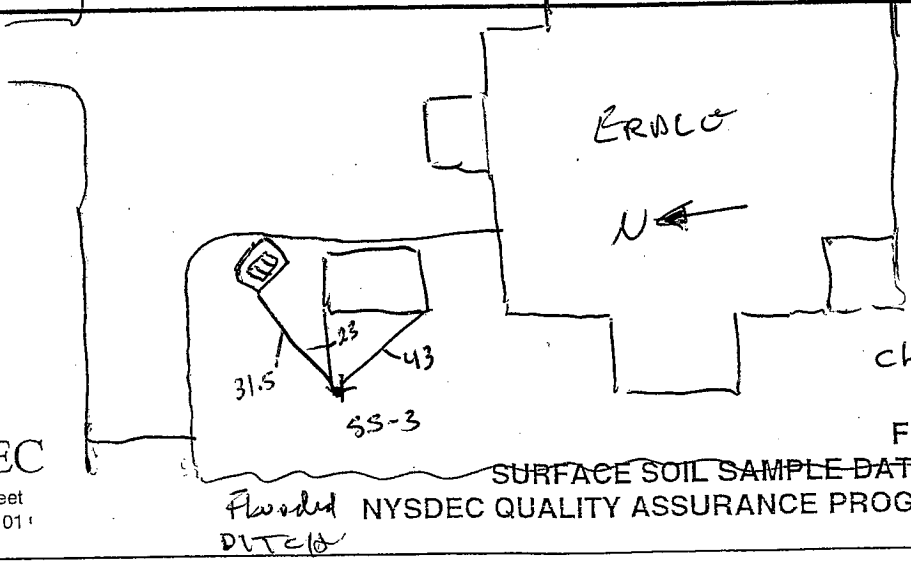
SAMPLE LOCATION SKETCH:
- [X] YES
- [ ] NO

SAMPLES COLLECTED

✓ IF REQUIRED AT THIS LOCATION	MATRIX: SURFACE SOIL	✓ IF SAMPLE COLLECTED	✓ IF PRESERVED
[ ] VOC	[ ]	[ ]	[ ]
[X] SVOC	[X]	[X]	[ ]
[ ] PEST	[ ]	[ ]	[ ]
[X] PCB	[X]	[X]	[ ]
[X] INORGANICS	[X]	[X]	[ ]
[ ]	[ ]	[ ]	[ ]
[ ]	[ ]	[ ]	[ ]
[ ]	[ ]	[ ]	[ ]
[ ]	[ ]	[ ]	[ ]
[ ]	[ ]	[ ]	[ ]
[ ]	[ ]	[ ]	[ ]

VOLUME COLLECTED/NOTES
(500ml)
1x8oz amber glass

NOTES/SKETCH



Checked by CRS 6/3/10

MACTEC
511 Congress Steet
Portland, ME 04101

FIGURE 4-12
SURFACE SOIL ~~SAMPLE DATA~~ RECORD
NYSDEC QUALITY ASSURANCE PROGRAM PLAN

PORT2007022j.mac

SURFACE SOIL SAMPLE FIELD DATA RECORD

Project: ERDLE - NYSDEC
Project Number: 36120720945.1
Sample Location ID: 828072555-04
SS-04

Site: —
Date: 4/15/10
Time: Start: 1250 End: 1345
Signature of Sampler: Jerry Rudloff

September 1335

SOIL SAMPLE

DEPTH OF SAMPLE INTERVAL: 2-2.6
(Feet below ground surface)
reported to 1/10 foot

0 - 2.2 Brown gravel, sand and cobbles.

2.2 - 2.5 Brown to reddish brown sand with a trace of clay/silt.

GW at 1.2' BGS

EQUIPMENT USED FOR COLLECTION:
- [X] HAND AUGER
- [ ] S.S. SPLIT SPOON
- [X] SHOVEL
- [ ] HAND SPOON
- [ ] ALUMINUM PANS
- [X] SS ~~BUCKET~~ BOWL
- [ ] _____

TYPE OF SAMPLE COLLECTED:
- [ ] DISCRETE
- [X] COMPOSITE

SAMPLE OBSERVATIONS:
- [ ] ODOR None obvious
- [ ] COLOR BROWN
- [ ] _____

DECONTAMINATION FLUIDS USED:
- ✓ ALL USED
- [ ] ETHYL ALCOHOL
- [ ] 25% METHANOL/ 75% ASTM TYPE II WATER
- [X] DEIONIZED WATER
- [X] LIQUINOX SOLUTION
- [ ] HEXANE
- [ ] HNO_3 SOLUTION
- [ ] POTABLE WATER
- [ ] NONE

SOIL TYPE:
- [ ] CLAY
- [X] SAND
- [ ] ORGANIC
- [X] GRAVEL

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID: _____

SAMPLE LOCATION SKETCH:
- [X] YES
- [ ] NO

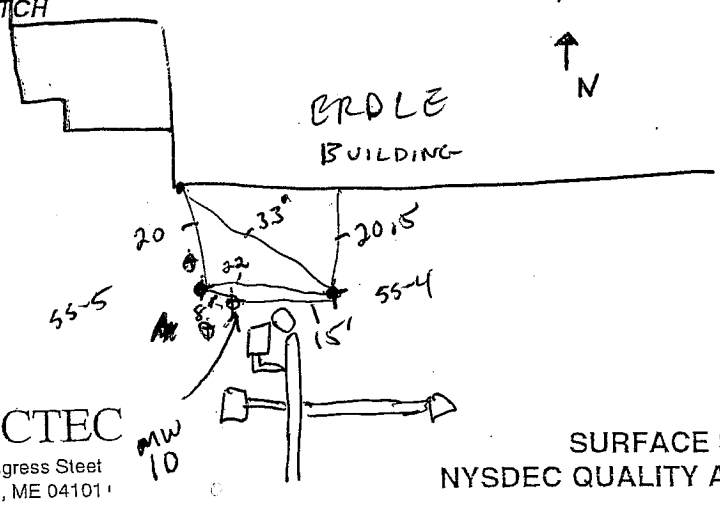
PID Reading NA

SAMPLES COLLECTED

✓ IF REQUIRED AT THIS LOCATION	MATRIX: SURFACE SOIL	✓ IF SAMPLE COLLECTED	✓ IF PRESERVED
[ ] VOC	[ ]	[ ]	[ ]
[X] SVOC	[X]	[X]	[ ]
[ ] PEST	[ ]	[ ]	[ ]
[X] PCB	[X]	[X]	[ ]
[X] INORGANICS	[X]	[X]	[ ]
[ ]	[ ]	[ ]	[ ]
[ ]	[ ]	[ ]	[ ]
[ ]	[ ]	[ ]	[ ]
[ ]	[ ]	[ ]	[ ]
[ ]	[ ]	[ ]	[ ]
[ ]	[ ]	[ ]	[ ]

VOLUME COLLECTED/NOTES: 1 x 500 ml amber glass jar

NOTES/SKETCH



Checked by CRS
6/3/10

MACTEC
511 Congress Steet
Portland, ME 04101

FIGURE 4-12
SURFACE SOIL SAMPLE DATA RECORD
NYSDEC QUALITY ASSURANCE PROGRAM PLAN

PORT2007022j.mac

SURFACE SOIL SAMPLE FIELD DATA RECORD

Project: ERDLE - NYSDEC
Project Number: 361207209 4-05.1
Sample Location ID: 8280725S-05
SS-05

Site: —
Date: 4/15/10
Time: Start: 1345 End: 1445
Signature of Sampler: Jerry Sandifer

Sample Time = 1430

SOIL SAMPLE

DEPTH OF SAMPLE INTERVAL: 2 - 2.5'
(Feet below ground surface)
reported to 1/10 foot

0 - 1.8' Dark brown to gray gravel, cobbles, and sand.
1.8 - 2.6' Gray to light reddish gray fine sand and silt with roots or wood fragments.

EQUIPMENT USED FOR COLLECTION:
- [X] HAND AUGER
- [ ] ~~S~~S. SPLIT SPOON
- [X] SHOVEL
- [ ] HAND SPOON
- [ ] ALUMINUM PANS
- [X] SS ~~BUCKET~~BOWL
- [ ] _____

TYPE OF SAMPLE COLLECTED:
- [ ] DISCRETE
- [X] COMPOSITE

SAMPLE OBSERVATIONS:
- [X] ODOR Sweet
- [ ] COLOR light reddish gray
- [ ] _____

DECONTAMINATION FLUIDS USED:
- ✓ ALL USED
- [ ] ETHYL ALCOHOL
- [ ] 25% METHANOL/ 75% ASTM TYPE II WATER
- [X] DEIONIZED WATER
- [X] LIQUINOX SOLUTION
- [ ] HEXANE
- [ ] HNO_3 SOLUTION
- [ ] POTABLE WATER
- [ ] NONE

SOIL TYPE:
- [X] ~~CLAY~~ - silt
- [X] SAND
- [ ] ORGANIC
- [ ] GRAVEL

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID: _____

SAMPLE LOCATION SKETCH:
- [X] YES
- [ ] NO

PID Reading NA

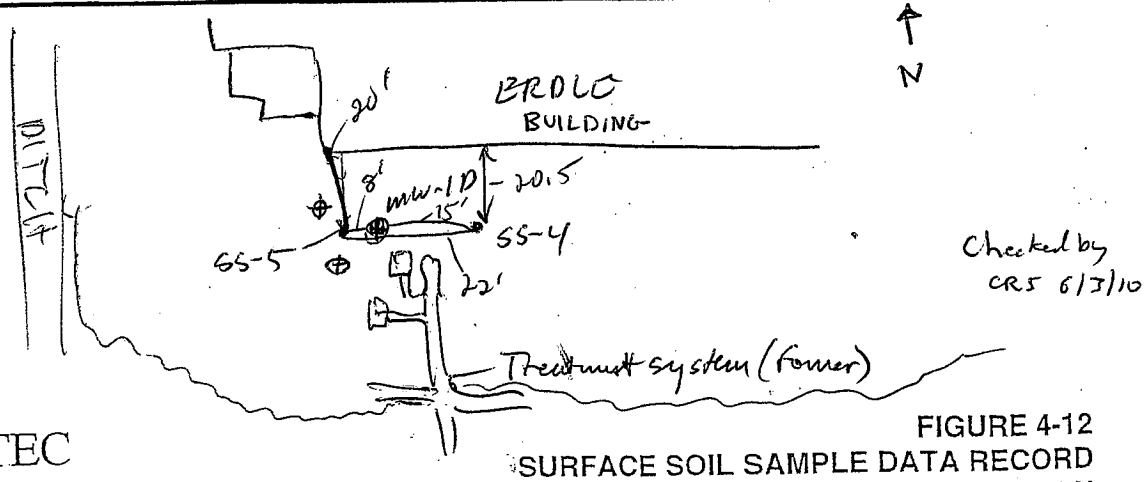
SAMPLES COLLECTED

MATRIX

✓ IF REQUIRED AT THIS LOCATION	SURFACE SOIL	✓ IF SAMPLE COLLECTED	✓ IF PRESERVED
[ ] VOC	[ ]	[ ]	[ ]
[X] SVOC	[X]	[X]	[ ]
[ ] PEST	[ ]	[ ]	[ ]
[X] PCB	[X]	[X]	[ ]
[X] INORGANICS	[X]	[X]	[ ]
[ ]	[ ]	[ ]	[ ]
[ ]	[ ]	[ ]	[ ]
[ ]	[ ]	[ ]	[ ]
[ ]	[ ]	[ ]	[ ]
[ ]	[ ]	[ ]	[ ]
[ ]	[ ]	[ ]	[ ]

VOLUME COLLECTED/NOTES
500ml (PCB)
1 x ~~8oz~~ amberglass jar

NOTES/SKETCH



Checked by CRS 6/3/10

MACTEC
511 Congress Steet
Portland, ME 04101

FIGURE 4-12
SURFACE SOIL SAMPLE DATA RECORD
NYSDEC QUALITY ASSURANCE PROGRAM PLAN

PORT2007022j.mac

SURFACE SOIL SAMPLE FIELD DATA RECORD

Project: ERDLE-NYSDEC
Project Number: 36120720944-0521
Sample Location ID: 828U7255-06
SS-06

Site: —
Date: 4/15/10
Time: Start: 1455 End: 1535
Signature of Sampler: Jerry Renfro
Sample time 1515

SOIL SAMPLE

DEPTH OF SAMPLE INTERVAL: 0 - 0.9'
(Feet below ground surface)
reported to 1/10 foot

EQUIPMENT USED FOR COLLECTION:
- [X] HAND AUGER
- [ ] S.S. SPLIT SPOON
- [ ] SHOVEL
- [ ] HAND SPOON
- [ ] ALUMINUM PANS
- [X] SS ~~BUCKET~~ Bowl
- [ ] _____

TYPE OF SAMPLE COLLECTED:
- [X] DISCRETE VOA
- [X] COMPOSITE

SAMPLE OBSERVATIONS:
- [ ] ODOR Organic decay
- [ ] COLOR Dark brown
- [ ] _____

DECONTAMINATION FLUIDS USED:
- ✓ ALL USED
- [ ] ETHYL ALCOHOL
- [ ] 25% METHANOL/ 75% ASTM TYPE II WATER
- [X] DEIONIZED WATER
- [X] LIQUINOX SOLUTION
- [ ] HEXANE
- [ ] HNO_3 SOLUTION
- [ ] POTABLE WATER
- [ ] NONE

SOIL TYPE:
- [ ] CLAY
- [ ] SAND
- [X] ORGANIC
- [ ] GRAVEL

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID: _____

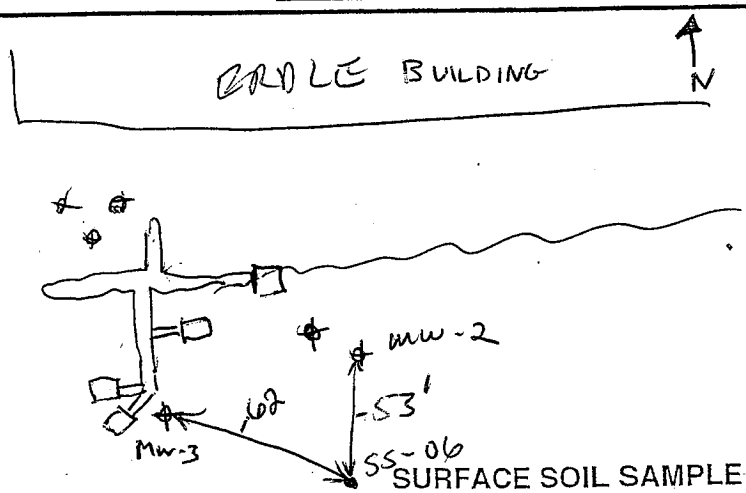
SAMPLE LOCATION SKETCH:
- [X] YES
- [ ] NO

PID Reading _____

SAMPLES COLLECTED

✓ IF REQUIRED AT THIS LOCATION	MATRIX: SURFACE SOIL	✓ IF SAMPLE COLLECTED	✓ IF PRESERVED	VOLUME COLLECTED/NOTES
[X] VOC	[X]	[X]	[ ]	1 x 500ml Amber glass jar
[X] SVOC	[X]	[X]	[ ]	1 x 40ml 10m WBOH
[ ] PEST	[ ]	[ ]	[ ]	2 x 40ml 5m DF
[X] PCB	[X]	[X]	[ ]	
[X] INORGANICS	[X]	[X]	[ ]	
[ ]	[ ]	[ ]	[ ]	
[ ]	[ ]	[ ]	[ ]	
[ ]	[ ]	[ ]	[ ]	
[ ]	[ ]	[ ]	[ ]	
[ ]	[ ]	[ ]	[ ]	
[ ]	[ ]	[ ]	[ ]	

NOTES/SKETCH



checked by C Staples 6/7/10

MACTEC
511 Congress Steet
Portland, ME 04101

FIGURE 4-12
SURFACE SOIL SAMPLE DATA RECORD
NYSDEC QUALITY ASSURANCE PROGRAM PLAN

PORT2007022j.mac

SURFACE SOIL SAMPLE FIELD DATA RECORD

Project: ERDLE-NYSDEC
Project Number: 36120722094-05.1
Sample Location ID: 82807235-07 (SS-07)
Site: —
Date: 4/15/10
Time: Start: 1535 End: 1605
Signature of Sampler: Jerry Rawls
Sample time 1550

SOIL SAMPLE

DEPTH OF SAMPLE INTERVAL: 0 - 0.8
(Feet below ground surface) reported to 1/10 foot

Reddish brown clay silt

EQUIPMENT USED FOR COLLECTION:
- [X] HAND AUGER
- [ ] S.S. SPLIT SPOON
- [ ] SHOVEL
- [ ] HAND SPOON
- [ ] ALUMINUM PANS
- [X] SS ~~BUCKET~~ Bowl
- [ ] _____

TYPE OF SAMPLE COLLECTED:
- [X] DISCRETE VOA
- [X] COMPOSITE

SAMPLE OBSERVATIONS:
- [ ] ODOR none obvious
- [ ] COLOR Reddish brown
- [ ] _____

DECONTAMINATION FLUIDS USED:
- ✓ ALL USED
- [ ] ETHYL ALCOHOL
- [ ] 25% METHANOL/ 75% ASTM TYPE II WATER
- [X] DEIONIZED WATER
- [X] LIQUINOX SOLUTION
- [ ] HEXANE
- [ ] HNO_3 SOLUTION
- [ ] POTABLE WATER
- [ ] NONE

SOIL TYPE:
- [X] CLAY
- [ ] SAND
- [X] ~~ORGANIC~~ OR
- [ ] GRAVEL

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID: _____

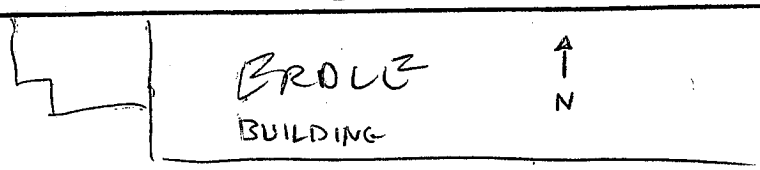
SAMPLE LOCATION SKETCH:
- [X] YES
- [ ] NO

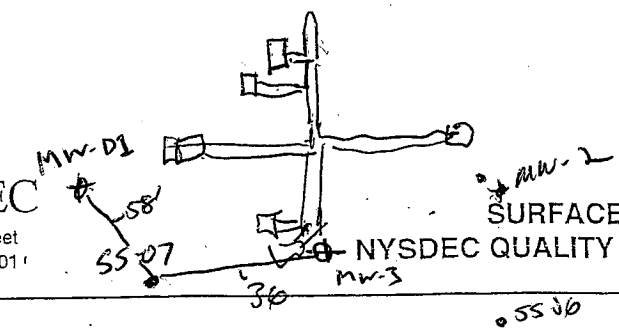
PID Reading _____

SAMPLES COLLECTED

✓ IF REQUIRED AT THIS LOCATION	MATRIX: SURFACE SOIL	✓ IF SAMPLE COLLECTED	✓ IF PRESERVED	VOLUME COLLECTED/NOTES
[X] VOC	[X]	[X]	[ ]	1x500ml amber glass
[X] SVOC	[X]	[X]	[ ]	1x40ml 10ml MeOH
[ ] PEST	[ ]	[ ]	[ ]	2x40ml 5ml DI
[X] PCB	[X]	[X]	[ ]	
[X] INORGANICS	[X]	[X]	[ ]	
[ ]	[ ]	[ ]	[ ]	
[ ]	[ ]	[ ]	[ ]	
[ ]	[ ]	[ ]	[ ]	
[ ]	[ ]	[ ]	[ ]	
[ ]	[ ]	[ ]	[ ]	
[ ]	[ ]	[ ]	[ ]	

NOTES/SKETCH





Checked by C. Stapler 6/3/10

MACTEC
511 Congress Steet
Portland, ME 04101

FIGURE 4-12
SURFACE SOIL SAMPLE DATA RECORD
NYSDEC QUALITY ASSURANCE PROGRAM PLAN

PORT2007022j.mac

ATTACHMENT 2

DATA USABITILITY SUMMARY REPORT

DATA USABILITY SUMMARY REPORT
2010 SOIL SAMPLING
ERDLE PERFORATING SITE
GATES, NEW YORK

1.0 INTRODUCTION

Seven direct push soil samples were collected on April 15, 2010 at the Erdle Perforating Site (Site) in Gates, New York and submitted to Accutest Laboratories located in Marlborough, Massachusetts. Results were reported in Sample Delivery Groups (SDGs): M90665 and M90665R.

A listing of samples included in this Data Usability Summary Report is presented in Table 1. A summary of the analytical results is presented in Table 2. Samples were analyzed by the following methods:

- Volatile organic compounds (VOCs) by USEPA Method 8260B,
- Semi volatile compounds (SVOCs) by USEPA Method 8270C,
- Pesticides by USEPA Method 8081,
- Polychlorinated biphenyls (PCBs) by USEPA Method 8082,
- Metals and Mercury by USEPA Methods 6010B and 7471A,
- Percent Solids by Standard Methods 212540B Modified.

Deliverables for the off-site laboratory analyses included a Category B deliverable as defined in the New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocols (NYSDEC, 2005) for SDGs M90665 and M90665R. Tentatively Identified Compounds (TICs) were reported by the laboratory and are presented in Table 3. TICs were not evaluated as part of the DUSR.

A project chemist review was completed based on NYSDEC Division of Environmental Remediation guidance for Data Usability Summary Reports (NYSDEC, 2010) for SDGs M90665 and M90665R. Laboratory quality control (QC) limits were used during the data evaluation unless noted otherwise. The project chemist review included evaluations of sample collection, data package completeness, holding times, QC data (blanks, instrument calibrations, duplicates, lab control samples, and surrogate recovery), data transcription, electronic data reporting, calculations, and data qualification.

Table 1

SDG	Media	Location	Sample ID	Sample Date	Class Method Fraction Qc Code	VOC SW8260B T	SVOC SW8270C T	Metals SW6010B T	Metals SW7471A T	PCBs SW8082 T	Solids SM212540 T	Pesticides SW8081 T
M90665	SOIL	SS-01	828072SS-01	4/15/2010	FS		X	X	X	X	X	X
M90665	SOIL	SS-02	828072SS-02	4/15/2010	FS		X	X	X	X	X	
M90665	SOIL	SS-03	828072SS-03	4/15/2010	FS		X	X	X	X	X	
M90665	SOIL	SS-04	828072SS-04	4/15/2010	FS		X	X	X	X	X	X
M90665	SOIL	SS-05	828072SS-05	4/15/2010	FS		X	X	X	X	X	X
M90665	SOIL	SS-06	828072SS-06	4/15/2010	FS	X	X	X	X	X	X	X
M90665	SOIL	SS-07	828072SS-07	4/15/2010	FS	X	X	X	X	X	X	X

The following laboratory or data validation qualifiers are used in the final data presentation.

U = target analyte is not detected at the reported detection limit
J = concentration is estimated

2.0 VOLATILE ORGANIC COMPOUNDS (VOCS)

Instrument Calibration

In the initial calibration, the percent relative standard deviation (RSD) for methyl tert butyl ether (21), carbon disulfide (27), 2-butanone (30), 1,1,1-trichloroethane (22), carbon tetrachloride (26), bromodichloromethane (24), cis-1,3-dichloropropene (50), trans-1,3-dichloropropene (44), 2-hexanone (21), bromoform (37), 1,2-dibromo-3-chloropropane (37), and 1,2,4-trichlorobenzene (32) exceeded the QC limit of 20. Sample results for methyl tert butyl ether, carbon disulfide, 2-butanone, 1,1,1-trichloroethane, carbon tetrachloride, bromodichloromethane, cis-1,3-dichloropropene, trans-1,3-dichloropropene, 2-hexanone, bromoform, 1,2-dibromo-3-chloropropane, and 1,2,4-trichlorobenzene were non detect and were qualified estimated (UJ).

In the continuing calibration analyzed on April 20, 2010 had a percent difference greater than the control limit of 20 for acetone (37) and 2-butanone (21). Sample results for 2-butanone were qualified previously under the initial calibration criteria. Sample result for acetone were qualified estimated (J/UJ).

Surrogate Recovery

The percent recovery of 4-bromofluorobenzene in sample 828072SS-06 (134 and 131) exceeded the upper QC limit o f 130. Reported detections in sample 828072SS-06 were qualified estimated (J).

3.0 SEMI VOLATILE ORGANIC COMPOUNDS (SVOCS)

Instrument Calibration

In the initial calibration, the percent RSD for hexachlorocyclopentadiene (17), 2,4-dinitrophenol (19), 4,6-dinitro-2-methyl phenol (20), pentachlorophenol (18), butyl benzyl phthalate (15.5), bis (2-ethylhexyl) phthalate (26), and di-n-octyl phthalate (25) exceeded the QC limit of 15. Sample results for hexachlorocyclopentadiene, 2,4-dinitrophenol, 4,6-dinitro-2-methyl phenol, pentachlorophenol, butyl benzyl phthalate, bis (2-ethylhexyl) phthalate, and di-n-octyl phthalate were non detect and were qualified estimated (UJ).

Laboratory Control Sample Results

The LCS percent recovery of acetophenone (157), 2-chloronaphthalene (164), 2,4-dinitrotoluene (176), 2,6-dinitro toluene (176), hexachlorobenzene (164), hexachlorobutadiene (159), hexachlorocyclopentadiene (187), hexachloroethane (160), and nitrobenzene (148) exceeded the upper QC limits. Sample results were non detect, no further action required.

Matrix Spike

Sample 828072SS-05 was analyzed as an MS/MSD by the laboratory. The MS percent recovery of 2,4-dinitrophenol (27) was less than the lower QC limit. The MS and/or MSD percent

recoveries of acetophenone (143), 2-chloronaphthalene (143 and 160), 2,4-dinitrotoluene (162 and 176), 2,6-dinitro toluene (161 and 175), hexachlorobenzene (154 and 166), and hexachlorobutadiene (145) exceeded the upper QC limits. The result for 2,4-dinitirophenol in the unspiked sample was non detect and was qualified estimated (UJ). The result for acetophenone, 2-chloronaphthalene, 2,4-dinitrotoluene, 2,6-dinitro toluene, hexachlorobenzene, and hexachlorobutadiene in the unspiked sample were non detect, no further action required.

4.0 PESTICIDES

Holding Time and Sample Collection

The laboratory extracted the samples two days beyond technical hold time. All sample results were non detect and were qualified estimated (UJ).

Instrument Calibration

In the initial calibration, the percent RSD for 4,4'-DDD (21),endrin aldehyde (39), endosulfan sulfate (25), and methoxychlor (27) exceeded the QC limit of 20. Sample results for 4,4'-DDD,endrin aldehyde, endosulfan sulfate, and methoxychlor were non detect and were qualified estimated (UJ).

In the continuing calibration, the percent difference for heptachlor (-23), 4,4'-DDT (-27), and methoxychlor (-28) exceeded the QC limit of 20. Sample results for methoxychlor were qualified previously under the initial calibration criteria. Sample results for heptachlor and 4,4'-DDT were non detect and were qualified estimated (UJ).

Laboratory Control Sample Results

Most of the LCS analyte percent recoveries exceeded the upper QC limits. LCS percent recoveries ranged from 144 to 212. Sample results were non detect, no further action required.

5.0 POLYCHLORINATED BIPEHNYLS (PCBs)

No quality control issues were identified and results are interpreted to be usable as reported by the laboratory.

6.0 METALS AND MERCURY

No quality control issues were identified and results are interpreted to be usable as reported by the laboratory.

7.0 PERCENT SOLIDS

No quality control issues were identified and results are interpreted to be usable as reported by the laboratory.

Reference:

New York State Department of Environmental Conservation (NYSDEC), 2005. "Analytical Services Protocols"; July 2005.

New York State Department of Environmental Conservation (NYSDEC), 2002. "Technical Guidance for Site Investigation and Remediation-Appendix 2B"; Draft DER-10; Division of Environmental Remediation; December 2002.

Data Validator: Wolfgang Calicchio

Date: June 4, 2010

Reviewed by: Jayme Connolly

Date: June 4, 2010

DUSR TABLE 2
Results Summary
SDG M90665 and M90665R
Erdle Perforating

		Location	SS-01		SS-02	
		Sample Date	4/15/2010		4/15/2010	
		Sample ID	828072SS-01		828072SS-02	
		Qc Code	FS		FS	
Analysis	Param Name	Units	Result	Qualifier	Result	Qualifier
SW8260	1,1,1-Trichloroethane	ug/kg				
SW8260	1,1,2,2-Tetrachloroethane	ug/kg				
SW8260	1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg				
SW8260	1,1,2-Trichloroethane	ug/kg				
SW8260	1,1-Dichloroethane	ug/kg				
SW8260	1,1-Dichloroethene	ug/kg				
SW8260	1,2,4-Trichlorobenzene	ug/kg				
SW8260	1,2-Dibromo-3-chloropropane	ug/kg				
SW8260	1,2-Dibromoethane	ug/kg				
SW8260	1,2-Dichlorobenzene	ug/kg				
SW8260	1,2-Dichloroethane	ug/kg				
SW8260	1,2-Dichloropropane	ug/kg				
SW8260	1,3-Dichlorobenzene	ug/kg				
SW8260	1,4-Dichlorobenzene	ug/kg				
SW8260	2-Butanone	ug/kg				
SW8260	2-Hexanone	ug/kg				
SW8260	4-Methyl-2-pentanone	ug/kg				
SW8260	Acetic acid, methyl ester	ug/kg				
SW8260	Acetone	ug/kg				
SW8260	Benzene	ug/kg				
SW8260	Bromodichloromethane	ug/kg				
SW8260	Bromoform	ug/kg				
SW8260	Bromomethane	ug/kg				
SW8260	Carbon disulfide	ug/kg				
SW8260	Carbon tetrachloride	ug/kg				
SW8260	Chlorobenzene	ug/kg				
SW8260	Chlorodibromomethane	ug/kg				
SW8260	Chloroethane	ug/kg				
SW8260	Chloroform	ug/kg				
SW8260	Chloromethane	ug/kg				
SW8260	Cis-1,2-Dichloroethene	ug/kg				
SW8260	cis-1,3-Dichloropropene	ug/kg				
SW8260	Cyclohexane	ug/kg				
SW8260	Dichlorodifluoromethane	ug/kg				
SW8260	Ethyl benzene	ug/kg				
SW8260	Isopropylbenzene	ug/kg				
SW8260	Methyl cyclohexane	ug/kg				
SW8260	Methyl Tertbutyl Ether	ug/kg				
SW8260	Methylene chloride	ug/kg				
SW8260	Styrene	ug/kg				
SW8260	Tetrachloroethene	ug/kg				
SW8260	Toluene	ug/kg				
SW8260	trans-1,2-Dichloroethene	ug/kg				
SW8260	trans-1,3-Dichloropropene	ug/kg				
SW8260	Trichloroethene	ug/kg				
SW8260	Trichlorofluoromethane	ug/kg				
SW8260	Vinyl chloride	ug/kg				

produced by: BJS 6/3/10
reveiwed by: WDC 6/3/10

DUSR TABLE 2
Results Summary
SDG M90665 and M90665R
Erdle Perforating

		Location	SS-01		SS-02	
		Sample Date	4/15/2010		4/15/2010	
		Sample ID	828072SS-01		828072SS-02	
		Qc Code	FS		FS	
Analysis	Param Name	Units	Result	Qualifier	Result	Qualifier
SW8260	Xylenes, Total	ug/kg				
SW8468270C	2,4,5-Trichlorophenol	ug/kg	590	U	740	U
SW8468270C	2,4,6-Trichlorophenol	ug/kg	590	U	740	U
SW8468270C	2,4-Dichlorophenol	ug/kg	590	U	740	U
SW8468270C	2,4-Dimethylphenol	ug/kg	590	U	740	U
SW8468270C	2,4-Dinitrophenol	ug/kg	1,200	UJ	1,500	UJ
SW8468270C	2,4-Dinitrotoluene	ug/kg	590	U	740	U
SW8468270C	2,6-Dinitrotoluene	ug/kg	590	U	740	U
SW8468270C	2-Chloronaphthalene	ug/kg	290	U	370	U
SW8468270C	2-Chlorophenol	ug/kg	290	U	370	U
SW8468270C	2-Methylnaphthalene	ug/kg	290	U	370	U
SW8468270C	2-Methylphenol	ug/kg	590	U	740	U
SW8468270C	2-Nitroaniline	ug/kg	590	U	740	U
SW8468270C	2-Nitrophenol	ug/kg	590	U	740	U
SW8468270C	3 & 4 Methylphenol	ug/kg	590	U	740	U
SW8468270C	3,3`-Dichlorobenzidine	ug/kg	290	U	370	U
SW8468270C	3-Nitroaniline	ug/kg	590	U	740	U
SW8468270C	4,6-Dinitro-2-methylphenol	ug/kg	590	UJ	740	UJ
SW8468270C	4-Bromophenyl phenyl ether	ug/kg	290	U	370	U
SW8468270C	4-Chloro-3-methylphenol	ug/kg	590	U	740	U
SW8468270C	4-Chloroaniline	ug/kg	590	U	740	U
SW8468270C	4-Chlorophenyl phenyl ether	ug/kg	290	U	370	U
SW8468270C	4-Nitroaniline	ug/kg	590	U	740	U
SW8468270C	4-Nitrophenol	ug/kg	1,200	U	1,500	U
SW8468270C	Acenaphthene	ug/kg	290	U	370	U
SW8468270C	Acenaphthylene	ug/kg	290	U	370	U
SW8468270C	Acetophenone	ug/kg	590	U	740	U
SW8468270C	Anthracene	ug/kg	290	U	370	U
SW8468270C	Atrazine	ug/kg	590	U	740	U
SW8468270C	Benzaldehyde	ug/kg	1,200	U	1,500	U
SW8468270C	Benzo(a)anthracene	ug/kg	290	U	370	U
SW8468270C	Benzo(a)pyrene	ug/kg	290	U	370	U
SW8468270C	Benzo(b)fluoranthene	ug/kg	290	U	370	U
SW8468270C	Benzo(ghi)perylene	ug/kg	290	U	370	U
SW8468270C	Benzo(k)fluoranthene	ug/kg	290	U	370	U
SW8468270C	Biphenyl	ug/kg	590	U	740	U
SW8468270C	Bis(2-Chloroethoxy)methane	ug/kg	290	U	370	U
SW8468270C	Bis(2-Chloroethyl)ether	ug/kg	290	U	370	U
SW8468270C	Bis(2-Chloroisopropyl)ether	ug/kg	290	U	370	U
SW8468270C	Bis(2-Ethylhexyl)phthalate	ug/kg	290	UJ	370	UJ
SW8468270C	Butylbenzylphthalate	ug/kg	290	UJ	370	UJ
SW8468270C	Caprolactum	ug/kg	590	U	740	U
SW8468270C	Carbazole	ug/kg	290	U	370	U
SW8468270C	Chrysene	ug/kg	290	U	370	U
SW8468270C	Di-n-butylphthalate	ug/kg	290	U	370	U
SW8468270C	Di-n-octylphthalate	ug/kg	290	UJ	370	UJ
SW8468270C	Dibenz(a,h)anthracene	ug/kg	290	U	370	U

DUSR TABLE 2
Results Summary
SDG M90665 and M90665R
Erdle Perforating

		Location	SS-01		SS-02	
		Sample Date	4/15/2010		4/15/2010	
		Sample ID	828072SS-01		828072SS-02	
		Qc Code	FS		FS	
Analysis	Param Name	Units	Result	Qualifier	Result	Qualifier
SW8468270C	Dibenzofuran	ug/kg	290	U	370	U
SW8468270C	Diethylphthalate	ug/kg	290	U	370	U
SW8468270C	Dimethylphthalate	ug/kg	290	U	370	U
SW8468270C	Fluoranthene	ug/kg	290	U	370	U
SW8468270C	Fluorene	ug/kg	290	U	370	U
SW8468270C	Hexachlorobenzene	ug/kg	290	U	370	U
SW8468270C	Hexachlorobutadiene	ug/kg	290	U	370	U
SW8468270C	Hexachlorocyclopentadiene	ug/kg	590	UJ	740	UJ
SW8468270C	Hexachloroethane	ug/kg	290	U	370	U
SW8468270C	Indeno(1,2,3-cd)pyrene	ug/kg	290	U	370	U
SW8468270C	Isophorone	ug/kg	290	U	370	U
SW8468270C	N-Nitrosodi-n-propylamine	ug/kg	290	U	370	U
SW8468270C	N-Nitrosodiphenylamine	ug/kg	290	U	370	U
SW8468270C	Naphthalene	ug/kg	290	U	370	U
SW8468270C	Nitrobenzene	ug/kg	290	U	370	U
SW8468270C	Pentachlorophenol	ug/kg	590	UJ	740	UJ
SW8468270C	Phenanthrene	ug/kg	290	U	370	U
SW8468270C	Phenol	ug/kg	290	U	370	U
SW8468270C	Pyrene	ug/kg	290	U	370	U
SW8468081	4,4`-DDD	ug/kg	7.6	UJ		
SW8468081	4,4`-DDE	ug/kg	7.6	UJ		
SW8468081	4,4`-DDT	ug/kg	7.6	UJ		
SW8468081	Aldrin	ug/kg	7.6	UJ		
SW8468081	Alpha-BHC	ug/kg	7.6	UJ		
SW8468081	Beta-BHC	ug/kg	7.6	UJ		
SW8468081	Chlordane (technical)	ug/kg	76	UJ		
SW8468081	Delta-BHC	ug/kg	7.6	UJ		
SW8468081	Dieldrin	ug/kg	7.6	UJ		
SW8468081	Endosulfan I	ug/kg	7.6	UJ		
SW8468081	Endosulfan II	ug/kg	7.6	UJ		
SW8468081	Endosulfan sulfate	ug/kg	7.6	UJ		
SW8468081	Endrin	ug/kg	7.6	UJ		
SW8468081	Endrin aldehyde	ug/kg	7.6	UJ		
SW8468081	Gamma-BHC/Lindane	ug/kg	7.6	UJ		
SW8468081	Heptachlor	ug/kg	7.6	UJ		
SW8468081	Heptachlor epoxide	ug/kg	7.6	UJ		
SW8468081	Methoxychlor	ug/kg	7.6	UJ		
SW8468081	Toxaphene	ug/kg	76	UJ		
SW8468082	Aroclor-1016	ug/kg	120	U	150	U
SW8468082	Aroclor-1221	ug/kg	120	U	150	U
SW8468082	Aroclor-1232	ug/kg	120	U	150	U
SW8468082	Aroclor-1242	ug/kg	120	U	150	U
SW8468082	Aroclor-1248	ug/kg	120	U	150	U
SW8468082	Aroclor-1254	ug/kg	120	U	150	U
SW8468082	Aroclor-1260	ug/kg	120	U	150	U
SW8466010B	Aluminum	mg/kg	6,310		17,400	
SW8466010B	Antimony	mg/kg	1.9	U	2.2	U

produced by: BJS 6/3/10
reveiwed by: WDC 6/3/10

DUSR TABLE 2
Results Summary
SDG M90665 and M90665R
Erdle Perforating

		Location	SS-01		SS-02	
		Sample Date	4/15/2010		4/15/2010	
		Sample ID	828072SS-01		828072SS-02	
		Qc Code	FS		FS	
Analysis	**Param Name**	**Units**	Result	Qualifier	Result	Qualifier
SW8466010B	Arsenic	mg/kg	2.4		4.6	
SW8466010B	Barium	mg/kg	41.4		101	
SW8466010B	Beryllium	mg/kg	0.38	U	0.84	
SW8466010B	Cadmium	mg/kg	0.38	U	0.44	U
SW8466010B	Calcium	mg/kg	2,030		5,330	
SW8466010B	Chromium	mg/kg	11.1		17.7	
SW8466010B	Cobalt	mg/kg	4.7	U	5.6	
SW8466010B	Copper	mg/kg	8.3		9.7	
SW8466010B	Iron	mg/kg	16,100		19,700	
SW8466010B	Lead	mg/kg	3.1		13.7	
SW8466010B	Magnesium	mg/kg	1,890		2,850	
SW8466010B	Manganese	mg/kg	338		221	
SW8466010B	Nickel	mg/kg	9.8		14	
SW8466010B	Potassium	mg/kg	597		1430	
SW8466010B	Selenium	mg/kg	1.9	U	2.2	U
SW8466010B	Silver	mg/kg	0.47	U	0.55	U
SW8466010B	Sodium	mg/kg	470	U	550	U
SW8466010B	Thallium	mg/kg	1.9	U	2.2	U
SW8466010B	Vanadium	mg/kg	22.7		29.9	
SW8466010B	Zinc	mg/kg	21.3		91.3	
SW8467471A	Mercury	mg/kg	0.036	U	0.098	
SM212540BMOD	Percent Solids	Percent	83.3		65.7	

Notes:
ug/kg = microgram per kilogram
mg/kg = milligram per kilogram
FS = field sample
U = not detected
J = estimated value

produced by: BJS 6/3/10
reveiwed by: WDC 6/3/10

DUSR TABLE 2
Results Summary
SDG M90665 and M90665R
Erdle Perforating

		Location	SS-03		SS-04	
		Sample Date	4/15/2010		4/15/2010	
		Sample ID	828072SS-03		828072SS-04	
		Qc Code	FS		FS	
Analysis	Param Name	Units	Result	Qualifier	Result	Qualifier
SW8260	1,1,1-Trichloroethane	ug/kg				
SW8260	1,1,2,2-Tetrachloroethane	ug/kg				
SW8260	1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg				
SW8260	1,1,2-Trichloroethane	ug/kg				
SW8260	1,1-Dichloroethane	ug/kg				
SW8260	1,1-Dichloroethene	ug/kg				
SW8260	1,2,4-Trichlorobenzene	ug/kg				
SW8260	1,2-Dibromo-3-chloropropane	ug/kg				
SW8260	1,2-Dibromoethane	ug/kg				
SW8260	1,2-Dichlorobenzene	ug/kg				
SW8260	1,2-Dichloroethane	ug/kg				
SW8260	1,2-Dichloropropane	ug/kg				
SW8260	1,3-Dichlorobenzene	ug/kg				
SW8260	1,4-Dichlorobenzene	ug/kg				
SW8260	2-Butanone	ug/kg				
SW8260	2-Hexanone	ug/kg				
SW8260	4-Methyl-2-pentanone	ug/kg				
SW8260	Acetic acid, methyl ester	ug/kg				
SW8260	Acetone	ug/kg				
SW8260	Benzene	ug/kg				
SW8260	Bromodichloromethane	ug/kg				
SW8260	Bromoform	ug/kg				
SW8260	Bromomethane	ug/kg				
SW8260	Carbon disulfide	ug/kg				
SW8260	Carbon tetrachloride	ug/kg				
SW8260	Chlorobenzene	ug/kg				
SW8260	Chlorodibromomethane	ug/kg				
SW8260	Chloroethane	ug/kg				
SW8260	Chloroform	ug/kg				
SW8260	Chloromethane	ug/kg				
SW8260	Cis-1,2-Dichloroethene	ug/kg				
SW8260	cis-1,3-Dichloropropene	ug/kg				
SW8260	Cyclohexane	ug/kg				
SW8260	Dichlorodifluoromethane	ug/kg				
SW8260	Ethyl benzene	ug/kg				
SW8260	Isopropylbenzene	ug/kg				
SW8260	Methyl cyclohexane	ug/kg				
SW8260	Methyl Tertbutyl Ether	ug/kg				
SW8260	Methylene chloride	ug/kg				
SW8260	Styrene	ug/kg				
SW8260	Tetrachloroethene	ug/kg				
SW8260	Toluene	ug/kg				
SW8260	trans-1,2-Dichloroethene	ug/kg				
SW8260	trans-1,3-Dichloropropene	ug/kg				
SW8260	Trichloroethene	ug/kg				
SW8260	Trichlorofluoromethane	ug/kg				
SW8260	Vinyl chloride	ug/kg				

produced by: BJS 6/3/10
reveiwed by: WDC 6/3/10

DUSR TABLE 2
Results Summary
SDG M90665 and M90665R
Erdle Perforating

		Location	SS-03		SS-04	
		Sample Date	4/15/2010		4/15/2010	
		Sample ID	828072SS-03		828072SS-04	
		Qc Code	FS		FS	
Analysis	Param Name	Units	Result	Qualifier	Result	Qualifier
SW8260	Xylenes, Total	ug/kg				
SW8468270C	2,4,5-Trichlorophenol	ug/kg	600	U	620	U
SW8468270C	2,4,6-Trichlorophenol	ug/kg	600	U	620	U
SW8468270C	2,4-Dichlorophenol	ug/kg	600	U	620	U
SW8468270C	2,4-Dimethylphenol	ug/kg	600	U	620	U
SW8468270C	2,4-Dinitrophenol	ug/kg	1,200	UJ	1,200	UJ
SW8468270C	2,4-Dinitrotoluene	ug/kg	600	U	620	U
SW8468270C	2,6-Dinitrotoluene	ug/kg	600	U	620	U
SW8468270C	2-Chloronaphthalene	ug/kg	300	U	310	U
SW8468270C	2-Chlorophenol	ug/kg	300	U	310	U
SW8468270C	2-Methylnaphthalene	ug/kg	300	U	310	U
SW8468270C	2-Methylphenol	ug/kg	600	U	620	U
SW8468270C	2-Nitroaniline	ug/kg	600	U	620	U
SW8468270C	2-Nitrophenol	ug/kg	600	U	620	U
SW8468270C	3 & 4 Methylphenol	ug/kg	600	U	620	U
SW8468270C	3,3`-Dichlorobenzidine	ug/kg	300	U	310	U
SW8468270C	3-Nitroaniline	ug/kg	600	U	620	U
SW8468270C	4,6-Dinitro-2-methylphenol	ug/kg	600	UJ	620	UJ
SW8468270C	4-Bromophenyl phenyl ether	ug/kg	300	U	310	U
SW8468270C	4-Chloro-3-methylphenol	ug/kg	600	U	620	U
SW8468270C	4-Chloroaniline	ug/kg	600	U	620	U
SW8468270C	4-Chlorophenyl phenyl ether	ug/kg	300	U	310	U
SW8468270C	4-Nitroaniline	ug/kg	600	U	620	U
SW8468270C	4-Nitrophenol	ug/kg	1,200	U	1,200	U
SW8468270C	Acenaphthene	ug/kg	300	U	310	U
SW8468270C	Acenaphthylene	ug/kg	300	U	310	U
SW8468270C	Acetophenone	ug/kg	600	U	620	U
SW8468270C	Anthracene	ug/kg	300	U	2890	
SW8468270C	Atrazine	ug/kg	600	U	620	U
SW8468270C	Benzaldehyde	ug/kg	1,200	U	1,200	U
SW8468270C	Benzo(a)anthracene	ug/kg	300	U	4920	
SW8468270C	Benzo(a)pyrene	ug/kg	300	U	3090	
SW8468270C	Benzo(b)fluoranthene	ug/kg	300	U	3490	
SW8468270C	Benzo(ghi)perylene	ug/kg	300	U	1820	
SW8468270C	Benzo(k)fluoranthene	ug/kg	300	U	2940	
SW8468270C	Biphenyl	ug/kg	600	U	620	U
SW8468270C	Bis(2-Chloroethoxy)methane	ug/kg	300	U	310	U
SW8468270C	Bis(2-Chloroethyl)ether	ug/kg	300	U	310	U
SW8468270C	Bis(2-Chloroisopropyl)ether	ug/kg	300	U	310	U
SW8468270C	Bis(2-Ethylhexyl)phthalate	ug/kg	300	UJ	310	UJ
SW8468270C	Butylbenzylphthalate	ug/kg	300	UJ	310	UJ
SW8468270C	Caprolactum	ug/kg	600	U	620	U
SW8468270C	Carbazole	ug/kg	300	U	681	
SW8468270C	Chrysene	ug/kg	300	U	4360	
SW8468270C	Di-n-butylphthalate	ug/kg	300	U	310	U
SW8468270C	Di-n-octylphthalate	ug/kg	300	UJ	310	UJ
SW8468270C	Dibenz(a,h)anthracene	ug/kg	300	U	649	

DUSR TABLE 2
Results Summary
SDG M90665 and M90665R
Erdle Perforating

		Location	SS-03		SS-04	
		Sample Date	4/15/2010		4/15/2010	
		Sample ID	828072SS-03		828072SS-04	
		Qc Code	FS		FS	
Analysis	Param Name	Units	Result	Qualifier	Result	Qualifier
SW8468270C	Dibenzofuran	ug/kg	300	U	310	U
SW8468270C	Diethylphthalate	ug/kg	300	U	310	U
SW8468270C	Dimethylphthalate	ug/kg	300	U	310	U
SW8468270C	Fluoranthene	ug/kg	300	U	12300	
SW8468270C	Fluorene	ug/kg	300	U	456	
SW8468270C	Hexachlorobenzene	ug/kg	300	U	310	U
SW8468270C	Hexachlorobutadiene	ug/kg	300	U	310	U
SW8468270C	Hexachlorocyclopentadiene	ug/kg	600	UJ	620	UJ
SW8468270C	Hexachloroethane	ug/kg	300	U	310	U
SW8468270C	Indeno(1,2,3-cd)pyrene	ug/kg	300	U	1820	
SW8468270C	Isophorone	ug/kg	300	U	310	U
SW8468270C	N-Nitrosodi-n-propylamine	ug/kg	300	U	310	U
SW8468270C	N-Nitrosodiphenylamine	ug/kg	300	U	310	U
SW8468270C	Naphthalene	ug/kg	300	U	310	U
SW8468270C	Nitrobenzene	ug/kg	300	U	310	U
SW8468270C	Pentachlorophenol	ug/kg	600	UJ	620	UJ
SW8468270C	Phenanthrene	ug/kg	300	U	8730	
SW8468270C	Phenol	ug/kg	300	U	310	U
SW8468270C	Pyrene	ug/kg	300	U	8590	
SW8468081	4,4`-DDD	ug/kg			8.3	UJ
SW8468081	4,4`-DDE	ug/kg			8.3	UJ
SW8468081	4,4`-DDT	ug/kg			8.3	UJ
SW8468081	Aldrin	ug/kg			8.3	UJ
SW8468081	Alpha-BHC	ug/kg			8.3	UJ
SW8468081	Beta-BHC	ug/kg			8.3	UJ
SW8468081	Chlordane (technical)	ug/kg			83	UJ
SW8468081	Delta-BHC	ug/kg			8.3	UJ
SW8468081	Dieldrin	ug/kg			8.3	UJ
SW8468081	Endosulfan I	ug/kg			8.3	UJ
SW8468081	Endosulfan II	ug/kg			8.3	UJ
SW8468081	Endosulfan sulfate	ug/kg			8.3	UJ
SW8468081	Endrin	ug/kg			8.3	UJ
SW8468081	Endrin aldehyde	ug/kg			8.3	UJ
SW8468081	Gamma-BHC/Lindane	ug/kg			8.3	UJ
SW8468081	Heptachlor	ug/kg			8.3	UJ
SW8468081	Heptachlor epoxide	ug/kg			8.3	UJ
SW8468081	Methoxychlor	ug/kg			8.3	UJ
SW8468081	Toxaphene	ug/kg			83	UJ
SW8468082	Aroclor-1016	ug/kg	120	U	120	U
SW8468082	Aroclor-1221	ug/kg	120	U	120	U
SW8468082	Aroclor-1232	ug/kg	120	U	120	U
SW8468082	Aroclor-1242	ug/kg	120	U	120	U
SW8468082	Aroclor-1248	ug/kg	120	U	120	U
SW8468082	Aroclor-1254	ug/kg	120	U	120	U
SW8468082	Aroclor-1260	ug/kg	120	U	120	U
SW8466010B	Aluminum	mg/kg	9,140		3,940	
SW8466010B	Antimony	mg/kg	2	U	2	U

produced by: BJS 6/3/10
reveiwed by: WDC 6/3/10

DUSR TABLE 2
Results Summary
SDG M90665 and M90665R
Erdle Perforating

		Location	SS-03		SS-04	
		Sample Date	4/15/2010		4/15/2010	
		Sample ID	828072SS-03		828072SS-04	
		Qc Code	FS		FS	
Analysis	**Param Name**	**Units**	Result	Qualifier	Result	Qualifier
SW8466010B	Arsenic	mg/kg	2.8		2.7	
SW8466010B	Barium	mg/kg	52.7		20.9	
SW8466010B	Beryllium	mg/kg	0.6		0.4	U
SW8466010B	Cadmium	mg/kg	0.4	U	0.4	U
SW8466010B	Calcium	mg/kg	5,070		61,900	
SW8466010B	Chromium	mg/kg	13.7		6.9	
SW8466010B	Cobalt	mg/kg	5.1		5	U
SW8466010B	Copper	mg/kg	11		8.6	
SW8466010B	Iron	mg/kg	19,100		9,110	
SW8466010B	Lead	mg/kg	6.9		10.4	
SW8466010B	Magnesium	mg/kg	3,350		18,100	
SW8466010B	Manganese	mg/kg	139		224	
SW8466010B	Nickel	mg/kg	15.3		8	
SW8466010B	Potassium	mg/kg	760		912	
SW8466010B	Selenium	mg/kg	2	U	2	U
SW8466010B	Silver	mg/kg	0.51	U	0.5	U
SW8466010B	Sodium	mg/kg	510	U	500	U
SW8466010B	Thallium	mg/kg	2	U	2	U
SW8466010B	Vanadium	mg/kg	28.7		9	
SW8466010B	Zinc	mg/kg	328		31.9	
SW8467471A	Mercury	mg/kg	0.046		0.037	U
SM212540BMOD	Percent Solids	Percent	81.8		79.3	

Notes:
ug/kg = microgram per kilogram
mg/kg = milligram per kilogram
FS = field sample
U = not detected
J = estimated value

DUSR TABLE 2
Results Summary
SDG M90665 and M90665R
Erdle Perforating

		Location	SS-05		SS-06	
		Sample Date	4/15/2010		4/15/2010	
		Sample ID	828072SS-05		828072SS-06	
		Qc Code	FS		FS	
Analysis	Param Name	Units	Result	Qualifier	Result	Qualifier
SW8260	1,1,1-Trichloroethane	ug/kg			3.2	UJ
SW8260	1,1,2,2-Tetrachloroethane	ug/kg			3.2	U
SW8260	1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg			7.9	U
SW8260	1,1,2-Trichloroethane	ug/kg			3.2	U
SW8260	1,1-Dichloroethane	ug/kg			3.2	U
SW8260	1,1-Dichloroethene	ug/kg			3.2	U
SW8260	1,2,4-Trichlorobenzene	ug/kg			7.9	UJ
SW8260	1,2-Dibromo-3-chloropropane	ug/kg			7.9	UJ
SW8260	1,2-Dibromoethane	ug/kg			3.2	U
SW8260	1,2-Dichlorobenzene	ug/kg			3.2	U
SW8260	1,2-Dichloroethane	ug/kg			3.2	U
SW8260	1,2-Dichloropropane	ug/kg			3.2	U
SW8260	1,3-Dichlorobenzene	ug/kg			3.2	U
SW8260	1,4-Dichlorobenzene	ug/kg			3.2	U
SW8260	2-Butanone	ug/kg			7.9	UJ
SW8260	2-Hexanone	ug/kg			7.9	UJ
SW8260	4-Methyl-2-pentanone	ug/kg			7.9	U
SW8260	Acetic acid, methyl ester	ug/kg			7.9	U
SW8260	Acetone	ug/kg			11	J
SW8260	Benzene	ug/kg			0.79	U
SW8260	Bromodichloromethane	ug/kg			3.2	UJ
SW8260	Bromoform	ug/kg			3.2	U
SW8260	Bromomethane	ug/kg			3.2	U
SW8260	Carbon disulfide	ug/kg			7.9	UJ
SW8260	Carbon tetrachloride	ug/kg			3.2	UJ
SW8260	Chlorobenzene	ug/kg			3.2	U
SW8260	Chlorodibromomethane	ug/kg			3.2	U
SW8260	Chloroethane	ug/kg			7.9	U
SW8260	Chloroform	ug/kg			3.2	U
SW8260	Chloromethane	ug/kg			7.9	U
SW8260	Cis-1,2-Dichloroethene	ug/kg			3.2	U
SW8260	cis-1,3-Dichloropropene	ug/kg			3.2	UJ
SW8260	Cyclohexane	ug/kg			7.9	U
SW8260	Dichlorodifluoromethane	ug/kg			3.2	U
SW8260	Ethyl benzene	ug/kg			3.2	U
SW8260	Isopropylbenzene	ug/kg			7.9	U
SW8260	Methyl cyclohexane	ug/kg			7.9	U
SW8260	Methyl Tertbutyl Ether	ug/kg			3.2	UJ
SW8260	Methylene chloride	ug/kg			3.2	U
SW8260	Styrene	ug/kg			7.9	U
SW8260	Tetrachloroethene	ug/kg			3.2	U
SW8260	Toluene	ug/kg			7.9	U
SW8260	trans-1,2-Dichloroethene	ug/kg			3.2	U
SW8260	trans-1,3-Dichloropropene	ug/kg			3.2	UJ
SW8260	Trichloroethene	ug/kg			3.2	U
SW8260	Trichlorofluoromethane	ug/kg			3.2	U
SW8260	Vinyl chloride	ug/kg			3.2	U

produced by: BJS 6/3/10
reveiwed by: WDC 6/3/10

DUSR TABLE 2
Results Summary
SDG M90665 and M90665R
Erdle Perforating

		Location	SS-05		SS-06	
		Sample Date	4/15/2010		4/15/2010	
		Sample ID	828072SS-05		828072SS-06	
		Qc Code	FS		FS	
Analysis	Param Name	Units	Result	Qualifier	Result	Qualifier
SW8260	Xylenes, Total	ug/kg			3.2	U
SW8468270C	2,4,5-Trichlorophenol	ug/kg	570	U	980	U
SW8468270C	2,4,6-Trichlorophenol	ug/kg	570	U	980	U
SW8468270C	2,4-Dichlorophenol	ug/kg	570	U	980	U
SW8468270C	2,4-Dimethylphenol	ug/kg	570	U	980	U
SW8468270C	2,4-Dinitrophenol	ug/kg	1,100	UJ	2,000	UJ
SW8468270C	2,4-Dinitrotoluene	ug/kg	570	U	980	U
SW8468270C	2,6-Dinitrotoluene	ug/kg	570	U	980	U
SW8468270C	2-Chloronaphthalene	ug/kg	280	U	490	U
SW8468270C	2-Chlorophenol	ug/kg	280	U	490	U
SW8468270C	2-Methylnaphthalene	ug/kg	280	U	490	U
SW8468270C	2-Methylphenol	ug/kg	570	U	980	U
SW8468270C	2-Nitroaniline	ug/kg	570	U	980	U
SW8468270C	2-Nitrophenol	ug/kg	570	U	980	U
SW8468270C	3 & 4 Methylphenol	ug/kg	570	U	980	U
SW8468270C	3,3`-Dichlorobenzidine	ug/kg	280	U	490	U
SW8468270C	3-Nitroaniline	ug/kg	570	U	980	U
SW8468270C	4,6-Dinitro-2-methylphenol	ug/kg	570	UJ	980	UJ
SW8468270C	4-Bromophenyl phenyl ether	ug/kg	280	U	490	U
SW8468270C	4-Chloro-3-methylphenol	ug/kg	570	U	980	U
SW8468270C	4-Chloroaniline	ug/kg	570	U	980	U
SW8468270C	4-Chlorophenyl phenyl ether	ug/kg	280	U	490	U
SW8468270C	4-Nitroaniline	ug/kg	570	U	980	U
SW8468270C	4-Nitrophenol	ug/kg	1,100	U	2,000	U
SW8468270C	Acenaphthene	ug/kg	280	U	490	U
SW8468270C	Acenaphthylene	ug/kg	280	U	490	U
SW8468270C	Acetophenone	ug/kg	570	U	980	U
SW8468270C	Anthracene	ug/kg	280	U	490	U
SW8468270C	Atrazine	ug/kg	570	U	980	U
SW8468270C	Benzaldehyde	ug/kg	1,100	U	2,000	U
SW8468270C	Benzo(a)anthracene	ug/kg	280	U	490	U
SW8468270C	Benzo(a)pyrene	ug/kg	280	U	490	U
SW8468270C	Benzo(b)fluoranthene	ug/kg	280	U	490	U
SW8468270C	Benzo(ghi)perylene	ug/kg	280	U	490	U
SW8468270C	Benzo(k)fluoranthene	ug/kg	280	U	490	U
SW8468270C	Biphenyl	ug/kg	570	U	980	U
SW8468270C	Bis(2-Chloroethoxy)methane	ug/kg	280	U	490	U
SW8468270C	Bis(2-Chloroethyl)ether	ug/kg	280	U	490	U
SW8468270C	Bis(2-Chloroisopropyl)ether	ug/kg	280	U	490	U
SW8468270C	Bis(2-Ethylhexyl)phthalate	ug/kg	280	UJ	490	UJ
SW8468270C	Butylbenzylphthalate	ug/kg	280	UJ	490	UJ
SW8468270C	Caprolactum	ug/kg	570	U	980	U
SW8468270C	Carbazole	ug/kg	280	U	490	U
SW8468270C	Chrysene	ug/kg	280	U	490	U
SW8468270C	Di-n-butylphthalate	ug/kg	280	U	490	U
SW8468270C	Di-n-octylphthalate	ug/kg	280	UJ	490	UJ
SW8468270C	Dibenz(a,h)anthracene	ug/kg	280	U	490	U

DUSR TABLE 2
Results Summary
SDG M90665 and M90665R
Erdle Perforating

		Location	SS-05		SS-06	
		Sample Date	4/15/2010		4/15/2010	
		Sample ID	828072SS-05		828072SS-06	
		Qc Code	FS		FS	
Analysis	Param Name	Units	Result	Qualifier	Result	Qualifier
SW8468270C	Dibenzofuran	ug/kg	280	U	490	U
SW8468270C	Diethylphthalate	ug/kg	280	U	490	U
SW8468270C	Dimethylphthalate	ug/kg	280	U	490	U
SW8468270C	Fluoranthene	ug/kg	280	U	490	U
SW8468270C	Fluorene	ug/kg	280	U	490	U
SW8468270C	Hexachlorobenzene	ug/kg	280	U	490	U
SW8468270C	Hexachlorobutadiene	ug/kg	280	U	490	U
SW8468270C	Hexachlorocyclopentadiene	ug/kg	570	UJ	980	UJ
SW8468270C	Hexachloroethane	ug/kg	280	U	490	U
SW8468270C	Indeno(1,2,3-cd)pyrene	ug/kg	280	U	490	U
SW8468270C	Isophorone	ug/kg	280	U	490	U
SW8468270C	N-Nitrosodi-n-propylamine	ug/kg	280	U	490	U
SW8468270C	N-Nitrosodiphenylamine	ug/kg	280	U	490	U
SW8468270C	Naphthalene	ug/kg	280	U	490	U
SW8468270C	Nitrobenzene	ug/kg	280	U	490	U
SW8468270C	Pentachlorophenol	ug/kg	570	UJ	980	UJ
SW8468270C	Phenanthrene	ug/kg	280	U	490	U
SW8468270C	Phenol	ug/kg	280	U	490	U
SW8468270C	Pyrene	ug/kg	280	U	490	U
SW8468081	4,4`-DDD	ug/kg	7.5	UJ	13	UJ
SW8468081	4,4`-DDE	ug/kg	7.5	UJ	13	UJ
SW8468081	4,4`-DDT	ug/kg	7.5	UJ	13	UJ
SW8468081	Aldrin	ug/kg	7.5	UJ	13	UJ
SW8468081	Alpha-BHC	ug/kg	7.5	UJ	13	UJ
SW8468081	Beta-BHC	ug/kg	7.5	UJ	13	UJ
SW8468081	Chlordane (technical)	ug/kg	75	UJ	130	UJ
SW8468081	Delta-BHC	ug/kg	7.5	UJ	13	UJ
SW8468081	Dieldrin	ug/kg	7.5	UJ	13	UJ
SW8468081	Endosulfan I	ug/kg	7.5	UJ	13	UJ
SW8468081	Endosulfan II	ug/kg	7.5	UJ	13	UJ
SW8468081	Endosulfan sulfate	ug/kg	7.5	UJ	13	UJ
SW8468081	Endrin	ug/kg	7.5	UJ	13	UJ
SW8468081	Endrin aldehyde	ug/kg	7.5	UJ	13	UJ
SW8468081	Gamma-BHC/Lindane	ug/kg	7.5	UJ	13	UJ
SW8468081	Heptachlor	ug/kg	7.5	UJ	13	UJ
SW8468081	Heptachlor epoxide	ug/kg	7.5	UJ	13	UJ
SW8468081	Methoxychlor	ug/kg	7.5	UJ	13	UJ
SW8468081	Toxaphene	ug/kg	75	UJ	130	UJ
SW8468082	Aroclor-1016	ug/kg	110	U	200	U
SW8468082	Aroclor-1221	ug/kg	110	U	200	U
SW8468082	Aroclor-1232	ug/kg	110	U	200	U
SW8468082	Aroclor-1242	ug/kg	110	U	200	U
SW8468082	Aroclor-1248	ug/kg	110	U	200	U
SW8468082	Aroclor-1254	ug/kg	110	U	200	U
SW8468082	Aroclor-1260	ug/kg	110	U	200	U
SW8466010B	Aluminum	mg/kg	4,000		5,950	
SW8466010B	Antimony	mg/kg	2	U	1.9	U

produced by: BJS 6/3/10
reveiwed by: WDC 6/3/10

DUSR TABLE 2
Results Summary
SDG M90665 and M90665R
Erdle Perforating

		Location	SS-05		SS-06	
		Sample Date	4/15/2010		4/15/2010	
		Sample ID	828072SS-05		828072SS-06	
		Qc Code	FS		FS	
Analysis	**Param Name**	**Units**	Result	Qualifier	Result	Qualifier
SW8466010B	Arsenic	mg/kg	2	U	4	
SW8466010B	Barium	mg/kg	21.4		19	U
SW8466010B	Beryllium	mg/kg	0.41	U	0.38	U
SW8466010B	Cadmium	mg/kg	0.41	U	0.38	U
SW8466010B	Calcium	mg/kg	21,300		3,970	
SW8466010B	Chromium	mg/kg	5.9		7.2	
SW8466010B	Cobalt	mg/kg	5.1	U	4.8	U
SW8466010B	Copper	mg/kg	6.3		7.2	
SW8466010B	Iron	mg/kg	8,100		9,060	
SW8466010B	Lead	mg/kg	4.9		16.1	
SW8466010B	Magnesium	mg/kg	5,690		833	
SW8466010B	Manganese	mg/kg	216		118	
SW8466010B	Nickel	mg/kg	5.8		4.4	
SW8466010B	Potassium	mg/kg	606		480	U
SW8466010B	Selenium	mg/kg	2	U	1.9	U
SW8466010B	Silver	mg/kg	0.51	U	0.48	U
SW8466010B	Sodium	mg/kg	510	U	480	U
SW8466010B	Thallium	mg/kg	2	U	1.9	U
SW8466010B	Vanadium	mg/kg	11.6		16.7	
SW8466010B	Zinc	mg/kg	40.6		70.9	
SW8467471A	Mercury	mg/kg	0.036	U	0.087	
SM212540BMOD	Percent Solids	Percent	86.1		50	

Notes:
ug/kg = microgram per kilogram
mg/kg = milligram per kilogram
FS = field sample
U = not detected
J = estimated value

produced by: BJS 6/3/10
reveiwed by: WDC 6/3/10

DUSR TABLE 2
Results Summary
SDG M90665 and M90665R
Erdle Perforating

		Location	SS-07	
		Sample Date	4/15/2010	
		Sample ID	828072SS-07	
		Qc Code	FS	
Analysis	Param Name	Units	Result	Qualifier
SW8260	1,1,1-Trichloroethane	ug/kg	1.5	UJ
SW8260	1,1,2,2-Tetrachloroethane	ug/kg	1.5	U
SW8260	1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg	3.7	U
SW8260	1,1,2-Trichloroethane	ug/kg	1.5	U
SW8260	1,1-Dichloroethane	ug/kg	1.5	U
SW8260	1,1-Dichloroethene	ug/kg	1.5	U
SW8260	1,2,4-Trichlorobenzene	ug/kg	3.7	UJ
SW8260	1,2-Dibromo-3-chloropropane	ug/kg	3.7	UJ
SW8260	1,2-Dibromoethane	ug/kg	1.5	U
SW8260	1,2-Dichlorobenzene	ug/kg	1.5	U
SW8260	1,2-Dichloroethane	ug/kg	1.5	U
SW8260	1,2-Dichloropropane	ug/kg	1.5	U
SW8260	1,3-Dichlorobenzene	ug/kg	1.5	U
SW8260	1,4-Dichlorobenzene	ug/kg	1.5	U
SW8260	2-Butanone	ug/kg	3.7	UJ
SW8260	2-Hexanone	ug/kg	3.7	UJ
SW8260	4-Methyl-2-pentanone	ug/kg	3.7	U
SW8260	Acetic acid, methyl ester	ug/kg	3.7	U
SW8260	Acetone	ug/kg	3.7	UJ
SW8260	Benzene	ug/kg	0.37	U
SW8260	Bromodichloromethane	ug/kg	1.5	UJ
SW8260	Bromoform	ug/kg	1.5	U
SW8260	Bromomethane	ug/kg	1.5	U
SW8260	Carbon disulfide	ug/kg	3.7	UJ
SW8260	Carbon tetrachloride	ug/kg	1.5	UJ
SW8260	Chlorobenzene	ug/kg	1.5	U
SW8260	Chlorodibromomethane	ug/kg	1.5	U
SW8260	Chloroethane	ug/kg	3.7	U
SW8260	Chloroform	ug/kg	1.5	U
SW8260	Chloromethane	ug/kg	3.7	U
SW8260	Cis-1,2-Dichloroethene	ug/kg	2.7	
SW8260	cis-1,3-Dichloropropene	ug/kg	1.5	UJ
SW8260	Cyclohexane	ug/kg	3.7	U
SW8260	Dichlorodifluoromethane	ug/kg	1.5	U
SW8260	Ethyl benzene	ug/kg	1.5	U
SW8260	Isopropylbenzene	ug/kg	3.7	U
SW8260	Methyl cyclohexane	ug/kg	3.7	U
SW8260	Methyl Tertbutyl Ether	ug/kg	1.5	UJ
SW8260	Methylene chloride	ug/kg	1.5	U
SW8260	Styrene	ug/kg	3.7	U
SW8260	Tetrachloroethene	ug/kg	1.5	U
SW8260	Toluene	ug/kg	3.7	U
SW8260	trans-1,2-Dichloroethene	ug/kg	1.5	U
SW8260	trans-1,3-Dichloropropene	ug/kg	1.5	UJ
SW8260	Trichloroethene	ug/kg	6.9	
SW8260	Trichlorofluoromethane	ug/kg	1.5	U
SW8260	Vinyl chloride	ug/kg	1.5	U

produced by: BJS 6/3/10
reveiwed by: WDC 6/3/10

DUSR TABLE 2
Results Summary
SDG M90665 and M90665R
Erdle Perforating

		Location	SS-07	
		Sample Date	4/15/2010	
		Sample ID	828072SS-07	
		Qc Code	FS	
Analysis	Param Name	Units	Result	Qualifier
SW8260	Xylenes, Total	ug/kg	1.5	U
SW8468270C	2,4,5-Trichlorophenol	ug/kg	660	U
SW8468270C	2,4,6-Trichlorophenol	ug/kg	660	U
SW8468270C	2,4-Dichlorophenol	ug/kg	660	U
SW8468270C	2,4-Dimethylphenol	ug/kg	660	U
SW8468270C	2,4-Dinitrophenol	ug/kg	1,300	UJ
SW8468270C	2,4-Dinitrotoluene	ug/kg	660	U
SW8468270C	2,6-Dinitrotoluene	ug/kg	660	U
SW8468270C	2-Chloronaphthalene	ug/kg	330	U
SW8468270C	2-Chlorophenol	ug/kg	330	U
SW8468270C	2-Methylnaphthalene	ug/kg	330	U
SW8468270C	2-Methylphenol	ug/kg	660	U
SW8468270C	2-Nitroaniline	ug/kg	660	U
SW8468270C	2-Nitrophenol	ug/kg	660	U
SW8468270C	3 & 4 Methylphenol	ug/kg	660	U
SW8468270C	3,3`-Dichlorobenzidine	ug/kg	330	U
SW8468270C	3-Nitroaniline	ug/kg	660	U
SW8468270C	4,6-Dinitro-2-methylphenol	ug/kg	660	UJ
SW8468270C	4-Bromophenyl phenyl ether	ug/kg	330	U
SW8468270C	4-Chloro-3-methylphenol	ug/kg	660	U
SW8468270C	4-Chloroaniline	ug/kg	660	U
SW8468270C	4-Chlorophenyl phenyl ether	ug/kg	330	U
SW8468270C	4-Nitroaniline	ug/kg	660	U
SW8468270C	4-Nitrophenol	ug/kg	1,300	U
SW8468270C	Acenaphthene	ug/kg	330	U
SW8468270C	Acenaphthylene	ug/kg	330	U
SW8468270C	Acetophenone	ug/kg	660	U
SW8468270C	Anthracene	ug/kg	330	U
SW8468270C	Atrazine	ug/kg	660	U
SW8468270C	Benzaldehyde	ug/kg	1,300	U
SW8468270C	Benzo(a)anthracene	ug/kg	330	U
SW8468270C	Benzo(a)pyrene	ug/kg	330	U
SW8468270C	Benzo(b)fluoranthene	ug/kg	330	U
SW8468270C	Benzo(ghi)perylene	ug/kg	330	U
SW8468270C	Benzo(k)fluoranthene	ug/kg	330	U
SW8468270C	Biphenyl	ug/kg	660	U
SW8468270C	Bis(2-Chloroethoxy)methane	ug/kg	330	U
SW8468270C	Bis(2-Chloroethyl)ether	ug/kg	330	U
SW8468270C	Bis(2-Chloroisopropyl)ether	ug/kg	330	U
SW8468270C	Bis(2-Ethylhexyl)phthalate	ug/kg	330	UJ
SW8468270C	Butylbenzylphthalate	ug/kg	330	UJ
SW8468270C	Caprolactum	ug/kg	660	U
SW8468270C	Carbazole	ug/kg	330	U
SW8468270C	Chrysene	ug/kg	330	U
SW8468270C	Di-n-butylphthalate	ug/kg	330	U
SW8468270C	Di-n-octylphthalate	ug/kg	330	UJ
SW8468270C	Dibenz(a,h)anthracene	ug/kg	330	U

DUSR TABLE 2
Results Summary
SDG M90665 and M90665R
Erdle Perforating

		Location	SS-07	
		Sample Date	4/15/2010	
		Sample ID	828072SS-07	
		Qc Code	FS	
Analysis	Param Name	Units	Result	Qualifier
SW8468270C	Dibenzofuran	ug/kg	330	U
SW8468270C	Diethylphthalate	ug/kg	330	U
SW8468270C	Dimethylphthalate	ug/kg	330	U
SW8468270C	Fluoranthene	ug/kg	330	U
SW8468270C	Fluorene	ug/kg	330	U
SW8468270C	Hexachlorobenzene	ug/kg	330	U
SW8468270C	Hexachlorobutadiene	ug/kg	330	U
SW8468270C	Hexachlorocyclopentadiene	ug/kg	660	UJ
SW8468270C	Hexachloroethane	ug/kg	330	U
SW8468270C	Indeno(1,2,3-cd)pyrene	ug/kg	330	U
SW8468270C	Isophorone	ug/kg	330	U
SW8468270C	N-Nitrosodi-n-propylamine	ug/kg	330	U
SW8468270C	N-Nitrosodiphenylamine	ug/kg	330	U
SW8468270C	Naphthalene	ug/kg	330	U
SW8468270C	Nitrobenzene	ug/kg	330	U
SW8468270C	Pentachlorophenol	ug/kg	660	UJ
SW8468270C	Phenanthrene	ug/kg	330	U
SW8468270C	Phenol	ug/kg	330	U
SW8468270C	Pyrene	ug/kg	330	U
SW8468081	4,4`-DDD	ug/kg	8.6	UJ
SW8468081	4,4`-DDE	ug/kg	8.6	UJ
SW8468081	4,4`-DDT	ug/kg	8.6	UJ
SW8468081	Aldrin	ug/kg	8.6	UJ
SW8468081	Alpha-BHC	ug/kg	8.6	UJ
SW8468081	Beta-BHC	ug/kg	8.6	UJ
SW8468081	Chlordane (technical)	ug/kg	86	UJ
SW8468081	Delta-BHC	ug/kg	8.6	UJ
SW8468081	Dieldrin	ug/kg	8.6	UJ
SW8468081	Endosulfan I	ug/kg	8.6	UJ
SW8468081	Endosulfan II	ug/kg	8.6	UJ
SW8468081	Endosulfan sulfate	ug/kg	8.6	UJ
SW8468081	Endrin	ug/kg	8.6	UJ
SW8468081	Endrin aldehyde	ug/kg	8.6	UJ
SW8468081	Gamma-BHC/Lindane	ug/kg	8.6	UJ
SW8468081	Heptachlor	ug/kg	8.6	UJ
SW8468081	Heptachlor epoxide	ug/kg	8.6	UJ
SW8468081	Methoxychlor	ug/kg	8.6	UJ
SW8468081	Toxaphene	ug/kg	86	UJ
SW8468082	Aroclor-1016	ug/kg	130	U
SW8468082	Aroclor-1221	ug/kg	130	U
SW8468082	Aroclor-1232	ug/kg	130	U
SW8468082	Aroclor-1242	ug/kg	130	U
SW8468082	Aroclor-1248	ug/kg	130	U
SW8468082	Aroclor-1254	ug/kg	130	U
SW8468082	Aroclor-1260	ug/kg	130	U
SW8466010B	Aluminum	mg/kg	9,340	
SW8466010B	Antimony	mg/kg	2	U

produced by: BJS 6/3/10
reveiwed by: WDC 6/3/10

DUSR TABLE 2
Results Summary
SDG M90665 and M90665R
Erdle Perforating

		Location	SS-07	
		Sample Date	4/15/2010	
		Sample ID	828072SS-07	
		Qc Code	FS	
Analysis	**Param Name**	**Units**	Result	Qualifier
SW8466010B	Arsenic	mg/kg	3.6	
SW8466010B	Barium	mg/kg	65.5	
SW8466010B	Beryllium	mg/kg	0.46	
SW8466010B	Cadmium	mg/kg	0.39	U
SW8466010B	Calcium	mg/kg	32,700	
SW8466010B	Chromium	mg/kg	12.6	
SW8466010B	Cobalt	mg/kg	6.2	
SW8466010B	Copper	mg/kg	11.1	
SW8466010B	Iron	mg/kg	16,300	
SW8466010B	Lead	mg/kg	8.9	
SW8466010B	Magnesium	mg/kg	8,440	
SW8466010B	Manganese	mg/kg	387	
SW8466010B	Nickel	mg/kg	15.7	
SW8466010B	Potassium	mg/kg	1440	
SW8466010B	Selenium	mg/kg	2	U
SW8466010B	Silver	mg/kg	0.49	U
SW8466010B	Sodium	mg/kg	490	U
SW8466010B	Thallium	mg/kg	2	U
SW8466010B	Vanadium	mg/kg	18.2	
SW8466010B	Zinc	mg/kg	95.6	
SW8467471A	Mercury	mg/kg	0.04	U
SM212540BMOD	Percent Solids	Percent	75.5	

Notes:
ug/kg = microgram per kilogram
mg/kg = milligram per kilogram
FS = field sample
U = not detected
J = estimated value

produced by: BJS 6/3/10
reveiwed by: WDC 6/3/10

Sample ID	CAS #	Chemical Name	Result	Qual	Units
828072SS-02	103-82-2	Benzeneacetic acid	340	JN	ug/kg
828072SS-02	1604-34-8	2-Undecanone, 6,10-dimethyl-	370	JN	ug/kg
828072SS-02	55320-06-4	Heneicosane, 11-decyl-	450	JN	ug/kg
828072SS-02	57-10-3	Hexadecanoic acid	390	JN	ug/kg
828072SS-02	593-45-3	Octadecane	470	JN	ug/kg
828072SS-02	629-96-9	1-Eicosanol	550	JN	ug/kg
828072SS-02	6624-79-9	1-Dotriacontanol	680	JN	ug/kg
828072SS-02	7390-81-0	Oxirane, hexadecyl-	450	JN	ug/kg
828072SS-03	103-82-2	Benzeneacetic acid	480	JN	ug/kg
828072SS-04	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2000	JN	ug/kg
828072SS-04	195-19-7	Benzo[c]phenanthrene	610	JN	ug/kg
828072SS-04	198-55-0	Perylene	1100	JN	ug/kg
828072SS-04	203-64-5	4H-Cyclopenta[def]phenanthrene	620	JN	ug/kg
828072SS-04	238-84-6	11H-Benzo[a]fluorene	1300	JN	ug/kg
828072SS-04	243-17-4	11H-Benzo[b]fluorene	960	JN	ug/kg
828072SS-04	3353-12-6	Pyrene, 4-methyl-	760	JN	ug/kg
828072SS-04	35465-71-5	2-Phenylnaphthalene	310	JN	ug/kg
828072SS-04	TIC8	5,6-Dimethyl-4-phenyl-3-cyanopyrid	800	JN	ug/kg
828072SS-05	103-82-2	Benzeneacetic acid	800	JN	ug/kg
828072SS-05	111-73-9	1-Butanol, 4-ethoxy-	750	JN	ug/kg
828072SS-05	5737-13-3	Cyclopenta(def)phenanthrenone	3600	JN	ug/kg
828072SS-05	59-02-9	Vitamin E	1100	JN	ug/kg
828072SS-05	593-08-8	2-Tridecanone	1100	JN	ug/kg
828072SS-05	6175-49-1	2-Dodecanone	1000	JN	ug/kg
828072SS-05	629-96-9	1-Eicosanol	1100	JN	ug/kg
828072SS-05	630-07-9	Pentatriacontane	770	JN	ug/kg
828072SS-05	638-66-4	Octadecanal	700	JN	ug/kg
828072SS-05	7019-01-4	4-Aminodiphenylsulphone	1300	JN	ug/kg
828072SS-05	83-47-6	.gamma.-Sitosterol	940	JN	ug/kg
828072SS-05	TIC10	Isoquinoline, 6,7,8-trimethoxy-	1700	JN	ug/kg
828072SS-06	1454-84-8	1-Nonadecanol	1400	JN	ug/kg
828072SS-06	1599-67-3	1-Docosene	1700	JN	ug/kg
828072SS-06	1953-54-4	1H-Indol-5-ol	1000	JN	ug/kg
828072SS-06	3386-33-2	Octadecane, 1-chloro-	1200	JN	ug/kg
828072SS-06	54644-27-8	1,2,4-Cyclopentanetrione, 3-(2-pen	1100	JN	ug/kg
828072SS-06	54832-82-5	Tricyclo[4.3.0.07,9]nonane, 2,2,5,	1800	JN	ug/kg
828072SS-06	54889-60-0	Hexanoic acid, 2-ethyl-2-propyl-,	1300	JN	ug/kg
828072SS-06	59-02-9	Vitamin E	1300	JN	ug/kg
828072SS-06	630-07-9	Pentatriacontane	1100	JN	ug/kg
828072SS-06	638-66-4	Octadecanal	1600	JN	ug/kg
828072SS-06	77899-10-6	(Z)14-Tricosenyl formate	1700	JN	ug/kg
828072SS-06	77899-10-6	(Z)14-Tricosenyl formate	1200	JN	ug/kg
828072SS-06	83-47-6	.gamma.-Sitosterol	1500	JN	ug/kg
828072SS-06	83-48-7	Stigmasterol	2500	JN	ug/kg
828072SS-07	112-95-8	Eicosane	270	JN	ug/kg
828072SS-07	1454-85-9	1-Heptadecanol	340	JN	ug/kg
828072SS-07	18435-45-5	1-Nonadecene	310	JN	ug/kg
828072SS-07	630-07-9	Pentatriacontane	330	JN	ug/kg
828072SS-07	7225-64-1	Heptadecane, 9-octyl-	280	JN	ug/kg
828072SS-07	TIC5	1-Hexacosanal	300	JN	ug/kg

Raw Data: S14639.D

Accutest Laboratories

Report of Analysis

Client Sample ID:	828072SS-01		
Lab Sample ID:	M90665-1	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
Method:	SW846 8270C SW846 3545	Percent Solids:	83.3
Project:	ERDLE-NYSDEC Gates NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S14639.D	1	04/26/10	AA	04/21/10	OP21143	MSS527
Run #2							

	Initial Weight	Final Volume
Run #1	20.4 g	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	290	16	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	590	21	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	590	35	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	590	59	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1200	290	ug/kg	J
534-52-1	4,6-Dinitro-o-cresol	ND	590	290	ug/kg	J
95-48-7	2-Methylphenol	ND	590	17	ug/kg	
	3&4-Methylphenol	ND	590	31	ug/kg	
88-75-5	2-Nitrophenol	ND	590	35	ug/kg	
100-02-7	4-Nitrophenol	ND	1200	290	ug/kg	
87-86-5	Pentachlorophenol	ND	590	55	ug/kg	J
108-95-2	Phenol	ND	290	49	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	590	44	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	590	41	ug/kg	
83-32-9	Acenaphthene	ND	290	25	ug/kg	
208-96-8	Acenaphthylene	ND	290	22	ug/kg	
98-86-2	Acetophenone	ND	590	26	ug/kg	
120-12-7	Anthracene	ND	290	23	ug/kg	
1912-24-9	Atrazine	ND	590	590	ug/kg	
100-52-7	Benzaldehyde	ND	1200	1200	ug/kg	
56-55-3	Benzo(a)anthracene	ND	290	11	ug/kg	
50-32-8	Benzo(a)pyrene	ND	290	18	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	290	34	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	290	19	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	290	8.7	ug/kg	
92-52-4	1,1'-Biphenyl	ND	590	590	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	290	24	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	290	13	ug/kg	J
105-60-2	Caprolactam	ND	590	590	ug/kg	
91-58-7	2-Chloronaphthalene	ND	290	25	ug/kg	
106-47-8	4-Chloroaniline	ND	590	150	ug/kg	
86-74-8	Carbazole	ND	290	23	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

5/24/10

Report of Analysis

Client Sample ID:	828072SS-01		
Lab Sample ID:	M90665-1	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
Method:	SW846 8270C SW846 3545	Percent Solids:	83.3
Project:	ERDLE-NYSDEC Gates NY		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	290	9.6	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	290	23	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	290	6.3	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	290	28	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	290	26	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	590	150	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	590	28	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	290	7.1	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	290	19	ug/kg	
132-64-9	Dibenzofuran	ND	290	25	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	290	27	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	290	16	ug/kg	
84-66-2	Diethyl phthalate	ND	290	26	ug/kg	
131-11-3	Dimethyl phthalate	ND	290	21	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	290	20	ug/kg	
206-44-0	Fluoranthene	ND	290	10	ug/kg	
86-73-7	Fluorene	ND	290	6.5	ug/kg	
118-74-1	Hexachlorobenzene	ND	290	25	ug/kg	
87-68-3	Hexachlorobutadiene	ND	290	23	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	590	4.0	ug/kg	
67-72-1	Hexachloroethane	ND	290	24	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	290	18	ug/kg	
78-59-1	Isophorone	ND	290	29	ug/kg	
91-57-6	2-Methylnaphthalene	ND	290	25	ug/kg	
88-74-4	2-Nitroaniline	ND	590	150	ug/kg	
99-09-2	3-Nitroaniline	ND	590	150	ug/kg	
100-01-6	4-Nitroaniline	ND	590	22	ug/kg	
91-20-3	Naphthalene	ND	290	6.8	ug/kg	
98-95-3	Nitrobenzene	ND	290	8.7	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	290	19	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	290	16	ug/kg	
85-01-8	Phenanthrene	ND	290	7.6	ug/kg	
129-00-0	Pyrene	ND	290	9.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	90%		30-130%
4165-62-2	Phenol-d5	84%		30-130%
118-79-6	2,4,6-Tribromophenol	95%		30-130%
4165-60-0	Nitrobenzene-d5	78%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

5/24/10

Client Sample ID:	828072SS-01		
Lab Sample ID:	M90665-1	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
Method:	SW846 8270C SW846 3545	Percent Solids:	83.3
Project:	ERDLE-NYSDEC Gates NY		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	84%		30-130%
1718-51-0	Terphenyl-d14	100%		30-130%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Semi-Volatile		0	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

5/24/10

Raw Data: YZ56660.D

Accutest Laboratories

Report of Analysis

Client Sample ID:	828072SS-01		
Lab Sample ID:	M90665-1	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
Method:	SW846 8082 SW846 3545	Percent Solids:	83.3
Project:	ERDLE-NYSDEC Gates NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ56660.D	1	04/21/10	CZ	04/20/10	OP21131	GYZ2417
Run #2							

	Initial Weight	Final Volume
Run #1	15.4 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	120	29	ug/kg	
11104-28-2	Aroclor 1221	ND	120	7.6	ug/kg	
11141-16-5	Aroclor 1232	ND	120	16	ug/kg	
53469-21-9	Aroclor 1242	ND	120	10	ug/kg	
12672-29-6	Aroclor 1248	ND	120	31	ug/kg	
11097-69-1	Aroclor 1254	29.4	120	13	ug/kg	J
11096-82-5	Aroclor 1260	ND	120	23	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	98%		30-150%
877-09-8	Tetrachloro-m-xylene	97%		30-150%
2051-24-3	Decachlorobiphenyl	103%		30-150%
2051-24-3	Decachlorobiphenyl	105%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

5/24/10

Accutest Laboratories

Report of Analysis

Client Sample ID:	828072SS-01		
Lab Sample ID:	M90665-1	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
		Percent Solids:	83.3
Project:	ERDLE-NYSDEC Gates NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	6310	19	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Antimony	<1.9 J	1.9 J	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Arsenic	2.4	1.9	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Barium	41.4	19	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Beryllium	<0.38	0.38	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Cadmium	<0.38	0.38	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Calcium	2030 J	470	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Chromium	11.1	0.95	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Cobalt	<4.7	4.7	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Copper	8.3	2.4	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Iron	16100	9.5	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Lead	3.1	1.9	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Magnesium	1890	470	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Manganese	338	1.4	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Mercury	<0.036	0.036	mg/kg	1	04/21/10	04/21/10	MA	SW846 7471A [1]	SW846 7471A [4]
Nickel	9.8	3.8	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Potassium	597	470	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Selenium	<1.9	1.9	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Silver	<0.47	0.47	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Sodium	<470	470	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Thallium	<1.9	1.9	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Vanadium	22.7	2.8	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Zinc	21.3	1.9	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA11669
(2) Instrument QC Batch: MA11674
(3) Prep QC Batch: MP15103
(4) Prep QC Batch: MP15105

RL = Reporting Limit

5/24/10

Accutest Laboratories

Report of Analysis

Client Sample ID:	828072SS-02		
Lab Sample ID:	M90665-2	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
Method:	SW846 8270C SW846 3545	Percent Solids:	65.7
Project:	ERDLE-NYSDEC Gates NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S14640.D	1	04/26/10	AA	04/21/10	OP21143	MSS527
Run #2							

	Initial Weight	Final Volume
Run #1	20.4 g	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	370	20	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	740	26	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	740	44	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	740	74	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1500	370	ug/kg	J
534-52-1	4,6-Dinitro-o-cresol	ND	740	370	ug/kg	J
95-48-7	2-Methylphenol	ND	740	21	ug/kg	
	3&4-Methylphenol	ND	740	39	ug/kg	
88-75-5	2-Nitrophenol	ND	740	45	ug/kg	
100-02-7	4-Nitrophenol	ND	1500	370	ug/kg	
87-86-5	Pentachlorophenol	ND	740	69	ug/kg	J
108-95-2	Phenol	ND	370	62	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	740	55	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	740	51	ug/kg	
83-32-9	Acenaphthene	ND	370	31	ug/kg	
208-96-8	Acenaphthylene	ND	370	28	ug/kg	
98-86-2	Acetophenone	ND	740	33	ug/kg	
120-12-7	Anthracene	ND	370	29	ug/kg	
1912-24-9	Atrazine	ND	740	740	ug/kg	
100-52-7	Benzaldehyde	ND	1500	1500	ug/kg	
56-55-3	Benzo(a)anthracene	ND	370	14	ug/kg	
50-32-8	Benzo(a)pyrene	ND	370	22	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	370	44	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	370	24	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	370	11	ug/kg	
92-52-4	1,1'-Biphenyl	ND	740	740	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	370	30	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	370	16	ug/kg	J
105-60-2	Caprolactam	ND	740	740	ug/kg	
91-58-7	2-Chloronaphthalene	ND	370	31	ug/kg	
106-47-8	4-Chloroaniline	ND	740	190	ug/kg	
86-74-8	Carbazole	ND	370	29	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

5/24/10

Report of Analysis

Client Sample ID:	828072SS-02		
Lab Sample ID:	M90665-2	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
Method:	SW846 8270C SW846 3545	Percent Solids:	65.7
Project:	ERDLE-NYSDEC Gates NY		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	370	12	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	370	29	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	370	8.0	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	370	35	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	370	33	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	740	190	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	740	36	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	370	8.9	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	370	24	ug/kg	
132-64-9	Dibenzofuran	ND	370	32	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	370	34	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	370	20	ug/kg	
84-66-2	Diethyl phthalate	ND	370	32	ug/kg	
131-11-3	Dimethyl phthalate	ND	370	26	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	370	26	ug/kg	
206-44-0	Fluoranthene	ND	370	13	ug/kg	
86-73-7	Fluorene	ND	370	8.2	ug/kg	
118-74-1	Hexachlorobenzene	ND	370	32	ug/kg	
87-68-3	Hexachlorobutadiene	ND	370	29	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	740	5.0	ug/kg	
67-72-1	Hexachloroethane	ND	370	30	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	370	23	ug/kg	
78-59-1	Isophorone	ND	370	37	ug/kg	
91-57-6	2-Methylnaphthalene	ND	370	31	ug/kg	
88-74-4	2-Nitroaniline	ND	740	190	ug/kg	
99-09-2	3-Nitroaniline	ND	740	190	ug/kg	
100-01-6	4-Nitroaniline	ND	740	28	ug/kg	
91-20-3	Naphthalene	ND	370	8.6	ug/kg	
98-95-3	Nitrobenzene	ND	370	11	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	370	24	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	370	20	ug/kg	
85-01-8	Phenanthrene	ND	370	9.6	ug/kg	
129-00-0	Pyrene	ND	370	12	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	73%		30-130%
4165-62-2	Phenol-d5	73%		30-130%
118-79-6	2,4,6-Tribromophenol	75%		30-130%
4165-60-0	Nitrobenzene-d5	66%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

5/24/10

Client Sample ID:	828072SS-02		
Lab Sample ID:	M90665-2	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
Method:	SW846 8270C SW846 3545	Percent Solids:	65.7
Project:	ERDLE-NYSDEC Gates NY		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	67%		30-130%
1718-51-0	Terphenyl-d14	79%		30-130%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
103-82-2	Benzeneacetic acid	7.32	340	ug/kg	JN
57-10-3	Hexadecanoic acid	12.25	390	ug/kg	JN
10544-50-0	Sulfur, mol. (S8)	13.27	350	ug/kg	JN
629-96-9	1-Eicosanol	16.57	550	ug/kg	JN
7390-81-0	Oxirane, hexadecyl-	17.23	450	ug/kg	JN
593-45-3	Octadecane	17.49	470	ug/kg	JN
6624-79-9	1-Dotriacontanol	17.61	680	ug/kg	JN
55320-06-4	Heneicosane, 11-decyl-	18.40	450	ug/kg	JN
1604-34-8	2-Undecanone, 6,10-dimethyl-	18.53	370	ug/kg	JN
	Total TIC, Semi-Volatile		4050	ug/kg	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

5/24/10

Raw Data: YZ56661.D

Accutest Laboratories

Report of Analysis

Client Sample ID:	828072SS-02		
Lab Sample ID:	M90665-2	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
Method:	SW846 8082 SW846 3545	Percent Solids:	65.7
Project:	ERDLE-NYSDEC Gates NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ56661.D	1	04/21/10	CZ	04/20/10	OP21131	GYZ2417
Run #2							

	Initial Weight	Final Volume
Run #1	15.3 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	150	38	ug/kg	
11104-28-2	Aroclor 1221	ND	150	9.8	ug/kg	
11141-16-5	Aroclor 1232	ND	150	21	ug/kg	
53469-21-9	Aroclor 1242	ND	150	13	ug/kg	
12672-29-6	Aroclor 1248	ND	150	40	ug/kg	
11097-69-1	Aroclor 1254	ND	150	17	ug/kg	
11096-82-5	Aroclor 1260	ND	150	29	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	104%		30-150%
877-09-8	Tetrachloro-m-xylene	103%		30-150%
2051-24-3	Decachlorobiphenyl	121%		30-150%
2051-24-3	Decachlorobiphenyl	123%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

5/24/10

Accutest Laboratories

Report of Analysis

3.2
3

Client Sample ID:	828072SS-02		
Lab Sample ID:	M90665-2	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
		Percent Solids:	65.7
Project:	ERDLE-NYSDEC Gates NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	17400	22	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Antimony	<2.2 J	2.2	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Arsenic	4.6	2.2	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Barium	101	22	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Beryllium	0.84	0.44	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Cadmium	<0.44	0.44	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Calcium	5330 J	550	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Chromium	17.7	1.1	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Cobalt	5.6	5.5	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Copper	9.7	2.8	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Iron	19700	11	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Lead	13.7	2.2	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Magnesium	2850	550	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Manganese	221	1.7	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Mercury	0.098	0.032	mg/kg	1	04/21/10	04/21/10	MA	SW846 7471A [1]	SW846 7471A [4]
Nickel	14.0	4.4	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Potassium	1430	550	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Selenium	<2.2	2.2	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Silver	<0.55	0.55	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Sodium	<550	550	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Thallium	<2.2	2.2	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Vanadium	29.9	3.3	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Zinc	91.3	2.2	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA11669
(2) Instrument QC Batch: MA11674
(3) Prep QC Batch: MP15103
(4) Prep QC Batch: MP15105

RL = Reporting Limit

5/24/10

Raw Data: S14641.D

Accutest Laboratories

Report of Analysis

Client Sample ID:	828072SS-03		
Lab Sample ID:	M90665-3	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
Method:	SW846 8270C SW846 3545	Percent Solids:	81.8
Project:	ERDLE-NYSDEC Gates NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S14641.D	1	04/26/10	AA	04/21/10	OP21143	MSS527
Run #2							

	Initial Weight	Final Volume
Run #1	20.4 g	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	300	16	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	600	21	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	600	35	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	600	60	ug/kg	
51-28-5	2,4-Dinitrophenol	ND J	1200	300	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND J	600	300	ug/kg	
95-48-7	2-Methylphenol	ND	600	17	ug/kg	
	3&4-Methylphenol	ND	600	32	ug/kg	
88-75-5	2-Nitrophenol	ND	600	36	ug/kg	
100-02-7	4-Nitrophenol	ND	1200	300	ug/kg	
87-86-5	Pentachlorophenol	ND J	600	56	ug/kg	
108-95-2	Phenol	ND	300	50	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	600	45	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	600	41	ug/kg	
83-32-9	Acenaphthene	ND	300	25	ug/kg	
208-96-8	Acenaphthylene	ND	300	23	ug/kg	
98-86-2	Acetophenone	ND	600	27	ug/kg	
120-12-7	Anthracene	ND	300	24	ug/kg	
1912-24-9	Atrazine	ND	600	600	ug/kg	
100-52-7	Benzaldehyde	ND	1200	1200	ug/kg	
56-55-3	Benzo(a)anthracene	ND	300	11	ug/kg	
50-32-8	Benzo(a)pyrene	ND	300	18	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	300	35	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	300	19	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	300	8.9	ug/kg	
92-52-4	1,1'-Biphenyl	ND	600	600	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	300	24	ug/kg	
85-68-7	Butyl benzyl phthalate	ND J	300	13	ug/kg	
105-60-2	Caprolactam	ND	600	600	ug/kg	
91-58-7	2-Chloronaphthalene	ND	300	25	ug/kg	
106-47-8	4-Chloroaniline	ND	600	150	ug/kg	
86-74-8	Carbazole	ND	300	24	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

5/24/10

Report of Analysis

Client Sample ID:	828072SS-03		
Lab Sample ID:	M90665-3	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
Method:	SW846 8270C SW846 3545	Percent Solids:	81.8
Project:	ERDLE-NYSDEC Gates NY		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	300	9.8	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	300	23	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	300	6.4	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	300	29	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	300	27	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	600	150	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	600	29	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	300	7.2	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	300	19	ug/kg	
132-64-9	Dibenzofuran	ND	300	26	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	300	27	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	300	16	ug/kg	
84-66-2	Diethyl phthalate	ND	300	26	ug/kg	
131-11-3	Dimethyl phthalate	ND	300	21	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	300	21	ug/kg	
206-44-0	Fluoranthene	76.2	300	10	ug/kg	J
86-73-7	Fluorene	ND	300	6.6	ug/kg	
118-74-1	Hexachlorobenzene	ND	300	26	ug/kg	
87-68-3	Hexachlorobutadiene	ND	300	24	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	600	4.0	ug/kg	
67-72-1	Hexachloroethane	ND	300	24	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	300	18	ug/kg	
78-59-1	Isophorone	ND	300	30	ug/kg	
91-57-6	2-Methylnaphthalene	ND	300	25	ug/kg	
88-74-4	2-Nitroaniline	ND	600	150	ug/kg	
99-09-2	3-Nitroaniline	ND	600	150	ug/kg	
100-01-6	4-Nitroaniline	ND	600	22	ug/kg	
91-20-3	Naphthalene	ND	300	7.0	ug/kg	
98-95-3	Nitrobenzene	ND	300	8.9	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	300	19	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	300	16	ug/kg	
85-01-8	Phenanthrene	73.6	300	7.7	ug/kg	J
129-00-0	Pyrene	52.4	300	9.7	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	76%		30-130%
4165-62-2	Phenol-d5	72%		30-130%
118-79-6	2,4,6-Tribromophenol	79%		30-130%
4165-60-0	Nitrobenzene-d5	69%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

6/24/10

Report of Analysis

Client Sample ID:	828072SS-03		
Lab Sample ID:	M90665-3	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
Method:	SW846 8270C SW846 3545	Percent Solids:	81.8
Project:	ERDLE-NYSDEC Gates NY		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	70%		30-130%
1718-51-0	Terphenyl-d14	81%		30-130%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
103-82-2	Benzeneacetic acid	7.32	480	ug/kg	JN
	Total TIC, Semi-Volatile		480	ug/kg	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

5/24/10

Raw Data: YZ56662.D

Accutest Laboratories

Report of Analysis

Client Sample ID:	828072SS-03		
Lab Sample ID:	M90665-3	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
Method:	SW846 8082 SW846 3545	Percent Solids:	81.8
Project:	ERDLE-NYSDEC Gates NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ56662.D	1	04/21/10	CZ	04/20/10	OP21131	GYZ2417
Run #2							

	Initial Weight	Final Volume
Run #1	15.3 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	120	30	ug/kg	
11104-28-2	Aroclor 1221	ND	120	7.8	ug/kg	
11141-16-5	Aroclor 1232	ND	120	17	ug/kg	
53469-21-9	Aroclor 1242	ND	120	10	ug/kg	
12672-29-6	Aroclor 1248	ND	120	32	ug/kg	
11097-69-1	Aroclor 1254	25.1	120	14	ug/kg	J
11096-82-5	Aroclor 1260	ND	120	23	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	99%		30-150%
877-09-8	Tetrachloro-m-xylene	99%		30-150%
2051-24-3	Decachlorobiphenyl	111%		30-150%
2051-24-3	Decachlorobiphenyl	113%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

5/24/10

Accutest Laboratories

Report of Analysis

3.3

3

Client Sample ID:	828072SS-03		
Lab Sample ID:	M90665-3	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
		Percent Solids:	81.8
Project:	ERDLE-NYSDEC Gates NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	9140	20	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Antimony	<2.0 J	2.0	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Arsenic	2.8	2.0	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Barium	52.7	20	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Beryllium	0.60	0.40	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Cadmium	<0.40	0.40	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Calcium	5070 J	510	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Chromium	13.7	1.0	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Cobalt	5.1	5.1	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Copper	11.0	2.5	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Iron	19100	10	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Lead	6.9	2.0	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Magnesium	3350	510	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Manganese	139	1.5	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Mercury	0.046	0.039	mg/kg	1	04/21/10	04/21/10	MA	SW846 7471A [1]	SW846 7471A [4]
Nickel	15.3	4.0	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Potassium	760	510	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Selenium	<2.0	2.0	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Silver	<0.51	0.51	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Sodium	<510	510	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Thallium	<2.0	2.0	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Vanadium	28.7	3.0	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Zinc	328	2.0	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA11669
(2) Instrument QC Batch: MA11674
(3) Prep QC Batch: MP15103
(4) Prep QC Batch: MP15105

RL = Reporting Limit

5/24/10

Accutest Laboratories

Report of Analysis

Client Sample ID:	828072SS-04		
Lab Sample ID:	M90665-4	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
Method:	SW846 8270C SW846 3545	Percent Solids:	79.3
Project:	ERDLE-NYSDEC Gates NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S14642.D	1	04/26/10	AA	04/21/10	OP21143	MSS527
Run #2							

	Initial Weight	Final Volume
Run #1	20.4 g	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	310	17	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	620	22	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	620	36	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	620	62	ug/kg	
51-28-5	2,4-Dinitrophenol	ND J	1200	310	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND J	620	310	ug/kg	
95-48-7	2-Methylphenol	ND	620	18	ug/kg	
	3&4-Methylphenol	ND	620	33	ug/kg	
88-75-5	2-Nitrophenol	ND	620	37	ug/kg	
100-02-7	4-Nitrophenol	ND	1200	310	ug/kg	
87-86-5	Pentachlorophenol	ND J	620	57	ug/kg	
108-95-2	Phenol	ND	310	51	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	620	46	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	620	43	ug/kg	
83-32-9	Acenaphthene	219	310	26	ug/kg	J
208-96-8	Acenaphthylene	ND	310	23	ug/kg	
98-86-2	Acetophenone	ND	620	28	ug/kg	
120-12-7	Anthracene	2890	310	24	ug/kg	
1912-24-9	Atrazine	ND	620	620	ug/kg	
100-52-7	Benzaldehyde	ND	1200	1200	ug/kg	
56-55-3	Benzo(a)anthracene	4920	310	11	ug/kg	
50-32-8	Benzo(a)pyrene	3090	310	18	ug/kg	
205-99-2	Benzo(b)fluoranthene	3490	310	36	ug/kg	
191-24-2	Benzo(g,h,i)perylene	1820	310	20	ug/kg	
207-08-9	Benzo(k)fluoranthene	2940	310	9.1	ug/kg	
92-52-4	1,1'-Biphenyl	ND	620	620	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	310	25	ug/kg	
85-68-7	Butyl benzyl phthalate	ND J	310	13	ug/kg	
105-60-2	Caprolactam	ND	620	620	ug/kg	
91-58-7	2-Chloronaphthalene	ND	310	26	ug/kg	
106-47-8	4-Chloroaniline	ND	620	150	ug/kg	
86-74-8	Carbazole	681	310	24	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

5/24/10

Report of Analysis

Client Sample ID:	828072SS-04		
Lab Sample ID:	M90665-4	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
Method:	SW846 8270C SW846 3545	Percent Solids:	79.3
Project:	ERDLE-NYSDEC Gates NY		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	4360	310	10	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	310	24	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	310	6.6	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	310	29	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	310	28	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	620	150	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	620	30	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	310	7.4	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	649	310	20	ug/kg	
132-64-9	Dibenzofuran	97.6	310	26	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND	310	28	ug/kg	
117-84-0	Di-n-octyl phthalate	ND J	310	16	ug/kg	
84-66-2	Diethyl phthalate	ND	310	27	ug/kg	
131-11-3	Dimethyl phthalate	ND	310	22	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND J	310	21	ug/kg	
206-44-0	Fluoranthene	12300	310	10	ug/kg	
86-73-7	Fluorene	456	310	6.8	ug/kg	
118-74-1	Hexachlorobenzene	ND	310	27	ug/kg	
87-68-3	Hexachlorobutadiene	ND	310	24	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND J	620	4.2	ug/kg	
67-72-1	Hexachloroethane	ND	310	25	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	1820	310	19	ug/kg	
78-59-1	Isophorone	ND	310	31	ug/kg	
91-57-6	2-Methylnaphthalene	ND	310	26	ug/kg	
88-74-4	2-Nitroaniline	ND	620	150	ug/kg	
99-09-2	3-Nitroaniline	ND	620	150	ug/kg	
100-01-6	4-Nitroaniline	ND	620	23	ug/kg	
91-20-3	Naphthalene	ND	310	7.2	ug/kg	
98-95-3	Nitrobenzene	ND	310	9.1	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	310	20	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	310	16	ug/kg	
85-01-8	Phenanthrene	8730	310	8.0	ug/kg	
129-00-0	Pyrene	8590	310	9.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	78%		30-130%
4165-62-2	Phenol-d5	75%		30-130%
118-79-6	2,4,6-Tribromophenol	73%		30-130%
4165-60-0	Nitrobenzene-d5	69%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

5/24/10

Report of Analysis

Client Sample ID:	828072SS-04		
Lab Sample ID:	M90665-4	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
Method:	SW846 8270C SW846 3545	Percent Solids:	79.3
Project:	ERDLE-NYSDEC Gates NY		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	72%		30-130%
1718-51-0	Terphenyl-d14	79%		30-130%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.02	2000	ug/kg	JN
203-64-5	4H-Cyclopenta[def]phenanthrene	12.35	620	ug/kg	JN
35465-71-5	2-Phenylnaphthalene	12.65	310	ug/kg	JN
238-84-6	11H-Benzo[a]fluorene	14.26	1300	ug/kg	JN
243-17-4	11H-Benzo[b]fluorene	14.36	960	ug/kg	JN
3353-12-6	Pyrene, 4-methyl-	14.42	760	ug/kg	JN
195-19-7	Benzo[c]phenanthrene	15.34	610	ug/kg	JN
	5,6-Dimethyl-4-phenyl-3-cyanopyrid	16.61	800	ug/kg	J
198-55-0	Perylene	17.78	1100	ug/kg	JN
	Total TIC, Semi-Volatile		8460	ug/kg	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

5/24/10

Raw Data: YZ56663.D

Accutest Laboratories

Report of Analysis

Client Sample ID:	828072SS-04		
Lab Sample ID:	M90665-4	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
Method:	SW846 8082 SW846 3545	Percent Solids:	79.3
Project:	ERDLE-NYSDEC Gates NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ56663.D	1	04/21/10	CZ	04/20/10	OP21131	GYZ2417
Run #2							

	Initial Weight	Final Volume
Run #1	15.8 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	120	30	ug/kg	
11104-28-2	Aroclor 1221	ND	120	7.8	ug/kg	
11141-16-5	Aroclor 1232	ND	120	17	ug/kg	
53469-21-9	Aroclor 1242	ND	120	10	ug/kg	
12672-29-6	Aroclor 1248	ND	120	32	ug/kg	
11097-69-1	Aroclor 1254	16.0	120	14	ug/kg	J
11096-82-5	Aroclor 1260	ND	120	23	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	106%		30-150%
877-09-8	Tetrachloro-m-xylene	108%		30-150%
2051-24-3	Decachlorobiphenyl	126%		30-150%
2051-24-3	Decachlorobiphenyl	103%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

5/24/10

Accutest Laboratories

Report of Analysis

3.4
3

Client Sample ID:	828072SS-04		
Lab Sample ID:	M90665-4	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
		Percent Solids:	79.3
Project:	ERDLE-NYSDEC Gates NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	3940	20	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Antimony	<2.0 J	2.0	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Arsenic	2.7	2.0	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Barium	20.9	20	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Beryllium	<0.40	0.40	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Cadmium	<0.40	0.40	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Calcium	61900 J	990	mg/kg	2	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Chromium	6.9	0.99	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Cobalt	<5.0	5.0	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Copper	8.6	2.5	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Iron	9110	9.9	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Lead	10.4	2.0	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Magnesium	18100	500	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Manganese	224	1.5	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Mercury	<0.037	0.037	mg/kg	1	04/21/10	04/21/10	MA	SW846 7471A [1]	SW846 7471A [4]
Nickel	8.0	4.0	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Potassium	912	500	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Selenium	<2.0	2.0	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Silver	<0.50	0.50	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Sodium	<500	500	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Thallium	<2.0	2.0	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Vanadium	9.0	3.0	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Zinc	31.9	2.0	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA11669
(2) Instrument QC Batch: MA11674
(3) Prep QC Batch: MP15103
(4) Prep QC Batch: MP15105

RL = Reporting Limit

5/24/10

Raw Data: S14643.D

Accutest Laboratories

Report of Analysis

Client Sample ID:	828072SS-05		
Lab Sample ID:	M90665-5	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
Method:	SW846 8270C SW846 3545	Percent Solids:	86.1
Project:	ERDLE-NYSDEC Gates NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S14643.D	1	04/26/10	AA	04/21/10	OP21143	MSS527
Run #2							

	Initial Weight	Final Volume
Run #1	20.4 g	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	280	15	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	570	20	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	570	33	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	570	57	ug/kg	
51-28-5	2,4-Dinitrophenol	ND J	1100	280	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND J	570	280	ug/kg	
95-48-7	2-Methylphenol	ND	570	16	ug/kg	
	3&4-Methylphenol	ND	570	30	ug/kg	
88-75-5	2-Nitrophenol	ND	570	34	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	280	ug/kg	
87-86-5	Pentachlorophenol	ND J	570	53	ug/kg	
108-95-2	Phenol	ND	280	47	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	570	42	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	570	39	ug/kg	
83-32-9	Acenaphthene	ND	280	24	ug/kg	
208-96-8	Acenaphthylene	ND	280	21	ug/kg	
98-86-2	Acetophenone	ND	570	26	ug/kg	
120-12-7	Anthracene	ND	280	22	ug/kg	
1912-24-9	Atrazine	ND	570	570	ug/kg	
100-52-7	Benzaldehyde	ND	1100	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	280	10	ug/kg	
50-32-8	Benzo(a)pyrene	ND	280	17	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	280	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	280	18	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	280	8.4	ug/kg	
92-52-4	1,1'-Biphenyl	ND	570	570	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	280	23	ug/kg	
85-68-7	Butyl benzyl phthalate	ND J	280	12	ug/kg	
105-60-2	Caprolactam	ND	570	570	ug/kg	
91-58-7	2-Chloronaphthalene	ND	280	24	ug/kg	
106-47-8	4-Chloroaniline	ND	570	140	ug/kg	
86-74-8	Carbazole	ND	280	22	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

5/24/10

Client Sample ID:	828072SS-05		
Lab Sample ID:	M90665-5	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
Method:	SW846 8270C SW846 3545	Percent Solids:	86.1
Project:	ERDLE-NYSDEC Gates NY		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	280	9.3	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	280	22	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	280	6.1	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	280	27	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	280	26	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	570	140	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	570	27	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	280	6.8	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	280	18	ug/kg	
132-64-9	Dibenzofuran	ND	280	24	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	280	26	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	280	15	ug/kg	J
84-66-2	Diethyl phthalate	ND	280	25	ug/kg	
131-11-3	Dimethyl phthalate	ND	280	20	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	280	20	ug/kg	J
206-44-0	Fluoranthene	ND	280	9.7	ug/kg	
86-73-7	Fluorene	ND	280	6.3	ug/kg	
118-74-1	Hexachlorobenzene	ND	280	25	ug/kg	
87-68-3	Hexachlorobutadiene	ND	280	22	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	570	3.8	ug/kg	J
67-72-1	Hexachloroethane	ND	280	23	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	280	17	ug/kg	
78-59-1	Isophorone	ND	280	28	ug/kg	
91-57-6	2-Methylnaphthalene	ND	280	24	ug/kg	
88-74-4	2-Nitroaniline	ND	570	140	ug/kg	
99-09-2	3-Nitroaniline	ND	570	140	ug/kg	
100-01-6	4-Nitroaniline	ND	570	21	ug/kg	
91-20-3	Naphthalene	ND	280	6.6	ug/kg	
98-95-3	Nitrobenzene	ND	280	8.4	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	280	18	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	280	15	ug/kg	
85-01-8	Phenanthrene	ND	280	7.3	ug/kg	
129-00-0	Pyrene	ND	280	9.2	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	83%		30-130%
4165-62-2	Phenol-d5	77%		30-130%
118-79-6	2,4,6-Tribromophenol	88%		30-130%
4165-60-0	Nitrobenzene-d5	70%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

5/24/10

3.5
3

Client Sample ID:	828072SS-05		
Lab Sample ID:	M90665-5	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
Method:	SW846 8270C SW846 3545	Percent Solids:	86.1
Project:	ERDLE-NYSDEC Gates NY		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	75%		30-130%
1718-51-0	Terphenyl-d14	79%		30-130%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
103-82-2	Benzeneacetic acid	7.33	800	ug/kg	JN
~~10544-50-0~~	~~Sulfur, mol. (S8)~~	~~13.28~~	~~720~~	~~ug/kg~~	~~JN~~
5737-13-3	Cyclopenta(def)phenanthrenone	17.22	3600	ug/kg	JN
629-96-9	1-Eicosanol	17.56	1100	ug/kg	JN
638-66-4	Octadecanal	18.18	700	ug/kg	JN
630-07-9	Pentatriacontane	18.40	770	ug/kg	JN
6175-49-1	2-Dodecanone	18.53	1000	ug/kg	JN
59-02-9	Vitamin E	18.76	1100	ug/kg	JN
111-73-9	1-Butanol, 4-ethoxy-	19.02	750	ug/kg	JN
	Isoquinoline, 6,7,8-trimethoxy-	19.13	1700	ug/kg	J
593-08-8	2-Tridecanone	19.53	1100	ug/kg	JN
83-47-6	.gamma.-Sitosterol	19.96	940	ug/kg	JN
7019-01-4	4-Aminodiphenylsulphone	20.05	1300	ug/kg	JN
	Total TIC, Semi-Volatile		15580	ug/kg	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

5/24/10

Raw Data: YZ56664.D

Accutest Laboratories

Report of Analysis

Client Sample ID:	828072SS-05		
Lab Sample ID:	M90665-5	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
Method:	SW846 8082 SW846 3545	Percent Solids:	86.1
Project:	ERDLE-NYSDEC Gates NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ56664.D	1	04/21/10	CZ	04/20/10	OP21131	GYZ2417
Run #2							

	Initial Weight	Final Volume
Run #1	15.4 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	110	29	ug/kg	
11104-28-2	Aroclor 1221	ND	110	7.4	ug/kg	
11141-16-5	Aroclor 1232	ND	110	16	ug/kg	
53469-21-9	Aroclor 1242	ND	110	9.7	ug/kg	
12672-29-6	Aroclor 1248	ND	110	30	ug/kg	
11097-69-1	Aroclor 1254	ND	110	13	ug/kg	
11096-82-5	Aroclor 1260	ND	110	22	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	69%		30-150%
877-09-8	Tetrachloro-m-xylene	70%		30-150%
2051-24-3	Decachlorobiphenyl	84%		30-150%
2051-24-3	Decachlorobiphenyl	86%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

5/24/10

Report of Analysis

Client Sample ID:	828072SS-05		
Lab Sample ID:	M90665-5	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
		Percent Solids:	86.1
Project:	ERDLE-NYSDEC Gates NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	4000	20	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Antimony	<2.0 J	2.0	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Arsenic	<2.0	2.0	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Barium	21.4	20	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Beryllium	<0.41	0.41	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Cadmium	<0.41	0.41	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Calcium	21300 J	510	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Chromium	5.9	1.0	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Cobalt	<5.1	5.1	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Copper	6.3	2.5	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Iron	8100	10	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Lead	4.9	2.0	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Magnesium	5690	510	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Manganese	216	1.5	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Mercury	<0.036	0.036	mg/kg	1	04/21/10	04/21/10	MA	SW846 7471A [1]	SW846 7471A [4]
Nickel	5.8	4.1	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Potassium	606	510	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Selenium	<2.0	2.0	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Silver	<0.51	0.51	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Sodium	<510	510	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Thallium	<2.0	2.0	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Vanadium	11.6	3.1	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Zinc	40.6	2.0	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA11669
(2) Instrument QC Batch: MA11674
(3) Prep QC Batch: MP15103
(4) Prep QC Batch: MP15105

RL = Reporting Limit

5/24/10

Accutest Laboratories

Report of Analysis

Client Sample ID:	828072SS-06		
Lab Sample ID:	M90665-6	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
Method:	SW846 8260B	Percent Solids:	50.0
Project:	ERDLE-NYSDEC Gates NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P44890.D	1	04/20/10	AMY	n/a	n/a	MSP1480
Run #2 [a]	P44908.D	1	04/23/10	AMY	n/a	n/a	MSP1481

	Initial Weight	Final Volume
Run #1	6.30 g	1.0 ml
Run #2	6.50 g	1.0 ml

VOA TCL 4.2 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	11.0 J	7.9	2.1	ug/kg	
71-43-2	Benzene	ND	0.79	0.77	ug/kg	
75-27-4	Bromodichloromethane	ND J	3.2	0.32	ug/kg	
75-25-2	Bromoform	ND J	3.2	1.4	ug/kg	
74-83-9	Bromomethane	ND	3.2	0.52	ug/kg	
78-93-3	2-Butanone (MEK)	ND J	7.9	2.6	ug/kg	
75-15-0	Carbon disulfide	ND J	7.9	0.66	ug/kg	
56-23-5	Carbon tetrachloride	ND J	3.2	0.57	ug/kg	
108-90-7	Chlorobenzene	ND	3.2	1.1	ug/kg	
75-00-3	Chloroethane	ND	7.9	1.3	ug/kg	
67-66-3	Chloroform	ND	3.2	0.48	ug/kg	
74-87-3	Chloromethane	ND	7.9	1.4	ug/kg	
110-82-7	Cyclohexane	ND	7.9	0.49	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND J	7.9	5.2	ug/kg	
124-48-1	Dibromochloromethane	ND	3.2	0.20	ug/kg	
106-93-4	1,2-Dibromoethane	ND	3.2	0.31	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	3.2	0.59	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	3.2	0.45	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	3.2	0.85	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	3.2	0.43	ug/kg	
75-34-3	1,1-Dichloroethane	ND	3.2	0.46	ug/kg	
107-06-2	1,2-Dichloroethane	ND	3.2	0.40	ug/kg	
75-35-4	1,1-Dichloroethene	ND	3.2	1.2	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	3.2	0.93	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	3.2	1.1	ug/kg	
78-87-5	1,2-Dichloropropane	ND	3.2	0.40	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND J	3.2	0.29	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND J	3.2	0.24	ug/kg	
100-41-4	Ethylbenzene	ND	3.2	0.26	ug/kg	
76-13-1	Freon 113	ND	7.9	1.5	ug/kg	
591-78-6	2-Hexanone	ND J	7.9	0.69	ug/kg	
98-82-8	Isopropylbenzene	ND	7.9	0.23	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

5/24/10

Accutest Laboratories

Report of Analysis

Client Sample ID:	828072SS-06		
Lab Sample ID:	M90665-6	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
Method:	SW846 8260B	Percent Solids:	50.0
Project:	ERDLE-NYSDEC Gates NY		

VOA TCL 4.2 List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-20-9	Methyl Acetate	ND	7.9	1.7	ug/kg	
108-87-2	Methylcyclohexane	ND	7.9	0.39	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND J	3.2	0.39	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	7.9	1.6	ug/kg	
75-09-2	Methylene chloride	ND	3.2	0.70	ug/kg	
100-42-5	Styrene	ND	7.9	1.3	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.2	0.34	ug/kg	
127-18-4	Tetrachloroethene	ND	3.2	0.26	ug/kg	
108-88-3	Toluene	ND	7.9	0.42	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND J	7.9	1.2	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND J	3.2	0.51	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	3.2	0.30	ug/kg	
79-01-6	Trichloroethene	ND	3.2	0.54	ug/kg	
75-69-4	Trichlorofluoromethane	ND	3.2	0.84	ug/kg	
75-01-4	Vinyl chloride	ND	3.2	0.95	ug/kg	
1330-20-7	Xylene (total)	ND	3.2	0.42	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%	99%	70-130%
2037-26-5	Toluene-D8	91%	90%	70-130%
460-00-4	4-Bromofluorobenzene	131% b	134% b	70-130%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

(a) Confirmation run.
(b) Outside control limits due to possible matrix interference. Confirmed by reanalysis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

5/24/10

Raw Data: S14644.D

Accutest Laboratories

Report of Analysis

3.3
3

Client Sample ID:	828072SS-06		
Lab Sample ID:	M90665-6	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
Method:	SW846 8270C SW846 3545	Percent Solids:	50.0
Project:	ERDLE-NYSDEC Gates NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S14644.D	1	04/26/10	AA	04/21/10	OP21143	MSS527
Run #2							

	Initial Weight	Final Volume
Run #1	20.4 g	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	490	26	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	980	34	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	980	58	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	980	98	ug/kg	
51-28-5	2,4-Dinitrophenol	ND J	2000	490	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND J	980	490	ug/kg	
95-48-7	2-Methylphenol	ND	980	28	ug/kg	
	3&4-Methylphenol	ND	980	52	ug/kg	
88-75-5	2-Nitrophenol	ND	980	59	ug/kg	
100-02-7	4-Nitrophenol	ND	2000	490	ug/kg	
87-86-5	Pentachlorophenol	ND J	980	91	ug/kg	
108-95-2	Phenol	ND	490	82	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	980	73	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	980	68	ug/kg	
83-32-9	Acenaphthene	ND	490	41	ug/kg	
208-96-8	Acenaphthylene	ND	490	37	ug/kg	
98-86-2	Acetophenone	ND	980	44	ug/kg	
120-12-7	Anthracene	ND	490	39	ug/kg	
1912-24-9	Atrazine	ND	980	980	ug/kg	
100-52-7	Benzaldehyde	ND	2000	2000	ug/kg	
56-55-3	Benzo(a)anthracene	ND	490	18	ug/kg	
50-32-8	Benzo(a)pyrene	ND	490	29	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	490	57	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	490	32	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	490	15	ug/kg	
92-52-4	1,1'-Biphenyl	ND	980	980	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	490	40	ug/kg	
85-68-7	Butyl benzyl phthalate	ND J	490	21	ug/kg	
105-60-2	Caprolactam	ND	980	980	ug/kg	
91-58-7	2-Chloronaphthalene	ND	490	41	ug/kg	
106-47-8	4-Chloroaniline	ND	980	250	ug/kg	
86-74-8	Carbazole	ND	490	38	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

5/24/10

Report of Analysis

Client Sample ID:	828072SS-06		
Lab Sample ID:	M90665-6	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
Method:	SW846 8270C SW846 3545	Percent Solids:	50.0
Project:	ERDLE-NYSDEC Gates NY		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	490	16	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	490	38	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	490	11	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	490	47	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	490	44	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	980	250	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	980	47	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	490	12	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	490	32	ug/kg	
132-64-9	Dibenzofuran	ND	490	42	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	490	45	ug/kg	
117-84-0	Di-n-octyl phthalate	ND J	490	26	ug/kg	
84-66-2	Diethyl phthalate	ND	490	43	ug/kg	
131-11-3	Dimethyl phthalate	ND	490	34	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND J	490	34	ug/kg	
206-44-0	Fluoranthene	92.1	490	17	ug/kg	J
86-73-7	Fluorene	ND	490	11	ug/kg	
118-74-1	Hexachlorobenzene	ND	490	42	ug/kg	
87-68-3	Hexachlorobutadiene	ND	490	38	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND J	980	6.6	ug/kg	
67-72-1	Hexachloroethane	ND	490	40	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	490	30	ug/kg	
78-59-1	Isophorone	ND	490	49	ug/kg	
91-57-6	2-Methylnaphthalene	ND	490	41	ug/kg	
88-74-4	2-Nitroaniline	ND	980	250	ug/kg	
99-09-2	3-Nitroaniline	ND	980	250	ug/kg	
100-01-6	4-Nitroaniline	ND	980	36	ug/kg	
91-20-3	Naphthalene	ND	490	11	ug/kg	
98-95-3	Nitrobenzene	ND	490	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	490	31	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	490	26	ug/kg	
85-01-8	Phenanthrene	55.0	490	13	ug/kg	J
129-00-0	Pyrene	72.5	490	16	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	75%		30-130%
4165-62-2	Phenol-d5	72%		30-130%
118-79-6	2,4,6-Tribromophenol	86%		30-130%
4165-60-0	Nitrobenzene-d5	67%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

5/24/10

Report of Analysis

Client Sample ID:	828072SS-06		
Lab Sample ID:	M90665-6	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
Method:	SW846 8270C SW846 3545	Percent Solids:	50.0
Project:	ERDLE-NYSDEC Gates NY		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	70%		30-130%
1718-51-0	Terphenyl-d14	80%		30-130%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
54644-27-8	1,2,4-Cyclopentanetrione, 3-(2-pen	10.91	1100	ug/kg	JN
1454-84-8	1-Nonadecanol	16.55	1400	ug/kg	JN
77899-10-6	(Z)14-Tricosenyl formate	17.23	1200	ug/kg	JN
1599-67-3	1-Docosene	17.55	1700	ug/kg	JN
638-66-4	Octadecanal	18.18	1600	ug/kg	JN
630-07-9	Pentatriacontane	18.40	1100	ug/kg	JN
54889-60-0	Hexanoic acid, 2-ethyl-2-propyl-,	18.64	1300	ug/kg	JN
59-02-9	Vitamin E	18.76	1300	ug/kg	JN
1953-54-4	1H-Indol-5-ol	18.89	1000	ug/kg	JN
77899-10-6	(Z)14-Tricosenyl formate	19.13	1700	ug/kg	JN
3386-33-2	Octadecane, 1-chloro-	19.35	1200	ug/kg	JN
83-48-7	Stigmasterol	19.62	2500	ug/kg	JN
83-47-6	.gamma.-Sitosterol	19.96	1500	ug/kg	JN
54832-82-5	Tricyclo[4.3.0.07,9]nonane, 2,2,5,	20.05	1800	ug/kg	JN
	Total TIC, Semi-Volatile		20400	ug/kg	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

5/24/10

Raw Data: YZ56666.D

Accutest Laboratories

Report of Analysis

Client Sample ID:	828072SS-06		
Lab Sample ID:	M90665-6	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
Method:	SW846 8082 SW846 3545	Percent Solids:	50.0
Project:	ERDLE-NYSDEC Gates NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ56666.D	1	04/21/10	CZ	04/20/10	OP21131	GYZ2417
Run #2							

	Initial Weight	Final Volume
Run #1	15.3 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	200	49	ug/kg	
11104-28-2	Aroclor 1221	ND	200	13	ug/kg	
11141-16-5	Aroclor 1232	ND	200	28	ug/kg	
53469-21-9	Aroclor 1242	ND	200	17	ug/kg	
12672-29-6	Aroclor 1248	ND	200	52	ug/kg	
11097-69-1	Aroclor 1254	ND	200	23	ug/kg	
11096-82-5	Aroclor 1260	ND	200	38	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	111%		30-150%
877-09-8	Tetrachloro-m-xylene	112%		30-150%
2051-24-3	Decachlorobiphenyl	129%		30-150%
2051-24-3	Decachlorobiphenyl	132%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

5/24/10

Accutest Laboratories

Report of Analysis

3.6

Client Sample ID:	828072SS-06		
Lab Sample ID:	M90665-6	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
		Percent Solids:	50.0
Project:	ERDLE-NYSDEC Gates NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	5950	19	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Antimony	<1.9 J	1.9	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Arsenic	4.0	1.9	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Barium	<19	19	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Beryllium	<0.38	0.38	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Cadmium	<0.38	0.38	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Calcium	3970 J	480	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Chromium	7.2	0.96	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Cobalt	<4.8	4.8	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Copper	7.2	2.4	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Iron	9060	9.6	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Lead	16.1	1.9	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Magnesium	833	480	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Manganese	118	1.4	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Mercury	0.087	0.029	mg/kg	1	04/21/10	04/21/10	MA	SW846 7471A [1]	SW846 7471A [4]
Nickel	4.4	3.8	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Potassium	<480	480	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Selenium	<1.9	1.9	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Silver	<0.48	0.48	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Sodium	<480	480	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Thallium	<1.9	1.9	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Vanadium	16.7	2.9	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Zinc	70.9	1.9	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA11669
(2) Instrument QC Batch: MA11674
(3) Prep QC Batch: MP15103
(4) Prep QC Batch: MP15105

RL = Reporting Limit

5/24/10

Accutest Laboratories

Report of Analysis

Client Sample ID:	828072SS-07		
Lab Sample ID:	M90665-7	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
Method:	SW846 8260B	Percent Solids:	75.5
Project:	ERDLE-NYSDEC Gates NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P44891.D	1	04/20/10	AMY	n/a	n/a	MSP1480
Run #2							

	Initial Weight	Final Volume
Run #1	9.02 g	1.0 ml
Run #2		

VOA TCL 4.2 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	3.2 J	3.7	0.95	ug/kg	J
71-43-2	Benzene	ND	0.37	0.36	ug/kg	
75-27-4	Bromodichloromethane	ND J	1.5	0.15	ug/kg	
75-25-2	Bromoform	ND J	1.5	0.64	ug/kg	
74-83-9	Bromomethane	ND	1.5	0.24	ug/kg	
78-93-3	2-Butanone (MEK)	ND J	3.7	1.2	ug/kg	
75-15-0	Carbon disulfide	ND J	3.7	0.31	ug/kg	
56-23-5	Carbon tetrachloride	ND J	1.5	0.26	ug/kg	
108-90-7	Chlorobenzene	ND	1.5	0.50	ug/kg	
75-00-3	Chloroethane	ND	3.7	0.59	ug/kg	
67-66-3	Chloroform	ND	1.5	0.22	ug/kg	
74-87-3	Chloromethane	ND	3.7	0.65	ug/kg	
110-82-7	Cyclohexane	ND	3.7	0.22	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND J	3.7	2.4	ug/kg	
124-48-1	Dibromochloromethane	ND	1.5	0.094	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.5	0.14	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.5	0.27	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.5	0.21	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.5	0.39	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.5	0.20	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.5	0.21	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.5	0.19	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.5	0.57	ug/kg	
156-59-2	cis-1,2-Dichloroethene	2.7 J	1.5	0.43	ug/kg	
156-60-5	trans-1,2-Dichloroethene	0.92 J	1.5	0.52	ug/kg	J
78-87-5	1,2-Dichloropropane	ND	1.5	0.19	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.5	0.13	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.5	0.11	ug/kg	
100-41-4	Ethylbenzene	ND	1.5	0.12	ug/kg	
76-13-1	Freon 113	ND	3.7	0.68	ug/kg	
591-78-6	2-Hexanone	ND J	3.7	0.32	ug/kg	
98-82-8	Isopropylbenzene	ND	3.7	0.11	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

5/24/10

Report of Analysis

Client Sample ID:	828072SS-07		
Lab Sample ID:	M90665-7	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
Method:	SW846 8260B	Percent Solids:	75.5
Project:	ERDLE-NYSDEC Gates NY		

VOA TCL 4.2 List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-20-9	Methyl Acetate	ND	3.7	0.81	ug/kg	
108-87-2	Methylcyclohexane	ND	3.7	0.18	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.5	0.18	ug/kg	J
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	3.7	0.73	ug/kg	
75-09-2	Methylene chloride	ND	1.5	0.32	ug/kg	
100-42-5	Styrene	ND	3.7	0.58	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.5	0.16	ug/kg	
127-18-4	Tetrachloroethene	ND	1.5	0.12	ug/kg	
108-88-3	Toluene	ND	3.7	0.19	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	3.7	0.53	ug/kg	J
71-55-6	1,1,1-Trichloroethane	ND	1.5	0.24	ug/kg	J
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.14	ug/kg	
79-01-6	Trichloroethene	6.9	1.5	0.25	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.5	0.39	ug/kg	
75-01-4	Vinyl chloride	ND	1.5	0.44	ug/kg	
1330-20-7	Xylene (total)	ND	1.5	0.20	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		70-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	119%		70-130%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

5/24/10

Accutest Laboratories

Report of Analysis

Client Sample ID:	828072SS-07		
Lab Sample ID:	M90665-7	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
Method:	SW846 8270C SW846 3545	Percent Solids:	75.5
Project:	ERDLE-NYSDEC Gates NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S14645.D	1	04/26/10	AA	04/21/10	OP21143	MSS527
Run #2							

	Initial Weight	Final Volume
Run #1	20.0 g	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	330	18	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	660	23	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	660	39	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	660	66	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1300	330	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	660	330	ug/kg	
95-48-7	2-Methylphenol	ND	660	19	ug/kg	
	3&4-Methylphenol	ND	660	35	ug/kg	
88-75-5	2-Nitrophenol	ND	660	40	ug/kg	
100-02-7	4-Nitrophenol	ND	1300	330	ug/kg	
87-86-5	Pentachlorophenol	ND	660	61	ug/kg	
108-95-2	Phenol	ND	330	55	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	660	49	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	660	46	ug/kg	
83-32-9	Acenaphthene	ND	330	28	ug/kg	
208-96-8	Acenaphthylene	ND	330	25	ug/kg	
98-86-2	Acetophenone	ND	660	30	ug/kg	
120-12-7	Anthracene	ND	330	26	ug/kg	
1912-24-9	Atrazine	ND	660	660	ug/kg	
100-52-7	Benzaldehyde	ND	1300	1300	ug/kg	
56-55-3	Benzo(a)anthracene	ND	330	12	ug/kg	
50-32-8	Benzo(a)pyrene	ND	330	20	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	330	39	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	330	21	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	330	9.8	ug/kg	
92-52-4	1,1'-Biphenyl	ND	660	660	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	330	27	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	330	14	ug/kg	
105-60-2	Caprolactam	ND	660	660	ug/kg	
91-58-7	2-Chloronaphthalene	ND	330	28	ug/kg	
106-47-8	4-Chloroaniline	ND	660	170	ug/kg	
86-74-8	Carbazole	ND	330	26	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

5/28/10

Report of Analysis

Client Sample ID:	828072SS-07		
Lab Sample ID:	M90665-7	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
Method:	SW846 8270C SW846 3545	Percent Solids:	75.5
Project:	ERDLE-NYSDEC Gates NY		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	330	11	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	330	26	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	330	7.1	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	330	31	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	330	30	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	660	170	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	660	32	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	330	7.9	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	330	21	ug/kg	
132-64-9	Dibenzofuran	ND	330	28	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	330	30	ug/kg	
117-84-0	Di-n-octyl phthalate	ND J	330	17	ug/kg	
84-66-2	Diethyl phthalate	ND	330	29	ug/kg	
131-11-3	Dimethyl phthalate	ND	330	23	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	134 J	330	23	ug/kg	J
206-44-0	Fluoranthene	ND	330	11	ug/kg	
86-73-7	Fluorene	ND	330	7.3	ug/kg	
118-74-1	Hexachlorobenzene	ND	330	29	ug/kg	
87-68-3	Hexachlorobutadiene	ND	330	26	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND J	660	4.5	ug/kg	
67-72-1	Hexachloroethane	ND	330	27	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	330	20	ug/kg	
78-59-1	Isophorone	ND	330	33	ug/kg	
91-57-6	2-Methylnaphthalene	ND	330	28	ug/kg	
88-74-4	2-Nitroaniline	ND	660	170	ug/kg	
99-09-2	3-Nitroaniline	ND	660	170	ug/kg	
100-01-6	4-Nitroaniline	ND	660	25	ug/kg	
91-20-3	Naphthalene	ND	330	7.7	ug/kg	
98-95-3	Nitrobenzene	ND	330	9.8	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	330	21	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	330	18	ug/kg	
85-01-8	Phenanthrene	ND	330	8.5	ug/kg	
129-00-0	Pyrene	ND	330	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	79%		30-130%
4165-62-2	Phenol-d5	74%		30-130%
118-79-6	2,4,6-Tribromophenol	83%		30-130%
4165-60-0	Nitrobenzene-d5	66%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

5/24/10

Report of Analysis

Client Sample ID:	828072SS-07		
Lab Sample ID:	M90665-7	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
Method:	SW846 8270C SW846 3545	Percent Solids:	75.5
Project:	ERDLE-NYSDEC Gates NY		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	71%		30-130%
1718-51-0	Terphenyl-d14	81%		30-130%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
630-07-9	Pentatriacontane	15.47	330	ug/kg	JN
18435-45-5	1-Nonadecene	16.56	310	ug/kg	JN
112-95-8	Eicosane	17.49	270	ug/kg	JN
1454-85-9	1-Heptadecanol	17.56	340	ug/kg	JN
	1-Hexacosanal	18.18	300	ug/kg	J
7225-64-1	Heptadecane, 9-octyl-	18.40	280	ug/kg	JN
	Total TIC, Semi-Volatile		1830	ug/kg	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

5/24/10

Raw Data: YZ56667.D

Accutest Laboratories

Report of Analysis

3.7
3

Client Sample ID:	828072SS-07		
Lab Sample ID:	M90665-7	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
Method:	SW846 8082 SW846 3545	Percent Solids:	75.5
Project:	ERDLE-NYSDEC Gates NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ56667.D	1	04/21/10	CZ	04/20/10	OP21131	GYZ2417
Run #2							

	Initial Weight	Final Volume
Run #1	15.8 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	130	32	ug/kg	
11104-28-2	Aroclor 1221	ND	130	8.2	ug/kg	
11141-16-5	Aroclor 1232	ND	130	18	ug/kg	
53469-21-9	Aroclor 1242	ND	130	11	ug/kg	
12672-29-6	Aroclor 1248	ND	130	33	ug/kg	
11097-69-1	Aroclor 1254	ND	130	14	ug/kg	
11096-82-5	Aroclor 1260	ND	130	24	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	103%		30-150%
877-09-8	Tetrachloro-m-xylene	104%		30-150%
2051-24-3	Decachlorobiphenyl	126%		30-150%
2051-24-3	Decachlorobiphenyl	128%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

5/24/10

Accutest Laboratories

Report of Analysis

Client Sample ID:	828072SS-07		
Lab Sample ID:	M90665-7	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
		Percent Solids:	75.5
Project:	ERDLE-NYSDEC Gates NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	9340	20	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Antimony	<2.0 J	2.0	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Arsenic	3.6	2.0	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Barium	65.5	20	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Beryllium	0.46	0.39	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Cadmium	<0.39	0.39	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Calcium	32700 J	490	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Chromium	12.6	0.98	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Cobalt	6.2	4.9	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Copper	11.1	2.5	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Iron	16300	9.8	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Lead	8.9	2.0	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Magnesium	8440	490	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Manganese	387	1.5	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Mercury	<0.040	0.040	mg/kg	1	04/21/10	04/21/10	MA	SW846 7471A [1]	SW846 7471A [4]
Nickel	15.7	3.9	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Potassium	1440	490	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Selenium	<2.0	2.0	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Silver	<0.49	0.49	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Sodium	<490	490	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Thallium	<2.0	2.0	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Vanadium	18.2	2.9	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]
Zinc	95.6	2.0	mg/kg	1	04/20/10	04/22/10	DA	SW846 6010B [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA11669
(2) Instrument QC Batch: MA11674
(3) Prep QC Batch: MP15103
(4) Prep QC Batch: MP15105

RL = Reporting Limit

5/24/10

Raw Data: BE19301.D

Accutest Laboratories

Report of Analysis

3.1

3

Client Sample ID:	828072SS-01		
Lab Sample ID:	M90665-1R	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
Method:	SW846 8081 SW846 3545	Percent Solids:	83.3
Project:	ERDLE-NYSDEC Gates NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	BE19301.D	1	05/05/10	SL	05/01/10	OP21238	GBE1249
Run #2							

	Initial Weight	Final Volume
Run #1	15.9 g	10.0 ml
Run #2		

Pesticide PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	7.6	2.5	ug/kg	
319-84-6	alpha-BHC	ND	7.6	2.3	ug/kg	
319-85-7	beta-BHC	ND	7.6	2.6	ug/kg	
319-86-8	delta-BHC	ND	7.6	5.9	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	7.6	2.9	ug/kg	
12789-03-6	Chlordane	ND	76	29	ug/kg	
60-57-1	Dieldrin	ND	7.6	2.6	ug/kg	
72-54-8	4,4'-DDD	ND	7.6	3.1	ug/kg	
72-55-9	4,4'-DDE	ND	7.6	2.7	ug/kg	
50-29-3	4,4'-DDT	ND	7.6	3.0	ug/kg	
72-20-8	Endrin	ND	7.6	3.1	ug/kg	
1031-07-8	Endosulfan sulfate	ND	7.6	2.7	ug/kg	
7421-93-4	Endrin aldehyde	ND	7.6	2.0	ug/kg	
959-98-8	Endosulfan-I	ND	7.6	7.1	ug/kg	
33213-65-9	Endosulfan-II	ND	7.6	1.8	ug/kg	
76-44-8	Heptachlor	ND	7.6	2.7	ug/kg	
1024-57-3	Heptachlor epoxide	ND	7.6	3.0	ug/kg	
72-43-5	Methoxychlor	ND	7.6	3.9	ug/kg	
8001-35-2	Toxaphene	ND	76	45	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	99%		30-150%
877-09-8	Tetrachloro-m-xylene	98%		30-150%
2051-24-3	Decachlorobiphenyl	115%		30-150%
2051-24-3	Decachlorobiphenyl	115%		30-150%

(a) Analysis requested after recommended holding time.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

5/24/10

Accutest Laboratories

Report of Analysis

Client Sample ID:	828072SS-04		
Lab Sample ID:	M90665-4R	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
Method:	SW846 8081 SW846 3545	Percent Solids:	79.3
Project:	ERDLE-NYSDEC Gates NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	BE19302.D	1	05/05/10	SL	05/01/10	OP21238	GBE1249
Run #2							

	Initial Weight	Final Volume
Run #1	15.1 g	10.0 ml
Run #2		

Pesticide PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	8.3	2.8	ug/kg	
319-84-6	alpha-BHC	ND	8.3	2.5	ug/kg	
319-85-7	beta-BHC	ND	8.3	2.9	ug/kg	
319-86-8	delta-BHC	ND	8.3	6.6	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	8.3	3.2	ug/kg	
12789-03-6	Chlordane	ND	83	32	ug/kg	
60-57-1	Dieldrin	ND	8.3	2.9	ug/kg	
72-54-8	4,4'-DDD	ND	8.3	3.4	ug/kg	
72-55-9	4,4'-DDE	ND	8.3	3.0	ug/kg	
50-29-3	4,4'-DDT	ND	8.3	3.4	ug/kg	
72-20-8	Endrin	ND	8.3	3.5	ug/kg	
1031-07-8	Endosulfan sulfate	ND	8.3	3.0	ug/kg	
7421-93-4	Endrin aldehyde	ND	8.3	2.2	ug/kg	
959-98-8	Endosulfan-I	ND	8.3	7.9	ug/kg	
33213-65-9	Endosulfan-II	ND	8.3	2.0	ug/kg	
76-44-8	Heptachlor	ND	8.3	3.0	ug/kg	
1024-57-3	Heptachlor epoxide	ND	8.3	3.3	ug/kg	
72-43-5	Methoxychlor	ND	8.3	4.3	ug/kg	
8001-35-2	Toxaphene	ND	83	49	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	100%		30-150%
877-09-8	Tetrachloro-m-xylene	109%		30-150%
2051-24-3	Decachlorobiphenyl	83%		30-150%
2051-24-3	Decachlorobiphenyl	89%		30-150%

(a) Analysis requested after recommended holding time.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

5/24/10

Raw Data: BE19303.D

Accutest Laboratories

Report of Analysis

Client Sample ID:	828072SS-05		
Lab Sample ID:	M90665-5R	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
Method:	SW846 8081 SW846 3545	Percent Solids:	86.1
Project:	ERDLE-NYSDEC Gates NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	BE19303.D	1	05/05/10	SL	05/01/10	OP21238	GBE1249
Run #2							

	Initial Weight	Final Volume
Run #1	15.6 g	10.0 ml
Run #2		

Pesticide PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	7.5	2.5	ug/kg	
319-84-6	alpha-BHC	ND	7.5	2.2	ug/kg	
319-85-7	beta-BHC	ND	7.5	2.6	ug/kg	
319-86-8	delta-BHC	ND	7.5	5.9	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	7.5	2.8	ug/kg	
12789-03-6	Chlordane	ND	75	28	ug/kg	
60-57-1	Dieldrin	ND	7.5	2.6	ug/kg	
72-54-8	4,4'-DDD	ND	7.5	3.0	ug/kg	
72-55-9	4,4'-DDE	ND	7.5	2.7	ug/kg	
50-29-3	4,4'-DDT	ND	7.5	3.0	ug/kg	
72-20-8	Endrin	ND	7.5	3.1	ug/kg	
1031-07-8	Endosulfan sulfate	ND	7.5	2.7	ug/kg	
7421-93-4	Endrin aldehyde	ND	7.5	1.9	ug/kg	
959-98-8	Endosulfan-I	ND	7.5	7.0	ug/kg	
33213-65-9	Endosulfan-II	ND	7.5	1.8	ug/kg	
76-44-8	Heptachlor	ND	7.5	2.7	ug/kg	
1024-57-3	Heptachlor epoxide	ND	7.5	2.9	ug/kg	
72-43-5	Methoxychlor	ND	7.5	3.9	ug/kg	
8001-35-2	Toxaphene	ND	75	44	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	62%		30-150%
877-09-8	Tetrachloro-m-xylene	77%		30-150%
2051-24-3	Decachlorobiphenyl	80%		30-150%
2051-24-3	Decachlorobiphenyl	83%		30-150%

(a) Analysis requested after recommended holding time.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

5/24/10

Raw Data: BE19304.D

Accutest Laboratories

Report of Analysis

Client Sample ID:	828072SS-06		
Lab Sample ID:	M90665-6R	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
Method:	SW846 8081 SW846 3545	Percent Solids:	50.0
Project:	ERDLE-NYSDEC Gates NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	BE19304.D	1	05/05/10	SL	05/01/10	OP21238	GBE1249
Run #2							

	Initial Weight	Final Volume
Run #1	15.7 g	10.0 ml
Run #2		

Pesticide PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	13	4.2	ug/kg	
319-84-6	alpha-BHC	ND	13	3.8	ug/kg	
319-85-7	beta-BHC	ND	13	4.4	ug/kg	
319-86-8	delta-BHC	ND	13	10	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	13	4.8	ug/kg	
12789-03-6	Chlordane	ND	130	49	ug/kg	
60-57-1	Dieldrin	ND	13	4.3	ug/kg	
72-54-8	4,4'-DDD	ND	13	5.2	ug/kg	
72-55-9	4,4'-DDE	ND	13	4.5	ug/kg	
50-29-3	4,4'-DDT	ND	13	5.1	ug/kg	
72-20-8	Endrin	ND	13	5.3	ug/kg	
1031-07-8	Endosulfan sulfate	ND	13	4.5	ug/kg	
7421-93-4	Endrin aldehyde	ND	13	3.3	ug/kg	
959-98-8	Endosulfan-I	ND	13	12	ug/kg	
33213-65-9	Endosulfan-II	ND	13	3.0	ug/kg	
76-44-8	Heptachlor	ND	13	4.6	ug/kg	
1024-57-3	Heptachlor epoxide	ND	13	5.0	ug/kg	
72-43-5	Methoxychlor	ND	13	6.6	ug/kg	
8001-35-2	Toxaphene	ND	130	75	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	96%		30-150%
877-09-8	Tetrachloro-m-xylene	109%		30-150%
2051-24-3	Decachlorobiphenyl	117%		30-150%
2051-24-3	Decachlorobiphenyl	131%		30-150%

(a) Analysis requested after recommended holding time.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

5/24/10

Raw Data: BE19305.D

Accutest Laboratories

Report of Analysis

Client Sample ID:	828072SS-07		
Lab Sample ID:	M90665-7R	Date Sampled:	04/15/10
Matrix:	SO - Soil	Date Received:	04/16/10
Method:	SW846 8081 SW846 3545	Percent Solids:	75.5
Project:	ERDLE-NYSDEC Gates NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	BE19305.D	1	05/05/10	SL	05/01/10	OP21238	GBE1249
Run #2							

	Initial Weight	Final Volume
Run #1	15.4 g	10.0 ml
Run #2		

Pesticide PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	8.6	2.9	ug/kg	
319-84-6	alpha-BHC	ND	8.6	2.6	ug/kg	
319-85-7	beta-BHC	ND	8.6	3.0	ug/kg	
319-86-8	delta-BHC	ND	8.6	6.8	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	8.6	3.3	ug/kg	
12789-03-6	Chlordane	ND	86	33	ug/kg	
60-57-1	Dieldrin	ND	8.6	2.9	ug/kg	
72-54-8	4,4'-DDD	ND	8.6	3.5	ug/kg	
72-55-9	4,4'-DDE	ND	8.6	3.1	ug/kg	
50-29-3	4,4'-DDT	ND	8.6	3.5	ug/kg	
72-20-8	Endrin	ND	8.6	3.6	ug/kg	
1031-07-8	Endosulfan sulfate	ND	8.6	3.1	ug/kg	
7421-93-4	Endrin aldehyde	ND	8.6	2.2	ug/kg	
959-98-8	Endosulfan-I	ND	8.6	8.1	ug/kg	
33213-65-9	Endosulfan-II	ND	8.6	2.1	ug/kg	
76-44-8	Heptachlor	ND	8.6	3.1	ug/kg	
1024-57-3	Heptachlor epoxide	ND	8.6	3.4	ug/kg	
72-43-5	Methoxychlor	ND	8.6	4.5	ug/kg	
8001-35-2	Toxaphene	ND	86	51	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	107%		30-150%
877-09-8	Tetrachloro-m-xylene	118%		30-150%
2051-24-3	Decachlorobiphenyl	115%		30-150%
2051-24-3	Decachlorobiphenyl	134%		30-150%

(a) Analysis requested after recommended holding time.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

5/24/10