New York State Department of Environmental Conservation
625 Broadway • Albany, New York 12233

Interim Remedial Action Summary Report – Drum and Debris Removal

Town Line Road Dump Site
Site # 706007
Town of Springport
Cayuga County, New York

December 2011

Report Prepared By:

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ARCADIS MALCOLM PIRNIE
Infrastructure · Water · Environment · Buildings

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1. Introduction

The New York State Department of Environmental Conservation (NYSDEC) tasked ARCADIS-Malcolm Pirnie (Arcadis) to perform a Remedial Investigation/Feasibility Study (RI/FS) at the Town Line Road Dump Site (Site No. 706007) located in the Town of Springport, Cayuga County, New York (Site). Based on the results of the RI/FS, the NYSDEC implemented am Interim Remedial Action (IRA) to remove drums and debris from the property. This report summarizes the activities and observations associated with implementation of the drum and debris removal IRA. The work was performed in November 2011 by the NYSDEC's Standby Contractor, Nature's Way Environmental Consultants and Contractors, Inc. (Nature's Way) in accordance with the NYSDEC's Standby Contractor Authorization and a Request for Proposal Dated October 5, 2011.

2. Background

2.1. Site Description

The NYSDEC Division of Environmental Remediation (DER) has listed the site known as the "Town Line Road Dump", as a Class 2 inactive hazardous waste site (NYSDEC Site No. 706007). The site is located on Town Line Road in the Town of Springport, Cayuga County, New York and is approximately 20 acres of forested land surrounded by agricultural lands. The location of the site is shown on Figure 1.

In 1968 and 1969, the northern portion of the site was reportedly used as a landfill by the Towns of Springport and Aureluis for the disposal for municipal waste. From 1964 to 1970, employees of two local companies reportedly disposed of an estimated 660 drums of liquid trichloroethene (TCE) and waste hydraulic oil at the site. The waste TCE and hydraulic oil was reportedly transported to the site and the drums were opened and allowed to drain onto the ground surface. Several areas of drums and debris from these past disposal activities remained on the site. Based on visual observations in the late spring of 2011, recent disposal of what appears to be residential or commercial waste debris had occurred on site.

The NYSDEC Record of Decision (ROD) for the site was issued in March 2011. An element of the ROD is the removal of the drums and debris from the site. Accordingly, an IRA scope of work was developed, and proposals were received from standby contractors, for the implementation of the IRA.

2.2. Scope of Work

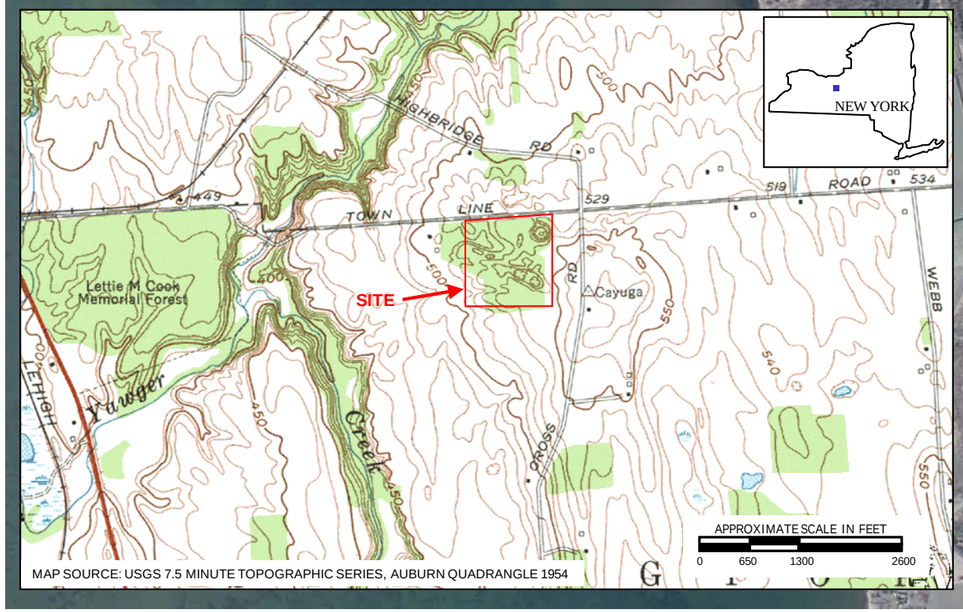
The scope of work included the removal of metal and plastic drums and debris from the site. Based on visual observations, the debris included automobiles and automobile parts, tires, scrap metal, plastic of varying composition and sizes, glass, paper, cardboard, wood products, and general residential waste. Containers of household cleaning products and automobile fluids were also observed. All encountered drums were screened to evaluate if any liquids were present and if so if they contained volatile organics via a Photo Ionization Detector (PID) prior to removal.

The majority of the drums and debris were located within, and adjacent to, two ponds, which are designated as Pond 3 and Pond 4. Access to the area was from a privately-owned gravel/dirt drive that originates at Town Line Road.

Cayuga Lake

Site

N



Feet
0 625 1,250 2,500 3,750 5,000

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NEW YORK STATE DEPARTMENT OF
ENVIRONMENTAL CONSERVATION
TOWN LINE DUMP

SITE LOCATION

MALCOLM PIRNIE, INC.

SEPTEMBER 2011
FIGURE 1

3. Interim Remedial Action

The following IRA activities were conducted by Nature's Way as a Standby Contractor to the NYSDEC in November 2011 in accordance with the NYSDEC's October 5, 2011 Request for Proposal:

- Clearing and grubbing as necessary to access the work areas.
- Construction of temporary roadways as required to access the work areas.
- Installation and maintenance of erosion and sediment controls.
- Removal of drums and debris and any stained soils from the work areas. Separation of soil and/or organic matter (i.e., tree limbs, leaves, grasses, etc.) from the drums and debris to the extent practical.
- Transportation and disposal of drums and debris at a permitted facility licensed to accept the waste in accordance with local, state, and federal regulations. Separation and recycling of uncontaminated materials where practicable.
- Management of any surface water and groundwater encountered during the work activities.
- Upon the acceptance of the NYSDEC representative, placement of general fill and topsoil required to stabilize the work areas in accordance with the plans and specifications.
- Site restoration, including seeding and mulching of all disturbed areas, and, at the request of the NYSDEC, establishment of a gate at the entrance to the site.

3.1. Drum and Debris Removal

Work Activities Commenced on November 7, 2011 with the initial site mobilization, installation of silt fence, and clearing necessary to access the work areas. Based on discussions with the NYSDEC, the clearing effort was minimized to the extent practical to allow for access to the debris area for debris removal. The clearing debris was left at the edge of the work limits to minimize costs and effort. Inspection reports that

summarize the observed site activities are included in Appendix A. A photo log that further documents the work activities is included as Appendix B.

Debris was generally removed from four areas: The Pond #3 North Area, Pond #3 East Areas, Pond #4 Area and the area above (west of) Pond #4 that contained household debris piles.

The debris at the Pond #3 areas and the area above Pond #4 consisted of scrap metals, tires, and household garbage. The Pond #4 Area was the main focus of this IRA with the removal of the existing drums and other debris that had been deposited on the bank of Pond #4.

Additionally, an empty steel storage tank (previous use unknown) was removed from the tree-line west of Pond #3.

Scale tickets from the disposal facility documenting disposal of the materials removed from the site during the IRA are included in Appendix C. The material quantities removed from the site are summarized as follows:

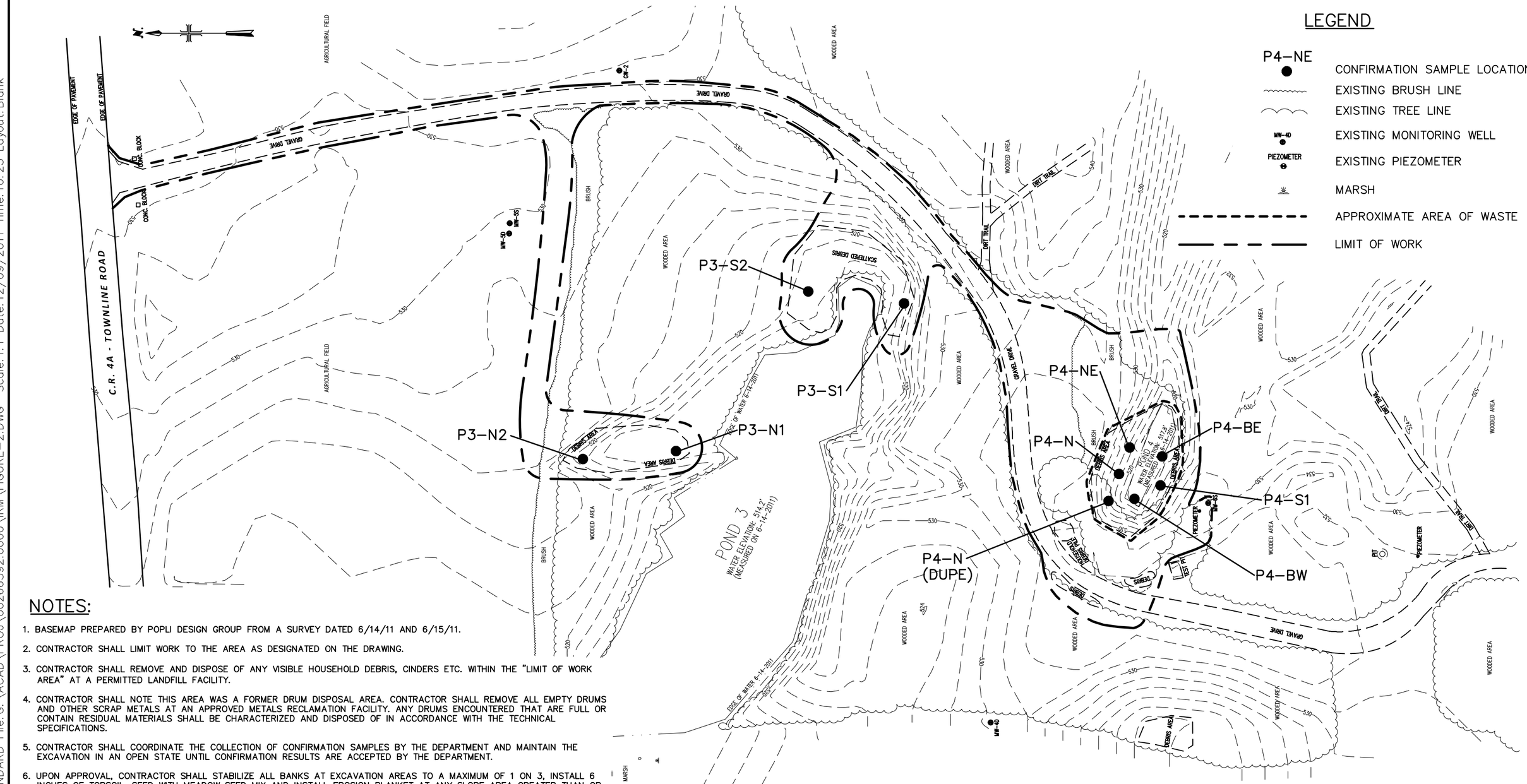
- Whole Tires – 15.26 tons
- Scrap Metals (empty drums, cars, storage tank and misc. metals) – 8.8 tons
- Municipal Solid Waste – 11.47 tons

All drums encountered, as well as the storage tank, were visually inspected, screened with a photoionization detector (PID), and verified empty of product prior to disposal. No drums were encountered that showed evidence of product remaining in the drum, storage tank or readings on the PID indicative of residual product.

Upon removal of all debris, the area was visually inspected for stained soils any stained soils were removed with the solid waste. The PID was then used to verify that no measurable residuals remained. Confirmation soil samples were collected at the various debris removal areas as shown on Figure 2.

The soil samples were sent to Test America for analysis of volatile organic compounds (VOCs), the principle contaminants of concern for the site, under a NYSDEC Standby laboratory contract. The results of the analytical analyses are contained in Appendix D. Table 1 summarizes the results of the confirmation soil samples. As shown in Table 1, none of the compounds were detected at concentrations exceeding NYS Part 375 Unrestricted Soil Cleanup Objectives (SCOs).

Based on the results of the confirmation samples, Nature's Way was directed to conduct the site restoration.



NOTES:

1. BASEMAP PREPARED BY POPLI DESIGN GROUP FROM A SURVEY DATED 6/14/11 AND 6/15/11.
2. CONTRACTOR SHALL LIMIT WORK TO THE AREA AS DESIGNATED ON THE DRAWING.
3. CONTRACTOR SHALL REMOVE AND DISPOSE OF ANY VISIBLE HOUSEHOLD DEBRIS, CINDERS ETC. WITHIN THE "LIMIT OF WORK AREA" AT A PERMITTED LANDFILL FACILITY.
4. CONTRACTOR SHALL NOTE THIS AREA WAS A FORMER DRUM DISPOSAL AREA. CONTRACTOR SHALL REMOVE ALL EMPTY DRUMS AND OTHER SCRAP METALS AT AN APPROVED METALS RECLAMATION FACILITY. ANY DRUMS ENCOUNTERED THAT ARE FULL OR CONTAIN RESIDUAL MATERIALS SHALL BE CHARACTERIZED AND DISPOSED OF IN ACCORDANCE WITH THE TECHNICAL SPECIFICATIONS.
5. CONTRACTOR SHALL COORDINATE THE COLLECTION OF CONFIRMATION SAMPLES BY THE DEPARTMENT AND MAINTAIN THE EXCAVATION IN AN OPEN STATE UNTIL CONFIRMATION RESULTS ARE ACCEPTED BY THE DEPARTMENT.
6. UPON APPROVAL, CONTRACTOR SHALL STABILIZE ALL BANKS AT EXCAVATION AREAS TO A MAXIMUM OF 1 ON 3, INSTALL 6 INCHES OF TOPSOIL, SEED WITH MEADOW SEED MIX AND INSTALL EROSION BLANKET AT ANY SLOPE AREA GREATER THAN OR EQUAL TO 1 ON 4.
7. CONTRACTOR SHALL COLLECT AND TREAT ANY GROUNDWATER ENCOUNTERED DURING EXCAVATION AND DEWATERING ACTIVITIES. TREATMENT SHALL INCLUDE SEDIMENT FILTRATION FOLLOWED BY GRANULAR ACTIVATED CARBON. EFFLUENT FROM TREATMENT SYSTEM SHALL MEET NYS SURFACE WATER STANDARDS.
8. CONTRACTOR SHALL SAFEGUARD MONITORING WELL AND PIEZOMETER AND REPLACE IN KIND IF DAMAGED AT NO ADDITIONAL COST TO THE OWNER.
9. CONTRACTOR SHALL INSTALL ACCESS AS NECESSARY TO REMOVE DEBRIS FROM AREA. UPON COMPLETION OF WORK, RESTORE FIELD IN–KIND.

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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMETNAL REMEDIATION
TOWN LINE ROAD DUMP SITE
REMEDIAL ACTION WORK PLAN

DRUM AND DEBRIS AREAS
CONFIRMATION SOIL SAMPLE LOCATIONS
SCALE: 1"=60'

DECEMBER 2011
FIGURE 2

Table 1
Summary of VOC Results in Soil Samples

Sample ID Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Soil Cleanup Objective mg/kg	6 NYCRR Part 375 Residential Soil Cleanup Objective mg/kg	P4-S1 11/10/2011 Soil mg/kg	P4-BE 11/10/2011 Soil mg/kg	P4-BW 11/10/2011 Soil mg/kg	P4-NW 11/10/2011 Soil mg/kg	Dup of P4-NW 11/10/2011 Soil mg/kg	P4-NE 11/10/2011 Soil mg/kg	P4-N 11/10/2011 Soil mg/kg	P3-S2 11/10/2011 Soil mg/kg	P3-S1 11/10/2011 Soil mg/kg	P3-N1 11/10/2011 Soil mg/kg	P3-N2 11/10/2011 Soil mg/kg	Trip Blank 11/10/2011 Water mg/L
Volatile Organic Compounds (VOCs)														
1,1,1-Trichloroethane	0.68	100	0.006 U	0.0063 U	0.0063 U	0.0065 U	0.0063 U	0.0150 U	0.0069 U	0.0068 U	0.0062 U	0.0059 U	0.0059 U	0.0050 UH
1,1,2,2-Tetrachloroethane			0.006 U	0.0063 U	0.0063 U	0.0065 U	0.0063 U	0.0150 U	0.0069 U	0.0068 U	0.0062 U	0.0059 U	0.0059 U	0.0050 UH
1,1,2-Trichloro-1,2,2-trifluoroethane			0.006 U	0.0063 U	0.0063 U	0.0065 U	0.0063 U	0.0150 U	0.0069 U	0.0068 U	0.0062 U	0.0059 U	0.0059 U	0.0050 UH
1,1,2-Trichloroethane			0.006 U	0.0063 U	0.0063 U	0.0065 U	0.0063 U	0.0150 U	0.0069 U	0.0068 U	0.0062 U	0.0059 U	0.0059 U	0.0050 UH
1,1-Dichloroethane	0.27	19	0.006 U	0.0063 U	0.0063 U	0.0065 U	0.0063 U	0.0150 U	0.0069 U	0.0068 U	0.0062 U	0.0059 U	0.0059 U	0.0050 UH
1,1-Dichloroethene	0.33	100	0.006 U	0.0063 U	0.0063 U	0.0065 U	0.0063 U	0.0150 U	0.0069 U	0.0068 U	0.0062 U	0.0059 U	0.0059 U	0.0050 UH
1,2,4-Trichlorobenzene			0.006 U	0.0063 U	0.0063 U	0.0065 U	0.0063 U	0.0150 U	0.0069 U	0.0068 U	0.0062 U	0.0059 U	0.0059 U	0.0050 UH
1,2-Dibromo-3-Chloropropane			0.012 U	0.0130 U	0.0130 U	0.0130 U	0.0130 U	0.0300 U	0.0140 U	0.0140 U	0.0120 U	0.0120 U	0.0120 U	0.0050 UH
1,2-Dibromoethane			0.006 U	0.0063 U	0.0063 U	0.0065 U	0.0063 U	0.0150 U	0.0069 U	0.0068 U	0.0062 U	0.0059 U	0.0059 U	0.0050 UH
1,2-Dichlorobenzene	1.1	100	0.006 U	0.0063 U	0.0063 U	0.0065 U	0.0063 U	0.0150 U	0.0069 U	0.0068 U	0.0062 U	0.0059 U	0.0059 U	0.0050 UH
1,2-Dichloroethane	0.02	2.3	0.006 U	0.0063 U	0.0063 U	0.0065 U	0.0063 U	0.0150 U	0.0069 U	0.0068 U	0.0062 U	0.0059 U	0.0059 U	0.0050 UH
1,2-Dichloropropane			0.006 U	0.0063 U	0.0063 U	0.0065 U	0.0063 U	0.0150 U	0.0069 U	0.0068 U	0.0062 U	0.0059 U	0.0059 U	0.0050 UH
1,3-Dichlorobenzene	2.4	17	0.006 U	0.0063 U	0.0063 U	0.0065 U	0.0063 U	0.0150 U	0.0069 U	0.0068 U	0.0062 U	0.0059 U	0.0059 U	0.0050 UH
1,4-Dichlorobenzene	1.8	9.8	0.006 U	0.0063 U	0.0063 U	0.0065 U	0.0063 U	0.0150 U	0.0069 U	0.0068 U	0.0062 U	0.0059 U	0.0059 U	0.0050 UH
2-Hexanone			0.012 U	0.0130 U	0.0130 U	0.0130 U	0.0130 U	0.0300 U	0.0140 U	0.0140 U	0.0120 U	0.0120 U	0.0120 U	0.0100 UH
Acetone	0.05	100	0.0049 J	0.0086 J	0.0250 J	0.0043 J	0.0250 U	0.0600 U	0.0054 J	0.0047 J	0.0029 J	0.0230 U	0.0043 J	0.0100 UH
Benzene	0.06	2.9	0.006 U	0.0063 U	0.0063 U	0.0065 U	0.0063 U	0.0150 U	0.0069 U	0.0068 U	0.0062 U	0.0059 U	0.0059 U	0.0050 UH
Bromodichloromethane			0.006 U	0.0063 U	0.0063 U	0.0065 U	0.0063 U	0.0150 U	0.0069 U	0.0068 U	0.0062 U	0.0059 U	0.0059 U	0.0050 UH
Bromoform			0.006 U	0.0063 U	0.0063 U	0.0065 U	0.0063 U	0.0150 U	0.0069 U	0.0068 U	0.0062 U	0.0059 U	0.0059 U	0.0050 UH
Bromomethane			0.006 U*	0.0063 U*	0.0063 U*	0.0065 U*	0.0063 U*	0.0150 U	0.0069 U*	0.0068 U*	0.0062 U*	0.0059 U*	0.0059 U*	0.0050 UH
Carbon disulfide			0.006 U	0.0063 U	0.0063 U	0.0065 U	0.0063 U	0.0150 U	0.0069 U	0.0068 U	0.0062 U	0.0059 U	0.0059 U	0.0050 UH
Carbon tetrachloride	0.76	1.4	0.006 U	0.0063 U	0.0063 U	0.0065 U	0.0063 U	0.0150 U	0.0069 U	0.0068 U	0.0062 U	0.0059 U	0.0059 U	0.0050 UH
Chlorobenzene	1.1	100	0.006 U	0.0063 U	0.0063 U	0.0065 U	0.0063 U	0.0150 U	0.0069 U	0.0068 U	0.0062 U	0.0059 U	0.0059 U	0.0050 UH
Chloroethane			0.006 U*	0.0063 U*	0.0063 U*	0.0065 U*	0.0063 U*	0.0150 U	0.0069 U*	0.0068 U*	0.0062 U*	0.0059 U*	0.0059 U*	0.0050 UH
Chloroform	0.37	10	0.006 U	0.0063 U	0.0063 U	0.0065 U	0.0063 U	0.0150 U	0.0069 U	0.0068 U	0.0062 U	0.0059 U	0.0059 U	0.0050 UH
Chloromethane			0.006 U	0.0063 U	0.0063 U	0.0065 U	0.0063 U	0.0150 U	0.0069 U	0.0068 U	0.0062 U	0.0059 U	0.0059 U	0.0050 UH
cis-1,2-Dichloroethene	0.25	59	0.006 U	0.0063 U	0.0080	0.0065 U	0.0063 U	0.0063 JB	0.0069 U	0.0068 U	0.0062 U	0.0059 U	0.0059 U	0.0050 UH
cis-1,3-Dichloropropene			0.006 U	0.0063 U	0.0063 U	0.0065 U	0.0063 U	0.0150 U	0.0069 U	0.0068 U	0.0062 U	0.0059 U	0.0059 U	0.0050 UH
Cyclohexane			0.006 U	0.0063 U	0.0063 U	0.0065 U	0.0063 U	0.0150 U*	0.0069 U	0.0068 U	0.0062 U	0.0059 U	0.0059 U	0.0050 UH
Dibromochloromethane			0.006 U	0.0063 U	0.0063 U	0.0065 U	0.0063 U	0.0150 U	0.0069 U	0.0068 U	0.0062 U	0.0059 U	0.0059 U	0.0050 UH
Dichlorodifluoromethane			0.006 U	0.0063 U	0.0063 U	0.0065 U	0.0063 U	0.0150 U	0.0069 U	0.0068 U	0.0062 U	0.0059 U	0.0059 U	0.0050 UH
Ethylbenzene	1	30	0.006 U	0.0063 U	0.0063 U	0.0065 U	0.0063 U	0.0150 U	0.0069 U	0.0068 U	0.0062 U	0.0059 U	0.0059 U	0.0050 UH
Isopropylbenzene			0.006 U	0.0063 U	0.0063 U	0.0065 U	0.0063 U	0.0150 U	0.0069 U	0.0068 U	0.0062 U	0.0059 U	0.0059 U	0.0050 UH
Methyl acetate			0.006 U	0.0063 U	0.0063 U	0.0065 U	0.0063 U	0.0150 U	0.0069 U	0.0068 U	0.0062 U	0.0059 U	0.0059 U	0.0050 UH
Methyl Ethyl Ketone	0.12	100	0.012 U	0.0130 U	0.0130 U	0.0130 U	0.0130 U	0.0300 U	0.0140 U	0.0140 U	0.0120 U	0.0120 U	0.0120 U	0.0100 UH
methyl isobutyl ketone			0.006 U	0.0063 U	0.0063 U	0.0065 U	0.0063 U	0.0150 U	0.0069 U	0.0068 U	0.0062 U	0.0059 U	0.0059 U	0.0100 UH
Methyl tert-butyl ether	0.93	62	0.006 U	0.0063 U	0.0063 U	0.0065 U	0.0063 U	0.0150 U*	0.0069 U	0.0068 U	0.0062 U	0.0059 U	0.0059 U	0.0050 UH
Methylcyclohexane			0.006 U	0.0063 U	0.0063 U	0.0065 U	0.0063 U	0.0150 U	0.0069 U	0.0068 U	0.0062 U	0.0059 U	0.0059 U	0.0050 UH
Methylene Chloride	0.05	51	0.0062 JB	0.0078 JB	0.0068 JB	0.0068 JB	0.0069 JB	0.0440 JB	0.0077 JB	0.0079 JB	0.0064 JB	0.0060 JB	0.0068 JB	0.0050 UH
Styrene			0.006 U	0.0063 U	0.0063 U	0.0065 U	0.0063 U	0.0150 U	0.0069 U	0.0068 U	0.0062 U	0.0059 U	0.0059 U	0.0050 UH
Tetrachloroethene	1.3	5.5	0.006 U	0.0063 U	0.0063 U	0.0065 U	0.0063 U	0.0071 JB	0.0069 U	0.0068 U	0.0062 U	0.0059 U	0.0059 U	0.0050 UH
Toluene	0.7	100	0.006 U	0.0063 U	0.0063 U	0.0065 U	0.0063 U	0.0015 JB	0.0069 U	0.0068 U	0.0002 J	0.0059 U	0.0059 U	0.0050 UH
trans-1,2-Dichloroethene	0.19	100	0.006 U	0.0063 U	0.0063 U	0.0065 U	0.0063 U	0.0150 U	0.0069 U	0.0068 U	0.0062 U	0.0059 U	0.0059 U	0.0050 UH
trans-1,3-Dichloropropene			0.006 U	0.0063 U	0.0063 U	0.0065 U	0.0063 U	0.0150 U	0.0069 U	0.0068 U	0.0062 U	0.0059 U	0.0059 U	0.0050 UH
Trichloroethene	0.47	10	0.0056 J	0.0042 J	0.0510	0.0025 J	0.0079	0.2800 D	0.0042 J	0.0170	0.0062 U	0.0059 U	0.0059 U	0.0050 UH
Trichlorofluoromethane			0.006 U	0.0063 U	0.0063 U	0.0065 U	0.0063 U	0.0150 U	0.0069 U	0.0068 U	0.0062 U	0.0059 U	0.0059 U	0.0050 UH
Vinyl chloride	0.02	0.21	0.006 U	0.0063 U	0.0063 U	0.0065 U	0.0063 U	0.0150 U	0.0069 U	0.0068 U	0.0062 U	0.0059 U	0.0059 U	0.0050 UH
Xylenes, Total	0.26	100	0.006 U	0.0063 U	0.0063 U	0.0065 U	0.0063 U	0.0150 U	0.0069 U	0.0068 U	0.0062 U	0.0059 U	0.0059 U	0.0050 UH

Notes:
U - Compound not detected; laboratory reporting limit provided.
J - Estimated value.
D - Dilution.
B - The analyte was found in the associated blank, as well as in the sample.
* - Surrogate exceeds the control

3.2. Site Restoration

The areas of debris removal were re-graded to provide a uniform surface for the placement of seed and mulch. Since the debris was removed with minimal disturbance to the vegetative layer, the areas could be graded, seeded and mulched without the import of additional topsoil.

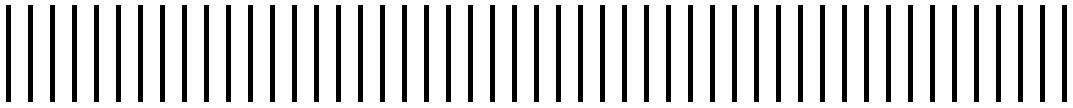
At the Pond #4 drum removal area, the slope after the drum removal was not changed from the existing slope since the drums were generally placed as a layer on the slope and at the toe of the slope that formed the pond bottom. As a result, there was no need to provide additional fill materials to stabilize the slope. The slope was seeded and mulched in similar fashion to the other debris removal areas.

A farm gate was added to the north end of the wooded area in hopes of limiting access to the wooded areas to discourage continued dumping of household debris. In similar fashion, a wire fence line was installed at the southern limit of the wooded area at the access roadway to limit access.

The site restoration was completed on November 17, 2011, and Nature's Way de-mobilized from the site on November 17, 2011.

New York State Department of Environmental Conservation
Interim Remedial Action Summary Report – Town Line Road Dump

Appendix A: Inspection Reports



ARCADIS MALCOLM PIRNIE
Infrastructure Water Environment Buildings

DAILY OBSERVATION REPORT

Day: Monday Date: 11/7/11

NYSDEC

Division of Environmental Remediation
Town Line Road Dump Site
NYSDEC Site No. 706007
Town of Springport
Cayuga County, New York

Temperature: (F) 40-45° (am) 55-60° (pm)

Wind Direction: ESE 5-10 (am) ESE 5-10 (pm)

Weather: (am) Cloudy/overcast
(pm) Cloudy/overcast

Arrive at site 1230 (pm)

Leave site: 1630 (pm)

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan? Yes ( ) No (X)
(If yes, list the deviation under items for concern)

Are monitoring results at acceptable levels?

Soil	Yes (X)	n/a ( )	* No ( )
Waters	Yes ( )	n/a (X)	* No ( )
Air	Yes (X)	n/a ( )	* No ( )

PID air and soil/debris monitoring (TSI) DustTrak - monitoring down-wind of activity and @ site perimeter.

• *If No, provide comments*

OTHER ITEMS:

Site Sketch Attached: Yes ( ) No (X)
Photos Taken: Yes (X) No ( )

DESCRIPTION OF DAILY WORK PERFORMED:

- Mobilize equip/supplies to site; meet w/ Nature's Way project manager & discuss reduced silt-fencing, general plan for various areas to be excavated/debris removed, what exactly is to be removed; H&S Plan review/tailgate H&S items (sharp metal, broken glass, rough terrain, heavy equipment, bio-hazards)

PROJECT TOTALS:

None

- Install erosion control/silt fencing
- Delivery/staging of roll-off (30 yd³) containers for tires, scrap metal

SAMPLING (Soil/Water/Air)

Contractor Sample ID:	DEC Sample ID:	Description:
		- Begin removal scrap tires in Pond 3 Area; grading/debris removal/construct earth ramp to access bottom of Pond 4 Area.

DAILY OBSERVATION REPORT

Day: Monday **Date:** 11/7/11

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

(Name of contractor) personnel: ARCADIS: Kelley Roe

(Name of Subcontractor) personnel: Nature's Way: Jerry Jones (PM), Bill Snell (oper.), Nate Grigrich, Ryan Glass (laborers/oper.)

(Name of contractor) equipment:

*(*Indicates active equipment)* * excavator/trackhoe

Other Subcontractors: *skid steer

* dozer

VISITORS TO SITE: * service trucks

1. none

PROJECT SCHEDULE ISSUES:

None

PROJECT BUDGET ISSUES:

None

ITEMS OF CONCERN:

- Identify criteria for excavation depth into soil when debris removed;
- Modify extent of erosion control due to conditions much drier than when project scoped (less total footage of silt fence per NYSDEC PM);
- Identify total number of confirmation soil samples required, and QA/QC sample requirements.

COMMENTS:

ATTACHMENT(S) TO THIS REPORT:

Field notes.

SITE REPRESENTATIVE:

Name: (*signature*) Kelley Roe

cc:

DAILY PHOTOLOG

Photos #079-098 in project folder PHOTOS.

DAILY OBSERVATION REPORT

Day: Tuesday Date: 11/8/11

NYSDEC

Division of Environmental Remediation
Town Line Road Dump Site
NYSDEC Site No. 706007
Town of Springport
Cayuga County, New York

Temperature: (F) 50°F (am) 60°F (pm)
Wind Direction: Calm (am) Calm (pm)

Weather: (am) partly cloudy
(pm) partly cloudy
Arrive at site 0745 (am)
Leave site: 1600 (pm)

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan? Yes ( ) No (X)
(If yes, list the deviation under items for concern)

Are monitoring results at acceptable levels?

Soil	Yes (X)	n/a (X)	* No ( )
Waters	Yes ( )	n/a (X)	* No ( )
Air	Yes ( )	n/a (X)	* No ( )

* *If No, provide comments*

PID air monitoring & screen soil, TSI DustTrak monitor @ perimeter & downwind of work Z → both calibrated and showed no readings above background (BG).

OTHER ITEMS:

Site Sketch Attached: Yes (X) No ( ) Field Notes.
Photos Taken: Yes (X) No ( ) See p. 2

DESCRIPTION OF DAILY WORK PERFORMED:

- Load scrap-tires into roll-off & scrap metal into separate roll-off.
- Transport 2 - 30yd³ roll-offs full scrap tires OFF-SITE for disposal, stage 3rd roll-off for additional scrap tires.
- 2 loads (~ 10yd³) stone delivered and graded @ road access to site.
- Excavate debris & crushed drums to create access ramp to bottom of Pond 4 area.

Porta-John delivered to site.

PROJECT TOTALS: None

SAMPLING (Soil/Water/Air)

Contractor Sample ID:	DEC Sample ID:	Description:

DAILY OBSERVATION REPORT

Day: Tuesday **Date:** 11/8/11

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE: ARCADIS: Kelley Roe

(Name of contractor) personnel: Nature's Way: Bill Snell (operator), Nate Gingrich, Ryan Glass (operators/laborers)

(Name of Subcontractor) personnel:

(Name of contractor) equipment: trackhoe/excavator*, dozer*, skid steer*,

(*Indicates active equipment)

Other Subcontractors:

VISITORS TO SITE:

1. Joe Bacon Sr. & Joe Bacon Jr. – property owners

PROJECT SCHEDULE ISSUES:

None

PROJECT BUDGET ISSUES:

None

ITEMS OF CONCERN:

– Order lab bottles for potential drum content-sampling if encountered.

COMMENTS:

None

ATTACHMENT(S) TO THIS REPORT:

~~None~~ Field notes.

SITE REPRESENTATIVE:

Name: (*signature*) Kelley Roe, ARCADIS

cc:

DAILY PHOTOLOG

Photos # 099 – 118 in project folder PHOTOS

DAILY OBSERVATION REPORT

Day: Wednesday **Date:** 11/9/11

NYSDEC

Division of Environmental Remediation
Town Line Road Dump Site
NYSDEC Site No. 706007
Town of Springport
Cayuga County, New York

Temperature: (F) 50°F (am) 75°F (pm)

Wind Direction: 3-8 SSW (am) 3-8 SSW (pm)

Weather: (am) Sun, clear
(pm) Sun, clear

Arrive at site 0800 (am)

Leave site: 1700 (pm)

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan? Yes ( ) No (X)
(If yes, list the deviation under items for concern)

Are monitoring results at acceptable levels?

PID & DustTrack = all BG

Soil	Yes (X)	n/a ( )	* No ( )
Waters	Yes ( )	n/a (X)	* No ( )
Air	Yes (X)	n/a ( )	* No ( )

- *If No, provide comments*

OTHER ITEMS:

Site Sketch Attached: Yes (X) No ( ) Field notes
Photos Taken: Yes (X) No ( ) See p. 2

DESCRIPTION OF DAILY WORK PERFORMED:

Continue excavation & debris/drum removals; screen drum partially intact w/ ½ full liquid — no PID readings. Coordinate w/ TestAmerica labs for bottle prep (soil "exit" samples & waste characterization). K-Roe discuss progress w/ PM; discuss sampling plan per PMs & DEC; remove tank (to roll-off); continue to excavate/remove debris.

PROJECT TOTALS:

None

SAMPLING (Soil/Water/Air)

Contractor Sample ID:	DEC Sample ID:	Description:

DAILY OBSERVATION REPORT

Day: Wednesday Date: 11/9/11

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

(Name of contractor) personnel: ARCADIS : Kelley Roe

(Name of Subcontractor) personnel: Natures Way : Tony Kaminski (oper.), Ryan Glass & Nate Grigrich (labor/oper's)

(Name of contractor) equipment: excavator *

(*Indicates active equipment) skid steer *

Other Subcontractors: dozer

VISITORS TO SITE:

1. None

PROJECT SCHEDULE ISSUES:

None – ahead of schedule anticipated.

PROJECT BUDGET ISSUES:

None

ITEMS OF CONCERN:

→ H&S @ top/north edge of Pond 4 – large dead cottonwood tree shows stress cracks & leans over Pond 4 area → heads-up safety awareness & no work in hole below tree for personnel.

COMMENTS:

None

ATTACHMENT(S) TO THIS REPORT:

~~None~~ Field notes.

SITE REPRESENTATIVE:

Name: (*signature*) Kelley Roe/Kelley Roe

cc:

DAILY PHOTOLOG

Photos #119 – 190 in project folder PHOTOS

DAILY OBSERVATION REPORT

Day: Thursday Date: 11/10/11

NYSDEC

Temperature: (F) 50°F (am) 45°F (pm)

Wind Direction: 5-15 kt NW (am) 5-15+ kt NW (pm)

Division of Environmental Remediation
Town Line Road Dump Site
NYSDEC Site No. 706007
Town of Springport
Cayuga County, New York

Weather: (am) mostly clouded
(pm) occas. showers

Arrive at site 0807 (am)

Leave site: 1430 (pm)

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan? Yes ( ) No (X)
(If yes, list the deviation under items for concern)

Are monitoring results at acceptable levels?

	Soil	Yes (X)	n/a ( )	* No ( )
PID screening and Dust Trak monitoring all at a below BG.	Waters	Yes ( )	n/a (X)	* No ( )
	Air	Yes (X)	n/a ( )	* No ( )

• *If No, provide comments*

OTHER ITEMS:

Site Sketch Attached: Yes (X) No ( ) Field notes & Site Plan w/ Soil Sample locations. PDF
Photos Taken: Yes (X) No ( ) See p. 2

DESCRIPTION OF DAILY WORK PERFORMED:

Continue/complete excavation/removal of debris (tires, scrap metal & household garbage);
Collect soil confirmation samples from areas cleaned of debris (see attached site plan & field notes for detail & locations/IDs)
Load equip. for de-mobe from site (excavator & skid steer), dozer to be used for site restoration activities.

PROJECT TOTALS:

See below

SAMPLING (Soil/Water/Air)

Contractor Sample ID:	DEC Sample ID:	Description:
P4-S1		Pond 4 Area, south wall
P4-BE		Pond 4 Area, bottom, east side/portion
P4-BW		Pond 4 Area, bottom, west side/portion
P4-NW (& DUPE)		Pond 4 Area, north wall west side/portion
P4-NE		Pond 4 Area, north wall east side/portion
P4-N		Pond 4 Area, north wall center, below ramp
P3-S2		Pond 3 Area, ~~SW~~ northern lobe of SE debris area.

CONTINUED ON P. 2 of 2

DAILY OBSERVATION REPORT

Day: Thursday **Date:** 11/10/11

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

(Name of contractor) personnel: ARCADIS: Kelley Roe

(Name of Subcontractor) personnel: Nature's Way: Tony Kaminski, Nate Gingrich

(Name of contractor) equipment: excavator*, skid steer*, dozer*

(*Indicates active equipment)

Other Subcontractors:

VISITORS TO SITE:

1. None

SAMPLING CONTINUED

PROJECT SCHEDULE ISSUES:

None – excavation/removal Completed 11/10/11

PROJECT BUDGET ISSUES:

None

ITEMS OF CONCERN:

Possible sheen on Pond 3 low water → further investigation indicates biological sheen; no PID readings above BG.

P3-S1	Pond 3 Area, southern lobe of SE debris area.
P3-N1	Pond 3 Area, southern portion of northern debris area.
P3-N2	Pond 3 Area, northern portion of northern debris area.

COMMENTS:

Water sample collected from Pond 3 but not analyzed.

ATTACHMENT(S) TO THIS REPORT:

Field notes & site plan of sample locations; sample chain of custody, Summary email to PM.

SITE REPRESENTATIVE:

Name: (*signature*) Kelley Roe

cc:

DAILY PHOTOLOG

Photos # 194 – 278 in project folder PHOTOS

New York State Department of Environmental Conservation
Interim Remedial Action Summary Report – Town Line Road Dump

Appendix B: Photo Log

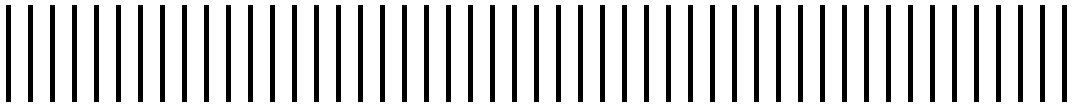


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Photo 1. North Area at Pond #3 – Start of Debris Removal

Photo 2. Debris Pile west of Pond #4

Photo 3. Debris above Pond #4 Area – Existing Debris

Photo 4. East Area at Pond #3 – Existing Debris

Photo 5. Pond #4 Ravine Area Debris

Photo 6. Tires being Stockpiled at North Area of Pond #3

Photo 7. Storage Tank – Removed

Photo 8. Pond #4 – Removing Debris

Photo 9. Pond #4 Access Ramp

Photo 10. Storage Tank Being Transported to Roll-off for Disposal

Photo 11. North Area of Pond #3 After Debris Removal

Photo 12. East Area of Pond #3 After Debris Removal

Photo 13. Additional Debris Encountered at North Area of Pond #3 and Removed

Photo 14. Post Debris Removal – East Area of Pond #3

Photo 15. Gate at Access Road – Soil Berm Removed to Bypass the Gate

Photo 16. Mulch at Pond #3 North Area

Photo 17. Mulch at Top of Pond #4

Photo 18. Pond #3 East Area Mulched

Photo 19. Fence Installed to Limit Access

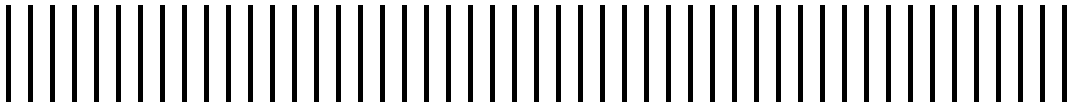
Photo 20. Pond #3 East Area Mulched

Photo 21. Debris Pile Area – Hay and Lumber Remained

Photo 22. Pond #4 Area - Mulched

New York State Department of Environmental Conservation
Interim Remedial Action Summary Report – Town Line Road Dump

Appendix C:
Disposal Facility Scale Tickets



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0266392 / ALB

Empire Seneca Inc
1606 Rt 414
Waterloo, NY 13165

NATURES WAY

Rcv: 248085
Date: 11/15/11
Ctl: 248085

Description	Net	Price/UM	Amount
Clean Tin			
	17600	225.00 NT	
Totals	17600		

8.8 Tons
- metal
- Drums
- cars.

Rolloff Service
Scrap #
Springport 11-211

Rolloff

Seneca Meadows, Inc.
1786 Salemen Rd.
Waterloo, NY 13165
Ph: (315) 539-5624 Fax: (315) 539-3097

Ticket: 2112439
Date: 11/09/2011
Time: 10:34:19 - 11:00:37

Customer: 15WCT / WE CARE TRANSPORT
Carrier: 7029 / WECARE TRANSPORTAT
Profile: WHTCAY-15WCT / 15WCT-WHTCAY-WH
Cust Ref: 306641
Origin: 21 / CAYUGA
Truck: WCR403
Comment:

Gross: 45740LBS
Tare: 32040LBS
Net: 13700LBS

Wastes & Services	Quantity
021TRE / TIRES IN WHOLE	6.8500 Tons

Weighmaster: MORGAN 000822
Drivers:

6.85 Tons
TIRES

Rolloff

Seneca Meadows, Inc.
1786 Salmon Rd.
Waterloo, NY 13165
Ph: (315) 539-5684 Fax: (315) 539-3097

Ticket: 2112537
Date: 11/04/2011
Time: 12:50:17 - 13:11:03

Customer: 15WCT / WE CARE TRANSPORT
Carrier: 7M20 / WECARE TRANSPORTAT
Profile: WHTCAY-15WCT / 15WCT-WHTCAY-WH
Cust Ref: 381301
Origin: 21 / CAYUGA
Truck: WCT403
Comments:

Gross: 40600LBS
Tare: 32020LBS
Net: 8580LBS

Wastes & Services	Quantity
6ZTIRF / TIRES IN WHOLE	4.2900 Tons

Weighmaster: RUSS 450014

Driver:

TIRES

4.29 Tons

Rolloff

Seneca Meadows, Inc.
1786 Salcman Rd.
Waterloo, NY 13165
Ph: (315) 539-5624 Fax: (315) 539-3097

Ticket: 213950
Date: 11/11/2011
Time: 11:28:41 - 11:46:00

Customer: 15WCT / WE CARE TRANSPORT
Carrier: 7020 / WECARE TRANSPORTAT
Profile: WHTCAY-15WCT / 15WCT-WHTCAY-WH
Cust Ref: 386701

Origin: 21 / CAYUGA
Truck: WCR403
Comment:

Gross: 39400LBS
Tare: 32100LBS
Net: 7300LBS

Wastes & Services	Quantity
MZTIRE / TIRES IN WHOLE	3.6900 Tons

Weighmaster: MORGAM 600822

Drivers:

TIRES
3.69 Tons

Rollloft

Seneca Meadows, Inc.
1786 Salemon Rd.
Waterloo, NY 13165
Ph: (315) 539-5624 Fax: (315) 539-3007

Ticket: 2114075
Date: 11/11/2011
Time: 14:07:40 - 14:30:41

Customer: 15WCT / WE CARE TRANSPORT
Carrier: 7020 / WECARE TRANSPORTAT
Profile: SW-WCR-15WCT / 15WCT SW-WE CAR
Cust Ref: 304911
Origin: 21 / CAYUGA
Truck: WER403
Comment:

Gross: 54700LBS
Tare: 31760LBS
Net: 22940LBS

Wastes & Services	Quantity
SW000 / SOLID WASTE	11.4700 Tons

Weighmaster: MORGAN 600822

Driver: _____

SOLID WASTE

11.47/Tons

EASCO BROKERAGE CORP.

Corfu, N.Y. 585-762-9080

Date 11-11-11

481268

11-11-11 1:39PM
11-11-11 1:59PM
LOOP ID 609
INBOUND 7060 lb

Customer's Name Natures Way

Address

Commodity

Remarks Charge for tires

7060 lb lbs. Gross
6200 lb lbs. Tare
860 lb lbs. Net ® 1.20NT Per Ton Price $ 51.60

Carrier

Driver On Off

Shipper

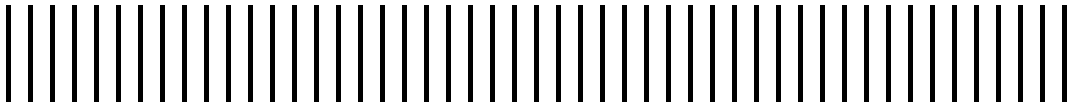
Weigher AE

Pd CK #39906

• 43 TON TIRES.

Institute of Scrap Recycling Industries, Inc.

Appendix D: Confirmation Samples Analytical Results



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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 220-16822-1

SDG Number:

Job Description: Site No: 706007 Townline Road

For:
New York State D.E.C.
625 Broadway 9th Floor
Albany, NY 12233-7258

Attention: George Momberger

Approved for release.
Cheryl Cascella
Project Manager I
11/16/2011 3:41 PM

Designee for
Larry Decker
Lab Director
larry.decker@testamericainc.com
11/16/2011

cc: Todd Minehardt
Kelley Roe
Andy Vitolins

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Connecticut Certifications and Approvals: CTDOH PH-047, MADEP CT023, RIDOH A43, NYDOH 10602, NJDEP CT410

TestAmerica Laboratories, Inc.
TestAmerica Connecticut 128 Long Hill Cross Road, Shelton, CT 06484
Tel (203) 929-8140 Fax (203) 929-8142 www.testamericainc.com

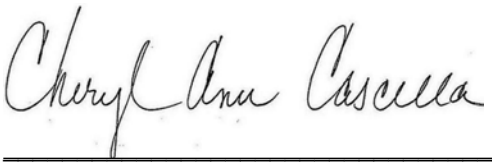
ACCREDITED IN ACCORDANCE WITH nelac

Job Number: 220-16822-1

SDG Number:

Job Description: Site No: 706007 Townline Road

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Approved for release.
Cheryl Cascella
Project Manager I
11/16/2011 3:41 PM

Designee for
Larry Decker

Table of Contents

Job Narrative
220-16822-1

Comments
No additional comments.

Receipt
A trip blank was submitted for analysis with these samples; however, it was not listed on the Chain of Custody (COC). No collection time was noted on the Trip Blank, however a date of 9/13/11 was noted. Also, the vial submitted has headspace.

The following samples P4-NE MS and P4-NE MSD were received on hold and were cancelled by the client on 11/14/11.

All other samples were received in good condition within temperature requirements.

GC/MS VOA
Method(s) 8260B: Surrogate recovery and internal standard response for the following sample was outside control limits: P4-NE (220-16822-5). A re-analysis at a 1:4 dilution of the sample confirmed surrogate and internal standard failures. Trichloroethane concentration was lower then expected in the 1:4 dilution due to the non-homogeneity of the sample. Both runs were reported.

No other analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
220-16822-1	**P4-S1**					
Acetone		4.9	J	24	ug/Kg	8260B
Methylene Chloride		6.2	J B	24	ug/Kg	8260B
Trichloroethene		5.6	J	6.0	ug/Kg	8260B
Percent Moisture		17.3		0.10	%	Moisture
Percent Solids		82.7		0.10	%	Moisture
220-16822-2	**P4-BE**					
Acetone		8.6	J	25	ug/Kg	8260B
Methylene Chloride		7.8	J B	25	ug/Kg	8260B
Trichloroethene		4.2	J	6.3	ug/Kg	8260B
Percent Moisture		20.2		0.10	%	Moisture
Percent Solids		79.8		0.10	%	Moisture
220-16822-3	**P4-BW**					
Methylene Chloride		6.8	J B	25	ug/Kg	8260B
cis-1,2-Dichloroethene		8.0		6.3	ug/Kg	8260B
Trichloroethene		51		6.3	ug/Kg	8260B
Percent Moisture		20.3		0.10	%	Moisture
Percent Solids		79.7		0.10	%	Moisture
220-16822-4	**P4-NW**					
Acetone		4.3	J	26	ug/Kg	8260B
Methylene Chloride		6.8	J B	26	ug/Kg	8260B
Trichloroethene		2.5	J	6.5	ug/Kg	8260B
Percent Moisture		23.0		0.10	%	Moisture
Percent Solids		77.0		0.10	%	Moisture
220-16822-5	**P4-NE**					
Methylene Chloride		44	J B	60	ug/Kg	8260B
cis-1,2-Dichloroethene		6.3	J	15	ug/Kg	8260B
Trichloroethene		780	E	15	ug/Kg	8260B
Toluene		1.5	J	15	ug/Kg	8260B
Tetrachloroethene		7.1	J	15	ug/Kg	8260B
Percent Moisture		33.5		0.10	%	Moisture
Percent Solids		66.5		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
220-16822-6	**P4-N**					
Acetone		5.4	J	28	ug/Kg	8260B
Methylene Chloride		7.7	J B	28	ug/Kg	8260B
Trichloroethene		4.2	J	6.9	ug/Kg	8260B
Percent Moisture		27.6		0.10	%	Moisture
Percent Solids		72.4		0.10	%	Moisture
220-16822-7	**P3-S2**					
Acetone		4.7	J	27	ug/Kg	8260B
Methylene Chloride		7.9	J B	27	ug/Kg	8260B
Trichloroethene		17		6.8	ug/Kg	8260B
Percent Moisture		26.1		0.10	%	Moisture
Percent Solids		73.9		0.10	%	Moisture
220-16822-8	**P3-S1**					
Acetone		2.9	J	25	ug/Kg	8260B
Methylene Chloride		6.4	J B	25	ug/Kg	8260B
Toluene		0.20	J	6.2	ug/Kg	8260B
Percent Moisture		18.8		0.10	%	Moisture
Percent Solids		81.2		0.10	%	Moisture
220-16822-9	**P3-N1**					
Methylene Chloride		6.0	J B	23	ug/Kg	8260B
Percent Moisture		14.6		0.10	%	Moisture
Percent Solids		85.4		0.10	%	Moisture
220-16822-10	**P3-N2**					
Acetone		4.3	J	24	ug/Kg	8260B
Methylene Chloride		6.8	J B	24	ug/Kg	8260B
Percent Moisture		15.6		0.10	%	Moisture
Percent Solids		84.4		0.10	%	Moisture
220-16822-11	**DUPE**					
Methylene Chloride		6.9	J B	25	ug/Kg	8260B
Trichloroethene		7.9		6.3	ug/Kg	8260B
Percent Moisture		20.1		0.10	%	Moisture
Percent Solids		79.9		0.10	%	Moisture

METHOD SUMMARY

Client: New York State D.E.C. Job Number: 220-16822-1

Description	Lab Location	Method	Preparation Method
Matrix Solid			
Volatile Organic Compounds (GC/MS)	TAL CT	SW846 8260B	
Purge and Trap	TAL CT		SW846 5030B
Percent Moisture	TAL CT	EPA Moisture	
Matrix Water			
Volatile Organic Compounds (GC/MS)	TAL CT	SW846 8260B	
Purge and Trap	TAL CT		SW846 5030B

Lab References:

TAL CT = TestAmerica Connecticut

Method References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

Method	Analyst	Analyst ID
SW846 8260B	Humbert, Dave	DH
SW846 8260B	Kostrzewska, Barbara	BK
EPA Moisture	Tillotson, Ray	RT

SAMPLE SUMMARY

Client: New York State D.E.C. Job Number: 220-16822-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-16822-1	P4-S1	Solid	11/10/2011 0855	11/12/2011 1315
220-16822-2	P4-BE	Solid	11/10/2011 0915	11/12/2011 1315
220-16822-3	P4-BW	Solid	11/10/2011 0920	11/12/2011 1315
220-16822-4	P4-NW	Solid	11/10/2011 0925	11/12/2011 1315
220-16822-5	P4-NE	Solid	11/10/2011 0930	11/12/2011 1315
220-16822-6	P4-N	Solid	11/10/2011 0940	11/12/2011 1315
220-16822-7	P3-S2	Solid	11/10/2011 1045	11/12/2011 1315
220-16822-8	P3-S1	Solid	11/10/2011 1105	11/12/2011 1315
220-16822-9	P3-N1	Solid	11/10/2011 1115	11/12/2011 1315
220-16822-10	P3-N2	Solid	11/10/2011 1125	11/12/2011 1315
220-16822-11	DUPE	Solid	11/10/2011 0800	11/12/2011 1315
220-16822-13TB	Trip Blank	Water	09/13/2011 1200	11/12/2011 1315

SAMPLE RESULTS

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

Client Sample ID: P4-S1

Lab Sample ID: 220-16822-1
Client Matrix: Solid

% Moisture: 17.3

Date Sampled: 11/10/2011 0855
Date Received: 11/12/2011 1315

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B
Prep Method: 5030B
Dilution: 1.0
Analysis Date: 11/14/2011 2012
Prep Date: 11/14/2011 2012

Analysis Batch: 220-55943
Prep Batch: N/A

Instrument ID: MSO
Lab File ID: O6149.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		6.0	U	0.42	6.0
Chloromethane		6.0	U	0.94	6.0
Vinyl chloride		6.0	U	0.28	6.0
Bromomethane		6.0	U *	2.5	6.0
Chloroethane		6.0	U *	1.2	6.0
Trichlorofluoromethane		6.0	U	0.18	6.0
1,1-Dichloroethene		6.0	U	0.70	6.0
1,1,2-Trichloro-1,2,2-trifluoroethane		6.0	U	0.95	6.0
Acetone		4.9	J	2.7	24
Carbon disulfide		6.0	U	0.50	6.0
Methyl acetate		6.0	U	0.53	6.0
Methylene Chloride		6.2	J B	1.3	24
trans-1,2-Dichloroethene		6.0	U	0.47	6.0
Methyl tert-butyl ether		6.0	U	0.25	6.0
1,1-Dichloroethane		6.0	U	0.36	6.0
cis-1,2-Dichloroethene		6.0	U	0.45	6.0
Methyl Ethyl Ketone		12	U	1.9	12
Chloroform		6.0	U	0.41	6.0
1,1,1-Trichloroethane		6.0	U	0.64	6.0
Cyclohexane		6.0	U	0.83	6.0
Carbon tetrachloride		6.0	U	1.1	6.0
Benzene		6.0	U	0.69	6.0
1,2-Dichloroethane		6.0	U	0.70	6.0
Trichloroethene		5.6	J	0.98	6.0
Methylcyclohexane		6.0	U	0.40	6.0
1,2-Dichloropropane		6.0	U	0.81	6.0
Bromodichloromethane		6.0	U	0.36	6.0
cis-1,3-Dichloropropene		6.0	U	0.68	6.0
methyl isobutyl ketone		6.0	U	0.66	6.0
Toluene		6.0	U	0.089	6.0
trans-1,3-Dichloropropene		6.0	U	0.33	6.0
1,1,2-Trichloroethane		6.0	U	0.45	6.0
Tetrachloroethene		6.0	U	0.98	6.0
2-Hexanone		12	U	1.5	12
Dibromochloromethane		6.0	U	0.42	6.0
1,2-Dibromoethane		6.0	U	0.92	6.0
Chlorobenzene		6.0	U	0.71	6.0
Ethylbenzene		6.0	U	0.85	6.0
Xylenes, Total		6.0	U	0.59	6.0
Styrene		6.0	U	0.18	6.0
Bromoform		6.0	U	0.74	6.0
Isopropylbenzene		6.0	U	0.23	6.0
1,1,2,2-Tetrachloroethane		6.0	U	0.63	6.0
1,3-Dichlorobenzene		6.0	U	0.25	6.0
1,4-Dichlorobenzene		6.0	U	0.81	6.0
1,2-Dichlorobenzene		6.0	U	0.29	6.0

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

Client Sample ID: P4-S1

Lab Sample ID: 220-16822-1
Client Matrix: Solid
% Moisture: 17.3

Date Sampled: 11/10/2011 0855
Date Received: 11/12/2011 1315

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-55943	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O6149.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	11/14/2011 2012			Final Weight/Volume:	5 mL
Prep Date:	11/14/2011 2012				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2-Dibromo-3-Chloropropane		12	U	5.5	12
1,2,4-Trichlorobenzene		6.0	U	0.91	6.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88		59 - 132
4-Bromofluorobenzene	64		34 - 124
Dibromofluoromethane	76		59 - 123
Toluene-d8 (Surr)	71		50 - 118

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

Client Sample ID: P4-BE

Lab Sample ID: 220-16822-2
Client Matrix: Solid
% Moisture: 20.2

Date Sampled: 11/10/2011 0915
Date Received: 11/12/2011 1315

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-55943	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O6150.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	11/14/2011 2037			Final Weight/Volume:	5 mL
Prep Date:	11/14/2011 2037				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		6.3	U	0.44	6.3
Chloromethane		6.3	U	0.98	6.3
Vinyl chloride		6.3	U	0.29	6.3
Bromomethane		6.3	U *	2.6	6.3
Chloroethane		6.3	U *	1.2	6.3
Trichlorofluoromethane		6.3	U	0.19	6.3
1,1-Dichloroethene		6.3	U	0.73	6.3
1,1,2-Trichloro-1,2,2-trifluoroethane		6.3	U	0.99	6.3
Acetone		8.6	J	2.8	25
Carbon disulfide		6.3	U	0.51	6.3
Methyl acetate		6.3	U	0.55	6.3
Methylene Chloride		7.8	J B	1.4	25
trans-1,2-Dichloroethene		6.3	U	0.49	6.3
Methyl tert-butyl ether		6.3	U	0.26	6.3
1,1-Dichloroethane		6.3	U	0.38	6.3
cis-1,2-Dichloroethene		6.3	U	0.46	6.3
Methyl Ethyl Ketone		13	U	2.0	13
Chloroform		6.3	U	0.43	6.3
1,1,1-Trichloroethane		6.3	U	0.66	6.3
Cyclohexane		6.3	U	0.86	6.3
Carbon tetrachloride		6.3	U	1.2	6.3
Benzene		6.3	U	0.71	6.3
1,2-Dichloroethane		6.3	U	0.73	6.3
Trichloroethene		4.2	J	1.0	6.3
Methylcyclohexane		6.3	U	0.41	6.3
1,2-Dichloropropane		6.3	U	0.84	6.3
Bromodichloromethane		6.3	U	0.38	6.3
cis-1,3-Dichloropropene		6.3	U	0.70	6.3
methyl isobutyl ketone		6.3	U	0.69	6.3
Toluene		6.3	U	0.093	6.3
trans-1,3-Dichloropropene		6.3	U	0.34	6.3
1,1,2-Trichloroethane		6.3	U	0.46	6.3
Tetrachloroethene		6.3	U	1.0	6.3
2-Hexanone		13	U	1.5	13
Dibromochloromethane		6.3	U	0.44	6.3
1,2-Dibromoethane		6.3	U	0.95	6.3
Chlorobenzene		6.3	U	0.74	6.3
Ethylbenzene		6.3	U	0.88	6.3
Xylenes, Total		6.3	U	0.61	6.3
Styrene		6.3	U	0.19	6.3
Bromoform		6.3	U	0.76	6.3
Isopropylbenzene		6.3	U	0.24	6.3
1,1,2,2-Tetrachloroethane		6.3	U	0.65	6.3
1,3-Dichlorobenzene		6.3	U	0.26	6.3
1,4-Dichlorobenzene		6.3	U	0.84	6.3
1,2-Dichlorobenzene		6.3	U	0.30	6.3

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

Client Sample ID: P4-BE

Lab Sample ID: 220-16822-2
Client Matrix: Solid

% Moisture: 20.2

Date Sampled: 11/10/2011 0915
Date Received: 11/12/2011 1315

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-55943	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O6150.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	11/14/2011 2037			Final Weight/Volume:	5 mL
Prep Date:	11/14/2011 2037				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2-Dibromo-3-Chloropropane		13	U	5.7	13
1,2,4-Trichlorobenzene		6.3	U	0.94	6.3

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114		59 - 132
4-Bromofluorobenzene	95		34 - 124
Dibromofluoromethane	102		59 - 123
Toluene-d8 (Surr)	96		50 - 118

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

Client Sample ID: P4-BW

Lab Sample ID: 220-16822-3
Client Matrix: Solid

% Moisture: 20.3

Date Sampled: 11/10/2011 0920
Date Received: 11/12/2011 1315

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B
Prep Method: 5030B
Dilution: 1.0
Analysis Date: 11/14/2011 2103
Prep Date: 11/14/2011 2103

Analysis Batch: 220-55943
Prep Batch: N/A

Instrument ID: MSO
Lab File ID: O6151.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		6.3	U	0.44	6.3
Chloromethane		6.3	U	0.98	6.3
Vinyl chloride		6.3	U	0.29	6.3
Bromomethane		6.3	U *	2.6	6.3
Chloroethane		6.3	U *	1.2	6.3
Trichlorofluoromethane		6.3	U	0.19	6.3
1,1-Dichloroethene		6.3	U	0.73	6.3
1,1,2-Trichloro-1,2,2-trifluoroethane		6.3	U	0.99	6.3
Acetone		25	U	2.8	25
Carbon disulfide		6.3	U	0.51	6.3
Methyl acetate		6.3	U	0.55	6.3
Methylene Chloride		6.8	J B	1.4	25
trans-1,2-Dichloroethene		6.3	U	0.49	6.3
Methyl tert-butyl ether		6.3	U	0.26	6.3
1,1-Dichloroethane		6.3	U	0.38	6.3
cis-1,2-Dichloroethene		8.0		0.46	6.3
Methyl Ethyl Ketone		13	U	2.0	13
Chloroform		6.3	U	0.43	6.3
1,1,1-Trichloroethane		6.3	U	0.67	6.3
Cyclohexane		6.3	U	0.87	6.3
Carbon tetrachloride		6.3	U	1.2	6.3
Benzene		6.3	U	0.72	6.3
1,2-Dichloroethane		6.3	U	0.73	6.3
Trichloroethene		51		1.0	6.3
Methylcyclohexane		6.3	U	0.41	6.3
1,2-Dichloropropane		6.3	U	0.84	6.3
Bromodichloromethane		6.3	U	0.38	6.3
cis-1,3-Dichloropropene		6.3	U	0.70	6.3
methyl isobutyl ketone		6.3	U	0.69	6.3
Toluene		6.3	U	0.093	6.3
trans-1,3-Dichloropropene		6.3	U	0.34	6.3
1,1,2-Trichloroethane		6.3	U	0.46	6.3
Tetrachloroethene		6.3	U	1.0	6.3
2-Hexanone		13	U	1.5	13
Dibromochloromethane		6.3	U	0.44	6.3
1,2-Dibromoethane		6.3	U	0.95	6.3
Chlorobenzene		6.3	U	0.74	6.3
Ethylbenzene		6.3	U	0.88	6.3
Xylenes, Total		6.3	U	0.61	6.3
Styrene		6.3	U	0.19	6.3
Bromoform		6.3	U	0.77	6.3
Isopropylbenzene		6.3	U	0.24	6.3
1,1,2,2-Tetrachloroethane		6.3	U	0.65	6.3
1,3-Dichlorobenzene		6.3	U	0.26	6.3
1,4-Dichlorobenzene		6.3	U	0.84	6.3
1,2-Dichlorobenzene		6.3	U	0.30	6.3

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

Client Sample ID: P4-BW

Lab Sample ID: 220-16822-3
Client Matrix: Solid

% Moisture: 20.3

Date Sampled: 11/10/2011 0920
Date Received: 11/12/2011 1315

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-55943	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O6151.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	11/14/2011 2103			Final Weight/Volume:	5 mL
Prep Date:	11/14/2011 2103				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2-Dibromo-3-Chloropropane		13	U	5.7	13
1,2,4-Trichlorobenzene		6.3	U	0.94	6.3

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89		59 - 132
4-Bromofluorobenzene	58		34 - 124
Dibromofluoromethane	78		59 - 123
Toluene-d8 (Surr)	71		50 - 118

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

Client Sample ID: P4-NW

Lab Sample ID: 220-16822-4
Client Matrix: Solid

% Moisture: 23.0

Date Sampled: 11/10/2011 0925
Date Received: 11/12/2011 1315

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-55943	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O6152.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	11/14/2011 2128			Final Weight/Volume:	5 mL
Prep Date:	11/14/2011 2128				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		6.5	U	0.45	6.5
Chloromethane		6.5	U	1.0	6.5
Vinyl chloride		6.5	U	0.30	6.5
Bromomethane		6.5	U *	2.7	6.5
Chloroethane		6.5	U *	1.3	6.5
Trichlorofluoromethane		6.5	U	0.19	6.5
1,1-Dichloroethene		6.5	U	0.75	6.5
1,1,2-Trichloro-1,2,2-trifluoroethane		6.5	U	1.0	6.5
Acetone		4.3	J	2.9	26
Carbon disulfide		6.5	U	0.53	6.5
Methyl acetate		6.5	U	0.57	6.5
Methylene Chloride		6.8	J B	1.4	26
trans-1,2-Dichloroethene		6.5	U	0.51	6.5
Methyl tert-butyl ether		6.5	U	0.27	6.5
1,1-Dichloroethane		6.5	U	0.39	6.5
cis-1,2-Dichloroethene		6.5	U	0.48	6.5
Methyl Ethyl Ketone		13	U	2.1	13
Chloroform		6.5	U	0.44	6.5
1,1,1-Trichloroethane		6.5	U	0.69	6.5
Cyclohexane		6.5	U	0.90	6.5
Carbon tetrachloride		6.5	U	1.2	6.5
Benzene		6.5	U	0.74	6.5
1,2-Dichloroethane		6.5	U	0.75	6.5
Trichloroethene		2.5	J	1.1	6.5
Methylcyclohexane		6.5	U	0.43	6.5
1,2-Dichloropropane		6.5	U	0.87	6.5
Bromodichloromethane		6.5	U	0.39	6.5
cis-1,3-Dichloropropene		6.5	U	0.73	6.5
methyl isobutyl ketone		6.5	U	0.71	6.5
Toluene		6.5	U	0.096	6.5
trans-1,3-Dichloropropene		6.5	U	0.35	6.5
1,1,2-Trichloroethane		6.5	U	0.48	6.5
Tetrachloroethene		6.5	U	1.1	6.5
2-Hexanone		13	U	1.6	13
Dibromochloromethane		6.5	U	0.45	6.5
1,2-Dibromoethane		6.5	U	0.99	6.5
Chlorobenzene		6.5	U	0.77	6.5
Ethylbenzene		6.5	U	0.91	6.5
Xylenes, Total		6.5	U	0.63	6.5
Styrene		6.5	U	0.19	6.5
Bromoform		6.5	U	0.79	6.5
Isopropylbenzene		6.5	U	0.25	6.5
1,1,2,2-Tetrachloroethane		6.5	U	0.68	6.5
1,3-Dichlorobenzene		6.5	U	0.27	6.5
1,4-Dichlorobenzene		6.5	U	0.87	6.5
1,2-Dichlorobenzene		6.5	U	0.31	6.5

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

Client Sample ID: P4-NW

Lab Sample ID: 220-16822-4
Client Matrix: Solid

% Moisture: 23.0

Date Sampled: 11/10/2011 0925
Date Received: 11/12/2011 1315

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-55943	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O6152.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	11/14/2011 2128			Final Weight/Volume:	5 mL
Prep Date:	11/14/2011 2128				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2-Dibromo-3-Chloropropane		13	U	5.9	13
1,2,4-Trichlorobenzene		6.5	U	0.97	6.5

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88		59 - 132
4-Bromofluorobenzene	72		34 - 124
Dibromofluoromethane	77		59 - 123
Toluene-d8 (Surr)	72		50 - 118

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

Client Sample ID: P4-NE

Lab Sample ID: 220-16822-5
Client Matrix: Solid

% Moisture: 33.5

Date Sampled: 11/10/2011 0930
Date Received: 11/12/2011 1315

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-55961	Instrument ID:	MSV
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	V4719.D
Dilution:	2.0			Initial Weight/Volume:	5 g
Analysis Date:	11/16/2011 1218			Final Weight/Volume:	5 mL
Prep Date:	11/16/2011 1218				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		15	U	1.1	15
Chloromethane		15	U	2.3	15
Vinyl chloride		15	U	0.69	15
Bromomethane		15	U	6.3	15
Chloroethane		15	U	2.9	15
Trichlorofluoromethane		15	U	0.45	15
1,1-Dichloroethene		15	U	1.7	15
1,1,2-Trichloro-1,2,2-trifluoroethane		15	U	2.4	15
Acetone		60	U	6.7	60
Carbon disulfide		15	U	1.2	15
Methyl acetate		15	U	1.3	15
Methylene Chloride		44	J B	3.3	60
trans-1,2-Dichloroethene		15	U	1.2	15
Methyl tert-butyl ether		15	U *	0.63	15
1,1-Dichloroethane		15	U	0.90	15
cis-1,2-Dichloroethene		6.3	J	1.1	15
Methyl Ethyl Ketone		30	U	4.8	30
Chloroform		15	U	1.0	15
1,1,1-Trichloroethane		15	U	1.6	15
Cyclohexane		15	U *	2.1	15
Carbon tetrachloride		15	U	2.9	15
Benzene		15	U	1.7	15
1,2-Dichloroethane		15	U	1.7	15
Trichloroethene		780	E	2.4	15
Methylcyclohexane		15	U	0.99	15
1,2-Dichloropropane		15	U	2.0	15
Bromodichloromethane		15	U	0.90	15
cis-1,3-Dichloropropene		15	U	1.7	15
methyl isobutyl ketone		15	U	1.7	15
Toluene		1.5	J	0.22	15
trans-1,3-Dichloropropene		15	U	0.81	15
1,1,2-Trichloroethane		15	U	1.1	15
Tetrachloroethene		7.1	J	2.4	15
2-Hexanone		30	U	3.6	30
Dibromochloromethane		15	U	1.1	15
1,2-Dibromoethane		15	U	2.3	15
Chlorobenzene		15	U	1.8	15
Ethylbenzene		15	U	2.1	15
Xylenes, Total		15	U	1.5	15
Styrene		15	U	0.45	15
Bromoform		15	U	1.8	15
Isopropylbenzene		15	U	0.57	15
1,1,2,2-Tetrachloroethane		15	U	1.6	15
1,3-Dichlorobenzene		15	U	0.63	15
1,4-Dichlorobenzene		15	U	2.0	15
1,2-Dichlorobenzene		15	U	0.72	15

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

Client Sample ID: P4-NE

Lab Sample ID: 220-16822-5
Client Matrix: Solid

% Moisture: 33.5

Date Sampled: 11/10/2011 0930
Date Received: 11/12/2011 1315

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-55961	Instrument ID:	MSV
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	V4719.D
Dilution:	2.0			Initial Weight/Volume:	5 g
Analysis Date:	11/16/2011 1218			Final Weight/Volume:	5 mL
Prep Date:	11/16/2011 1218				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2-Dibromo-3-Chloropropane		30	U	14	30
1,2,4-Trichlorobenzene		15	U	2.3	15

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	132		59 - 132
4-Bromofluorobenzene	163	*	34 - 124
Dibromofluoromethane	140	*	59 - 123
Toluene-d8 (Surr)	161	*	50 - 118

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

Client Sample ID: P4-NE

Lab Sample ID: 220-16822-5
Client Matrix: Solid

% Moisture: 33.5

Date Sampled: 11/10/2011 0930
Date Received: 11/12/2011 1315

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-55961	Instrument ID:	MSV
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	V4721.D
Dilution:	4.0			Initial Weight/Volume:	5 g
Analysis Date:	11/16/2011 1314	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	11/16/2011 1314				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		30	U	2.1	30
Chloromethane		30	U	4.7	30
Vinyl chloride		30	U	1.4	30
Bromomethane		30	U	13	30
Chloroethane		30	U	5.9	30
Trichlorofluoromethane		30	U	0.90	30
1,1-Dichloroethene		30	U	3.5	30
1,1,2-Trichloro-1,2,2-trifluoroethane		30	U	4.7	30
Acetone		21	J	13	120
Carbon disulfide		30	U	2.5	30
Methyl acetate		30	U	2.6	30
Methylene Chloride		41	J B	6.6	120
trans-1,2-Dichloroethene		30	U	2.3	30
Methyl tert-butyl ether		30	U *	1.3	30
1,1-Dichloroethane		30	U	1.8	30
cis-1,2-Dichloroethene		30	U	2.2	30
Methyl Ethyl Ketone		60	U	9.6	60
Chloroform		30	U	2.0	30
1,1,1-Trichloroethane		30	U	3.2	30
Cyclohexane		30	U *	4.1	30
Carbon tetrachloride		30	U	5.7	30
Benzene		30	U	3.4	30
1,2-Dichloroethane		30	U	3.5	30
Trichloroethene		280		4.9	30
Methylcyclohexane		30	U	2.0	30
1,2-Dichloropropane		30	U	4.0	30
Bromodichloromethane		30	U	1.8	30
cis-1,3-Dichloropropene		30	U	3.4	30
methyl isobutyl ketone		30	U	3.3	30
Toluene		0.98	J	0.44	30
trans-1,3-Dichloropropene		30	U	1.6	30
1,1,2-Trichloroethane		30	U	2.2	30
Tetrachloroethene		30	U	4.9	30
2-Hexanone		60	U	7.2	60
Dibromochloromethane		30	U	2.1	30
1,2-Dibromoethane		30	U	4.6	30
Chlorobenzene		30	U	3.5	30
Ethylbenzene		30	U	4.2	30
Xylenes, Total		30	U	2.9	30
Styrene		30	U	0.90	30
Bromoform		30	U	3.7	30
Isopropylbenzene		30	U	1.1	30
1,1,2,2-Tetrachloroethane		30	U	3.1	30
1,3-Dichlorobenzene		30	U	1.3	30
1,4-Dichlorobenzene		30	U	4.0	30
1,2-Dichlorobenzene		30	U	1.4	30

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

Client Sample ID: P4-NE

Lab Sample ID: 220-16822-5
Client Matrix: Solid

% Moisture: 33.5

Date Sampled: 11/10/2011 0930
Date Received: 11/12/2011 1315

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-55961	Instrument ID:	MSV
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	V4721.D
Dilution:	4.0			Initial Weight/Volume:	5 g
Analysis Date:	11/16/2011 1314	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	11/16/2011 1314				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2-Dibromo-3-Chloropropane		60	U	27	60
1,2,4-Trichlorobenzene		30	U	4.5	30

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112		59 - 132
4-Bromofluorobenzene	153	*	34 - 124
Dibromofluoromethane	119		59 - 123
Toluene-d8 (Surr)	117		50 - 118

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

Client Sample ID: P4-N

Lab Sample ID: 220-16822-6
Client Matrix: Solid

% Moisture: 27.6

Date Sampled: 11/10/2011 0940
Date Received: 11/12/2011 1315

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-55943	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O6142.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	11/14/2011 1715			Final Weight/Volume:	5 mL
Prep Date:	11/14/2011 1715				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		6.9	U	0.48	6.9
Chloromethane		6.9	U	1.1	6.9
Vinyl chloride		6.9	U	0.32	6.9
Bromomethane		6.9	U *	2.9	6.9
Chloroethane		6.9	U *	1.4	6.9
Trichlorofluoromethane		6.9	U	0.21	6.9
1,1-Dichloroethene		6.9	U	0.80	6.9
1,1,2-Trichloro-1,2,2-trifluoroethane		6.9	U	1.1	6.9
Acetone		5.4	J	3.1	28
Carbon disulfide		6.9	U	0.57	6.9
Methyl acetate		6.9	U	0.61	6.9
Methylene Chloride		7.7	J B	1.5	28
trans-1,2-Dichloroethene		6.9	U	0.54	6.9
Methyl tert-butyl ether		6.9	U	0.29	6.9
1,1-Dichloroethane		6.9	U	0.41	6.9
cis-1,2-Dichloroethene		6.9	U	0.51	6.9
Methyl Ethyl Ketone		14	U	2.2	14
Chloroform		6.9	U	0.47	6.9
1,1,1-Trichloroethane		6.9	U	0.73	6.9
Cyclohexane		6.9	U	0.95	6.9
Carbon tetrachloride		6.9	U	1.3	6.9
Benzene		6.9	U	0.79	6.9
1,2-Dichloroethane		6.9	U	0.80	6.9
Trichloroethene		4.2	J	1.1	6.9
Methylcyclohexane		6.9	U	0.46	6.9
1,2-Dichloropropane		6.9	U	0.93	6.9
Bromodichloromethane		6.9	U	0.41	6.9
cis-1,3-Dichloropropene		6.9	U	0.77	6.9
methyl isobutyl ketone		6.9	U	0.76	6.9
Toluene		6.9	U	0.10	6.9
trans-1,3-Dichloropropene		6.9	U	0.37	6.9
1,1,2-Trichloroethane		6.9	U	0.51	6.9
Tetrachloroethene		6.9	U	1.1	6.9
2-Hexanone		14	U	1.7	14
Dibromochloromethane		6.9	U	0.48	6.9
1,2-Dibromoethane		6.9	U	1.0	6.9
Chlorobenzene		6.9	U	0.81	6.9
Ethylbenzene		6.9	U	0.97	6.9
Xylenes, Total		6.9	U	0.67	6.9
Styrene		6.9	U	0.21	6.9
Bromoform		6.9	U	0.84	6.9
Isopropylbenzene		6.9	U	0.26	6.9
1,1,2,2-Tetrachloroethane		6.9	U	0.72	6.9
1,3-Dichlorobenzene		6.9	U	0.29	6.9
1,4-Dichlorobenzene		6.9	U	0.93	6.9
1,2-Dichlorobenzene		6.9	U	0.33	6.9

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

Client Sample ID: P4-N

Lab Sample ID: 220-16822-6
Client Matrix: Solid

% Moisture: 27.6

Date Sampled: 11/10/2011 0940
Date Received: 11/12/2011 1315

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-55943	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O6142.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	11/14/2011 1715			Final Weight/Volume:	5 mL
Prep Date:	11/14/2011 1715				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2-Dibromo-3-Chloropropane		14	U	6.3	14
1,2,4-Trichlorobenzene		6.9	U	1.0	6.9

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		59 - 132
4-Bromofluorobenzene	84		34 - 124
Dibromofluoromethane	88		59 - 123
Toluene-d8 (Surr)	86		50 - 118

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

Client Sample ID: P3-S2

Lab Sample ID: 220-16822-7
Client Matrix: Solid

% Moisture: 26.1

Date Sampled: 11/10/2011 1045
Date Received: 11/12/2011 1315

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-55943	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O6153.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	11/14/2011 2153			Final Weight/Volume:	5 mL
Prep Date:	11/14/2011 2153				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		6.8	U	0.47	6.8
Chloromethane		6.8	U	1.1	6.8
Vinyl chloride		6.8	U	0.31	6.8
Bromomethane		6.8	U *	2.8	6.8
Chloroethane		6.8	U *	1.3	6.8
Trichlorofluoromethane		6.8	U	0.20	6.8
1,1-Dichloroethene		6.8	U	0.78	6.8
1,1,2-Trichloro-1,2,2-trifluoroethane		6.8	U	1.1	6.8
Acetone		4.7	J	3.0	27
Carbon disulfide		6.8	U	0.55	6.8
Methyl acetate		6.8	U	0.60	6.8
Methylene Chloride		7.9	J B	1.5	27
trans-1,2-Dichloroethene		6.8	U	0.53	6.8
Methyl tert-butyl ether		6.8	U	0.28	6.8
1,1-Dichloroethane		6.8	U	0.41	6.8
cis-1,2-Dichloroethene		6.8	U	0.50	6.8
Methyl Ethyl Ketone		14	U	2.2	14
Chloroform		6.8	U	0.46	6.8
1,1,1-Trichloroethane		6.8	U	0.72	6.8
Cyclohexane		6.8	U	0.93	6.8
Carbon tetrachloride		6.8	U	1.3	6.8
Benzene		6.8	U	0.77	6.8
1,2-Dichloroethane		6.8	U	0.78	6.8
Trichloroethene		17		1.1	6.8
Methylcyclohexane		6.8	U	0.45	6.8
1,2-Dichloropropane		6.8	U	0.91	6.8
Bromodichloromethane		6.8	U	0.41	6.8
cis-1,3-Dichloropropene		6.8	U	0.76	6.8
methyl isobutyl ketone		6.8	U	0.74	6.8
Toluene		6.8	U	0.10	6.8
trans-1,3-Dichloropropene		6.8	U	0.37	6.8
1,1,2-Trichloroethane		6.8	U	0.50	6.8
Tetrachloroethene		6.8	U	1.1	6.8
2-Hexanone		14	U	1.6	14
Dibromochloromethane		6.8	U	0.47	6.8
1,2-Dibromoethane		6.8	U	1.0	6.8
Chlorobenzene		6.8	U	0.80	6.8
Ethylbenzene		6.8	U	0.95	6.8
Xylenes, Total		6.8	U	0.66	6.8
Styrene		6.8	U	0.20	6.8
Bromoform		6.8	U	0.83	6.8
Isopropylbenzene		6.8	U	0.26	6.8
1,1,2,2-Tetrachloroethane		6.8	U	0.70	6.8
1,3-Dichlorobenzene		6.8	U	0.28	6.8
1,4-Dichlorobenzene		6.8	U	0.91	6.8
1,2-Dichlorobenzene		6.8	U	0.32	6.8

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

Client Sample ID: P3-S2

Lab Sample ID: 220-16822-7
Client Matrix: Solid

% Moisture: 26.1

Date Sampled: 11/10/2011 1045
Date Received: 11/12/2011 1315

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-55943	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O6153.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	11/14/2011 2153			Final Weight/Volume:	5 mL
Prep Date:	11/14/2011 2153				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2-Dibromo-3-Chloropropane		14	U	6.1	14
1,2,4-Trichlorobenzene		6.8	U	1.0	6.8

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112		59 - 132
4-Bromofluorobenzene	71		34 - 124
Dibromofluoromethane	93		59 - 123
Toluene-d8 (Surr)	86		50 - 118

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

Client Sample ID: P3-S1

Lab Sample ID: 220-16822-8
Client Matrix: Solid

% Moisture: 18.8

Date Sampled: 11/10/2011 1105
Date Received: 11/12/2011 1315

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-55943	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O6154.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	11/14/2011 2219			Final Weight/Volume:	5 mL
Prep Date:	11/14/2011 2219				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		6.2	U	0.43	6.2
Chloromethane		6.2	U	0.96	6.2
Vinyl chloride		6.2	U	0.28	6.2
Bromomethane		6.2	U *	2.6	6.2
Chloroethane		6.2	U *	1.2	6.2
Trichlorofluoromethane		6.2	U	0.18	6.2
1,1-Dichloroethene		6.2	U	0.71	6.2
1,1,2-Trichloro-1,2,2-trifluoroethane		6.2	U	0.97	6.2
Acetone		2.9	J	2.8	25
Carbon disulfide		6.2	U	0.50	6.2
Methyl acetate		6.2	U	0.54	6.2
Methylene Chloride		6.4	J B	1.3	25
trans-1,2-Dichloroethene		6.2	U	0.48	6.2
Methyl tert-butyl ether		6.2	U	0.26	6.2
1,1-Dichloroethane		6.2	U	0.37	6.2
cis-1,2-Dichloroethene		6.2	U	0.46	6.2
Methyl Ethyl Ketone		12	U	2.0	12
Chloroform		6.2	U	0.42	6.2
1,1,1-Trichloroethane		6.2	U	0.65	6.2
Cyclohexane		6.2	U	0.85	6.2
Carbon tetrachloride		6.2	U	1.2	6.2
Benzene		6.2	U	0.70	6.2
1,2-Dichloroethane		6.2	U	0.71	6.2
Trichloroethene		6.2	U	1.0	6.2
Methylcyclohexane		6.2	U	0.41	6.2
1,2-Dichloropropane		6.2	U	0.82	6.2
Bromodichloromethane		6.2	U	0.37	6.2
cis-1,3-Dichloropropene		6.2	U	0.69	6.2
methyl isobutyl ketone		6.2	U	0.68	6.2
Toluene		0.20	J	0.091	6.2
trans-1,3-Dichloropropene		6.2	U	0.33	6.2
1,1,2-Trichloroethane		6.2	U	0.46	6.2
Tetrachloroethene		6.2	U	1.0	6.2
2-Hexanone		12	U	1.5	12
Dibromochloromethane		6.2	U	0.43	6.2
1,2-Dibromoethane		6.2	U	0.94	6.2
Chlorobenzene		6.2	U	0.73	6.2
Ethylbenzene		6.2	U	0.86	6.2
Xylenes, Total		6.2	U	0.60	6.2
Styrene		6.2	U	0.18	6.2
Bromoform		6.2	U	0.75	6.2
Isopropylbenzene		6.2	U	0.23	6.2
1,1,2,2-Tetrachloroethane		6.2	U	0.64	6.2
1,3-Dichlorobenzene		6.2	U	0.26	6.2
1,4-Dichlorobenzene		6.2	U	0.82	6.2
1,2-Dichlorobenzene		6.2	U	0.30	6.2

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

Client Sample ID: P3-S1

Lab Sample ID: 220-16822-8
Client Matrix: Solid

% Moisture: 18.8

Date Sampled: 11/10/2011 1105
Date Received: 11/12/2011 1315

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-55943	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O6154.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	11/14/2011 2219			Final Weight/Volume:	5 mL
Prep Date:	11/14/2011 2219				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2-Dibromo-3-Chloropropane		12	U	5.6	12
1,2,4-Trichlorobenzene		6.2	U	0.92	6.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		59 - 132
4-Bromofluorobenzene	77		34 - 124
Dibromofluoromethane	78		59 - 123
Toluene-d8 (Surr)	76		50 - 118

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

Client Sample ID: P3-N1

Lab Sample ID: 220-16822-9
Client Matrix: Solid

% Moisture: 14.6

Date Sampled: 11/10/2011 1115
Date Received: 11/12/2011 1315

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-55943	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O6155.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	11/14/2011 2244			Final Weight/Volume:	5 mL
Prep Date:	11/14/2011 2244				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		5.9	U	0.41	5.9
Chloromethane		5.9	U	0.91	5.9
Vinyl chloride		5.9	U	0.27	5.9
Bromomethane		5.9	U *	2.4	5.9
Chloroethane		5.9	U *	1.1	5.9
Trichlorofluoromethane		5.9	U	0.18	5.9
1,1-Dichloroethene		5.9	U	0.68	5.9
1,1,2-Trichloro-1,2,2-trifluoroethane		5.9	U	0.93	5.9
Acetone		23	U	2.6	23
Carbon disulfide		5.9	U	0.48	5.9
Methyl acetate		5.9	U	0.52	5.9
Methylene Chloride		6.0	J B	1.3	23
trans-1,2-Dichloroethene		5.9	U	0.46	5.9
Methyl tert-butyl ether		5.9	U	0.25	5.9
1,1-Dichloroethane		5.9	U	0.35	5.9
cis-1,2-Dichloroethene		5.9	U	0.43	5.9
Methyl Ethyl Ketone		12	U	1.9	12
Chloroform		5.9	U	0.40	5.9
1,1,1-Trichloroethane		5.9	U	0.62	5.9
Cyclohexane		5.9	U	0.81	5.9
Carbon tetrachloride		5.9	U	1.1	5.9
Benzene		5.9	U	0.67	5.9
1,2-Dichloroethane		5.9	U	0.68	5.9
Trichloroethene		5.9	U	0.95	5.9
Methylcyclohexane		5.9	U	0.39	5.9
1,2-Dichloropropane		5.9	U	0.78	5.9
Bromodichloromethane		5.9	U	0.35	5.9
cis-1,3-Dichloropropene		5.9	U	0.66	5.9
methyl isobutyl ketone		5.9	U	0.64	5.9
Toluene		5.9	U	0.087	5.9
trans-1,3-Dichloropropene		5.9	U	0.32	5.9
1,1,2-Trichloroethane		5.9	U	0.43	5.9
Tetrachloroethene		5.9	U	0.95	5.9
2-Hexanone		12	U	1.4	12
Dibromochloromethane		5.9	U	0.41	5.9
1,2-Dibromoethane		5.9	U	0.89	5.9
Chlorobenzene		5.9	U	0.69	5.9
Ethylbenzene		5.9	U	0.82	5.9
Xylenes, Total		5.9	U	0.57	5.9
Styrene		5.9	U	0.18	5.9
Bromoform		5.9	U	0.71	5.9
Isopropylbenzene		5.9	U	0.22	5.9
1,1,2,2-Tetrachloroethane		5.9	U	0.61	5.9
1,3-Dichlorobenzene		5.9	U	0.25	5.9
1,4-Dichlorobenzene		5.9	U	0.78	5.9
1,2-Dichlorobenzene		5.9	U	0.28	5.9

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

Client Sample ID: P3-N1

Lab Sample ID: 220-16822-9
Client Matrix: Solid

% Moisture: 14.6

Date Sampled: 11/10/2011 1115
Date Received: 11/12/2011 1315

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-55943	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O6155.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	11/14/2011 2244			Final Weight/Volume:	5 mL
Prep Date:	11/14/2011 2244				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2-Dibromo-3-Chloropropane		12	U	5.3	12
1,2,4-Trichlorobenzene		5.9	U	0.88	5.9

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87		59 - 132
4-Bromofluorobenzene	70		34 - 124
Dibromofluoromethane	74		59 - 123
Toluene-d8 (Surr)	75		50 - 118

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

Client Sample ID: P3-N2

Lab Sample ID: 220-16822-10
Client Matrix: Solid

% Moisture: 15.6

Date Sampled: 11/10/2011 1125
Date Received: 11/12/2011 1315

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B
Prep Method: 5030B
Dilution: 1.0
Analysis Date: 11/14/2011 2309
Prep Date: 11/14/2011 2309

Analysis Batch: 220-55943
Prep Batch: N/A

Instrument ID: MSO
Lab File ID: O6156.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		5.9	U	0.41	5.9
Chloromethane		5.9	U	0.92	5.9
Vinyl chloride		5.9	U	0.27	5.9
Bromomethane		5.9	U *	2.5	5.9
Chloroethane		5.9	U *	1.2	5.9
Trichlorofluoromethane		5.9	U	0.18	5.9
1,1-Dichloroethene		5.9	U	0.69	5.9
1,1,2-Trichloro-1,2,2-trifluoroethane		5.9	U	0.94	5.9
Acetone		4.3	J	2.7	24
Carbon disulfide		5.9	U	0.49	5.9
Methyl acetate		5.9	U	0.52	5.9
Methylene Chloride		6.8	J B	1.3	24
trans-1,2-Dichloroethene		5.9	U	0.46	5.9
Methyl tert-butyl ether		5.9	U	0.25	5.9
1,1-Dichloroethane		5.9	U	0.36	5.9
cis-1,2-Dichloroethene		5.9	U	0.44	5.9
Methyl Ethyl Ketone		12	U	1.9	12
Chloroform		5.9	U	0.40	5.9
1,1,1-Trichloroethane		5.9	U	0.63	5.9
Cyclohexane		5.9	U	0.82	5.9
Carbon tetrachloride		5.9	U	1.1	5.9
Benzene		5.9	U	0.67	5.9
1,2-Dichloroethane		5.9	U	0.69	5.9
Trichloroethene		5.9	U	0.96	5.9
Methylcyclohexane		5.9	U	0.39	5.9
1,2-Dichloropropane		5.9	U	0.79	5.9
Bromodichloromethane		5.9	U	0.36	5.9
cis-1,3-Dichloropropene		5.9	U	0.66	5.9
methyl isobutyl ketone		5.9	U	0.65	5.9
Toluene		5.9	U	0.088	5.9
trans-1,3-Dichloropropene		5.9	U	0.32	5.9
1,1,2-Trichloroethane		5.9	U	0.44	5.9
Tetrachloroethene		5.9	U	0.96	5.9
2-Hexanone		12	U	1.4	12
Dibromochloromethane		5.9	U	0.41	5.9
1,2-Dibromoethane		5.9	U	0.90	5.9
Chlorobenzene		5.9	U	0.70	5.9
Ethylbenzene		5.9	U	0.83	5.9
Xylenes, Total		5.9	U	0.58	5.9
Styrene		5.9	U	0.18	5.9
Bromoform		5.9	U	0.72	5.9
Isopropylbenzene		5.9	U	0.22	5.9
1,1,2,2-Tetrachloroethane		5.9	U	0.62	5.9
1,3-Dichlorobenzene		5.9	U	0.25	5.9
1,4-Dichlorobenzene		5.9	U	0.79	5.9
1,2-Dichlorobenzene		5.9	U	0.28	5.9

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

Client Sample ID: P3-N2

Lab Sample ID: 220-16822-10
Client Matrix: Solid

% Moisture: 15.6

Date Sampled: 11/10/2011 1125
Date Received: 11/12/2011 1315

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-55943	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O6156.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	11/14/2011 2309			Final Weight/Volume:	5 mL
Prep Date:	11/14/2011 2309				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2-Dibromo-3-Chloropropane		12	U	5.4	12
1,2,4-Trichlorobenzene		5.9	U	0.89	5.9

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115		59 - 132
4-Bromofluorobenzene	83		34 - 124
Dibromofluoromethane	98		59 - 123
Toluene-d8 (Surr)	88		50 - 118

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

Client Sample ID: DUPE

Lab Sample ID: 220-16822-11
Client Matrix: Solid

% Moisture: 20.1

Date Sampled: 11/10/2011 0800
Date Received: 11/12/2011 1315

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-55943	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O6157.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	11/14/2011 2334			Final Weight/Volume:	5 mL
Prep Date:	11/14/2011 2334				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		6.3	U	0.44	6.3
Chloromethane		6.3	U	0.98	6.3
Vinyl chloride		6.3	U	0.29	6.3
Bromomethane		6.3	U *	2.6	6.3
Chloroethane		6.3	U *	1.2	6.3
Trichlorofluoromethane		6.3	U	0.19	6.3
1,1-Dichloroethene		6.3	U	0.73	6.3
1,1,2-Trichloro-1,2,2-trifluoroethane		6.3	U	0.99	6.3
Acetone		25	U	2.8	25
Carbon disulfide		6.3	U	0.51	6.3
Methyl acetate		6.3	U	0.55	6.3
Methylene Chloride		6.9	J B	1.4	25
trans-1,2-Dichloroethene		6.3	U	0.49	6.3
Methyl tert-butyl ether		6.3	U	0.26	6.3
1,1-Dichloroethane		6.3	U	0.38	6.3
cis-1,2-Dichloroethene		6.3	U	0.46	6.3
Methyl Ethyl Ketone		13	U	2.0	13
Chloroform		6.3	U	0.43	6.3
1,1,1-Trichloroethane		6.3	U	0.66	6.3
Cyclohexane		6.3	U	0.86	6.3
Carbon tetrachloride		6.3	U	1.2	6.3
Benzene		6.3	U	0.71	6.3
1,2-Dichloroethane		6.3	U	0.73	6.3
Trichloroethene		7.9		1.0	6.3
Methylcyclohexane		6.3	U	0.41	6.3
1,2-Dichloropropane		6.3	U	0.84	6.3
Bromodichloromethane		6.3	U	0.38	6.3
cis-1,3-Dichloropropene		6.3	U	0.70	6.3
methyl isobutyl ketone		6.3	U	0.69	6.3
Toluene		6.3	U	0.093	6.3
trans-1,3-Dichloropropene		6.3	U	0.34	6.3
1,1,2-Trichloroethane		6.3	U	0.46	6.3
Tetrachloroethene		6.3	U	1.0	6.3
2-Hexanone		13	U	1.5	13
Dibromochloromethane		6.3	U	0.44	6.3
1,2-Dibromoethane		6.3	U	0.95	6.3
Chlorobenzene		6.3	U	0.74	6.3
Ethylbenzene		6.3	U	0.88	6.3
Xylenes, Total		6.3	U	0.61	6.3
Styrene		6.3	U	0.19	6.3
Bromoform		6.3	U	0.76	6.3
Isopropylbenzene		6.3	U	0.24	6.3
1,1,2,2-Tetrachloroethane		6.3	U	0.65	6.3
1,3-Dichlorobenzene		6.3	U	0.26	6.3
1,4-Dichlorobenzene		6.3	U	0.84	6.3
1,2-Dichlorobenzene		6.3	U	0.30	6.3

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

Client Sample ID: DUPE

Lab Sample ID: 220-16822-11
Client Matrix: Solid

% Moisture: 20.1

Date Sampled: 11/10/2011 0800
Date Received: 11/12/2011 1315

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-55943	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O6157.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	11/14/2011 2334			Final Weight/Volume:	5 mL
Prep Date:	11/14/2011 2334				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2-Dibromo-3-Chloropropane		13	U	5.7	13
1,2,4-Trichlorobenzene		6.3	U	0.94	6.3

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		59 - 132
4-Bromofluorobenzene	77		34 - 124
Dibromofluoromethane	87		59 - 123
Toluene-d8 (Surr)	84		50 - 118

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

Client Sample ID: **Trip Blank**

Lab Sample ID: 220-16822-13TB
Client Matrix: Water

Date Sampled: 09/13/2011 1200
Date Received: 11/12/2011 1315

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-55957	Instrument ID:	MSW
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	W6104.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/15/2011 1255			Final Weight/Volume:	5 mL
Prep Date:	11/15/2011 1255				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	5.0	U H	1.0	5.0
Chloromethane	5.0	U H	1.1	5.0
Vinyl chloride	5.0	U H	0.99	5.0
Bromomethane	5.0	U H	2.1	5.0
Chloroethane	5.0	U H	1.1	5.0
Trichlorofluoromethane	5.0	U H	1.1	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U H	0.97	5.0
1,1-Dichloroethene	5.0	U H	0.83	5.0
Carbon disulfide	5.0	U H	0.90	5.0
Methylene Chloride	5.0	U H	0.78	5.0
Acetone	10	U H	1.0	10
trans-1,2-Dichloroethene	5.0	U H	0.76	5.0
Methyl acetate	5.0	U H	0.48	5.0
1,1-Dichloroethane	5.0	U H	1.0	5.0
cis-1,2-Dichloroethene	5.0	U H	0.99	5.0
Chloroform	5.0	U H	0.67	5.0
1,1,1-Trichloroethane	5.0	U H	0.69	5.0
Carbon tetrachloride	5.0	U H	1.1	5.0
Methyl Ethyl Ketone	10	U H	1.1	10
Cyclohexane	5.0	U H	0.70	5.0
Benzene	5.0	U H	0.74	5.0
1,2-Dichloroethane	5.0	U H	0.72	5.0
Trichloroethene	5.0	U H	0.62	5.0
1,2-Dichloropropane	5.0	U H	0.71	5.0
Bromodichloromethane	5.0	U H	0.48	5.0
cis-1,3-Dichloropropene	5.0	U H	0.28	5.0
trans-1,3-Dichloropropene	5.0	U H	0.57	5.0
1,1,2-Trichloroethane	5.0	U H	0.65	5.0
Toluene	5.0	U H	0.72	5.0
methyl isobutyl ketone	10	U H	0.38	10
Tetrachloroethene	5.0	U H	0.81	5.0
Dibromochloromethane	5.0	U H	0.55	5.0
2-Hexanone	10	U H	1.1	10
Chlorobenzene	5.0	U H	0.72	5.0
Ethylbenzene	5.0	U H	0.87	5.0
Styrene	5.0	U H	0.64	5.0
Bromoform	5.0	U H	0.46	5.0
Isopropylbenzene	5.0	U H	0.85	5.0
1,1,2,2-Tetrachloroethane	5.0	U H	0.81	5.0
1,3-Dichlorobenzene	5.0	U H	0.14	5.0
1,4-Dichlorobenzene	5.0	U H	0.59	5.0
1,2-Dichlorobenzene	5.0	U H	0.22	5.0
1,2-Dibromo-3-Chloropropane	5.0	U H	1.2	5.0
1,2,4-Trichlorobenzene	5.0	U H	0.72	5.0
Xylenes, Total	5.0	U H	2.3	5.0
1,2-Dibromoethane	5.0	U H	0.52	5.0

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

Client Sample ID: **Trip Blank**

Lab Sample ID: 220-16822-13TB
Client Matrix: Water

Date Sampled: 09/13/2011 1200
Date Received: 11/12/2011 1315

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-55957	Instrument ID:	MSW
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	W6104.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/15/2011 1255			Final Weight/Volume:	5 mL
Prep Date:	11/15/2011 1255				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Methyl tert-butyl ether	5.0	U H	0.17	5.0
Methylcyclohexane	5.0	U H	0.98	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Dibromofluoromethane	90		68 - 132
1,2-Dichloroethane-d4 (Surr)	94		65 - 136
Toluene-d8 (Surr)	89		63 - 127
4-Bromofluorobenzene	74		51 - 142

General Chemistry

Client Sample ID: **P4-S1**

Lab Sample ID: 220-16822-1
Client Matrix: Solid

Date Sampled: 11/10/2011 0855
Date Received: 11/12/2011 1315

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	17.3		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-55938	Analysis Date: 11/14/2011 1426						DryWt Corrected: N
Percent Solids	82.7		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-55938	Analysis Date: 11/14/2011 1426						DryWt Corrected: N

General Chemistry

Client Sample ID: **P4-BE**

Lab Sample ID: 220-16822-2
Client Matrix: Solid

Date Sampled: 11/10/2011 0915
Date Received: 11/12/2011 1315

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	20.2		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-55938	Analysis Date: 11/14/2011 1426						DryWt Corrected: N
Percent Solids	79.8		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-55938	Analysis Date: 11/14/2011 1426						DryWt Corrected: N

General Chemistry

Client Sample ID: **P4-BW**

Lab Sample ID: 220-16822-3
Client Matrix: Solid

Date Sampled: 11/10/2011 0920
Date Received: 11/12/2011 1315

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	20.3		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-55938	Analysis Date: 11/14/2011 1426						DryWt Corrected: N
Percent Solids	79.7		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-55938	Analysis Date: 11/14/2011 1426						DryWt Corrected: N

General Chemistry

Client Sample ID: **P4-NW**

Lab Sample ID: 220-16822-4
Client Matrix: Solid

Date Sampled: 11/10/2011 0925
Date Received: 11/12/2011 1315

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	23.0		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-55938	Analysis Date: 11/14/2011 1426						DryWt Corrected: N
Percent Solids	77.0		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-55938	Analysis Date: 11/14/2011 1426						DryWt Corrected: N

General Chemistry

Client Sample ID: **P4-NE**

Lab Sample ID: 220-16822-5
Client Matrix: Solid

Date Sampled: 11/10/2011 0930
Date Received: 11/12/2011 1315

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	33.5		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-55938	Analysis Date: 11/14/2011 1426						DryWt Corrected: N
Percent Solids	66.5		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-55938	Analysis Date: 11/14/2011 1426						DryWt Corrected: N

General Chemistry

Client Sample ID: **P4-N**

Lab Sample ID: 220-16822-6
Client Matrix: Solid

Date Sampled: 11/10/2011 0940
Date Received: 11/12/2011 1315

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	27.6		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-55938	Analysis Date: 11/14/2011 1426						DryWt Corrected: N
Percent Solids	72.4		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-55938	Analysis Date: 11/14/2011 1426						DryWt Corrected: N

General Chemistry

Client Sample ID: **P3-S2**

Lab Sample ID: 220-16822-7
Client Matrix: Solid

Date Sampled: 11/10/2011 1045
Date Received: 11/12/2011 1315

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	26.1		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-55938	Analysis Date: 11/14/2011 1426						DryWt Corrected: N
Percent Solids	73.9		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-55938	Analysis Date: 11/14/2011 1426						DryWt Corrected: N

General Chemistry

Client Sample ID: **P3-S1**

Lab Sample ID: 220-16822-8
Client Matrix: Solid

Date Sampled: 11/10/2011 1105
Date Received: 11/12/2011 1315

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	18.8		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-55938	Analysis Date: 11/14/2011 1426						DryWt Corrected: N
Percent Solids	81.2		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-55938	Analysis Date: 11/14/2011 1426						DryWt Corrected: N

General Chemistry

Client Sample ID: **P3-N1**

Lab Sample ID: 220-16822-9
Client Matrix: Solid

Date Sampled: 11/10/2011 1115
Date Received: 11/12/2011 1315

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	14.6		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-55938	Analysis Date: 11/14/2011 1426						DryWt Corrected: N
Percent Solids	85.4		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-55938	Analysis Date: 11/14/2011 1426						DryWt Corrected: N

General Chemistry

Client Sample ID: **P3-N2**

Lab Sample ID: 220-16822-10 Date Sampled: 11/10/2011 1125
Client Matrix: Solid Date Received: 11/12/2011 1315

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	15.6		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-55938	Analysis Date: 11/14/2011 1426						DryWt Corrected: N
Percent Solids	84.4		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-55938	Analysis Date: 11/14/2011 1426						DryWt Corrected: N

General Chemistry

Client Sample ID: **DUPE**

Lab Sample ID: 220-16822-11
Client Matrix: Solid

Date Sampled: 11/10/2011 0800
Date Received: 11/12/2011 1315

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	20.1		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-55938	Analysis Date: 11/14/2011 1426						DryWt Corrected: N
Percent Solids	79.9		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-55938	Analysis Date: 11/14/2011 1426						DryWt Corrected: N

DATA REPORTING QUALIFIERS

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Analyzed for but not detected.
	E	Compound concentration exceeds the upper level of the calibration range of the instrument for that specific analysis.
	J	Indicates an estimated value.
	*	LCS or LCSD exceeds the control limits
	H	Sample was prepped or analyzed beyond the specified holding time
	*	Surrogate exceeds the control limit
	B	The analyte was found in an associated blank, as well as in the sample.

QUALITY CONTROL RESULTS

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:220-55943					
LCS 220-55943/2	Lab Control Sample	T	Solid	8260B	
MB 220-55943/3	Method Blank	T	Solid	8260B	
220-16822-1	P4-S1	T	Solid	8260B	
220-16822-2	P4-BE	T	Solid	8260B	
220-16822-3	P4-BW	T	Solid	8260B	
220-16822-4	P4-NW	T	Solid	8260B	
220-16822-6	P4-N	T	Solid	8260B	
220-16822-7	P3-S2	T	Solid	8260B	
220-16822-8	P3-S1	T	Solid	8260B	
220-16822-9	P3-N1	T	Solid	8260B	
220-16822-10	P3-N2	T	Solid	8260B	
220-16822-11	DUPE	T	Solid	8260B	
Analysis Batch:220-55957					
LCS 220-55957/2	Lab Control Sample	T	Water	8260B	
MB 220-55957/3	Method Blank	T	Water	8260B	
220-16822-13TB	Trip Blank	T	Water	8260B	
Analysis Batch:220-55961					
LCS 220-55961/2	Lab Control Sample	T	Solid	8260B	
MB 220-55961/3	Method Blank	T	Solid	8260B	
220-16822-5	P4-NE	T	Solid	8260B	
220-16822-5DL	P4-NE	T	Solid	8260B	

Report Basis
T = Total

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:220-55938					
220-16822-1	P4-S1	T	Solid	Moisture	
220-16822-2	P4-BE	T	Solid	Moisture	
220-16822-3	P4-BW	T	Solid	Moisture	
220-16822-4	P4-NW	T	Solid	Moisture	
220-16822-5	P4-NE	T	Solid	Moisture	
220-16822-5DU	Duplicate	T	Solid	Moisture	
220-16822-6	P4-N	T	Solid	Moisture	
220-16822-7	P3-S2	T	Solid	Moisture	
220-16822-8	P3-S1	T	Solid	Moisture	
220-16822-9	P3-N1	T	Solid	Moisture	
220-16822-10	P3-N2	T	Solid	Moisture	
220-16822-11	DUPE	T	Solid	Moisture	

Report Basis
T = Total

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCA %Rec	BFB %Rec	DBFM %Rec	TOL %Rec
220-16822-1	P4-S1	88	64	76	71
220-16822-2	P4-BE	114	95	102	96
220-16822-3	P4-BW	89	58	78	71
220-16822-4	P4-NW	88	72	77	72
220-16822-5	P4-NE	132	163*	140*	161*
220-16822-5 DL	P4-NE DL	112	153*	119	117
220-16822-6	P4-N	102	84	88	86
220-16822-7	P3-S2	112	71	93	86
220-16822-8	P3-S1	91	77	78	76
220-16822-9	P3-N1	87	70	74	75
220-16822-10	P3-N2	115	83	98	88
220-16822-11	DUPE	106	77	87	84
MB 220-55943/3		125	123	111	110
MB 220-55961/3		105	113	111	98
LCS 220-55943/2		117	104	110	106
LCS 220-55961/2		91	115	93	104

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	59-132
BFB = 4-Bromofluorobenzene	34-124
DBFM = Dibromofluoromethane	59-123
TOL = Toluene-d8 (Surr)	50-118

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
220-16822-13	Trip Blank	90	94	89	74

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane	68-132
DCA = 1,2-Dichloroethane-d4 (Surr)	65-136
TOL = Toluene-d8 (Surr)	63-127
BFB = 4-Bromofluorobenzene	51-142

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec	BFB %Rec	DBFM %Rec	TOL %Rec
MB 220-55957/3		94	74	92	85
LCS 220-55957/2		85	75	91	86

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	65-136
BFB = 4-Bromofluorobenzene	51-142
DBFM = Dibromofluoromethane	68-132
TOL = Toluene-d8 (Surr)	63-127

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

Method Blank - Batch: 220-55943

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 220-55943/3	Analysis Batch:	220-55943	Instrument ID:	MSO
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O6136.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/14/2011 1429	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	11/14/2011 1429				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	5.0	U	0.35	5.0
Chloromethane	5.0	U	0.78	5.0
Vinyl chloride	5.0	U	0.23	5.0
Bromomethane	5.0	U	2.1	5.0
Chloroethane	5.0	U	0.98	5.0
Trichlorofluoromethane	5.0	U	0.15	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	0.79	5.0
1,1-Dichloroethene	5.0	U	0.58	5.0
Carbon disulfide	5.0	U	0.41	5.0
Acetone	20	U	2.2	20
Methylene Chloride	6.95	J	1.1	20
Methyl acetate	5.0	U	0.44	5.0
trans-1,2-Dichloroethene	5.0	U	0.39	5.0
1,1-Dichloroethane	5.0	U	0.30	5.0
cis-1,2-Dichloroethene	5.0	U	0.37	5.0
Chloroform	5.0	U	0.34	5.0
1,1,1-Trichloroethane	5.0	U	0.53	5.0
Methyl Ethyl Ketone	10	U	1.6	10
Cyclohexane	5.0	U	0.69	5.0
Carbon tetrachloride	5.0	U	0.95	5.0
Benzene	5.0	U	0.57	5.0
1,2-Dichloroethane	5.0	U	0.58	5.0
Trichloroethene	5.0	U	0.81	5.0
1,2-Dichloropropane	5.0	U	0.67	5.0
Bromodichloromethane	5.0	U	0.30	5.0
cis-1,3-Dichloropropene	5.0	U	0.56	5.0
methyl isobutyl ketone	5.0	U	0.55	5.0
Toluene	5.0	U	0.074	5.0
trans-1,3-Dichloropropene	5.0	U	0.27	5.0
1,1,2-Trichloroethane	5.0	U	0.37	5.0
Tetrachloroethene	5.0	U	0.81	5.0
2-Hexanone	10	U	1.2	10
Dibromochloromethane	5.0	U	0.35	5.0
Chlorobenzene	5.0	U	0.59	5.0
Ethylbenzene	5.0	U	0.70	5.0
Styrene	5.0	U	0.15	5.0
Bromoform	5.0	U	0.61	5.0
Isopropylbenzene	5.0	U	0.19	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.52	5.0
Xylenes, Total	5.0	U	0.49	5.0
1,3-Dichlorobenzene	5.0	U	0.21	5.0
1,4-Dichlorobenzene	5.0	U	0.67	5.0
1,2-Dichlorobenzene	5.0	U	0.24	5.0
1,2-Dibromo-3-Chloropropane	10	U	4.5	10
1,2,4-Trichlorobenzene	5.0	U	0.75	5.0

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

Method Blank - Batch: 220-55943

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 220-55943/3	Analysis Batch:	220-55943	Instrument ID:	MSO
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O6136.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/14/2011 1429	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	11/14/2011 1429				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,2-Dibromoethane	5.0	U	0.76	5.0
Methyl tert-butyl ether	5.0	U	0.21	5.0
Methylcyclohexane	5.0	U	0.33	5.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	125	59 - 132
4-Bromofluorobenzene	123	34 - 124
Dibromofluoromethane	111	59 - 123
Toluene-d8 (Surr)	110	50 - 118

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

Lab Control Sample - Batch: 220-55943

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 220-55943/2	Analysis Batch:	220-55943	Instrument ID:	MSO
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O6135.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/14/2011 1337	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	11/14/2011 1337				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	20.0	25.0	125	69 - 143	
Vinyl chloride	20.0	23.4	117	70 - 137	
Bromomethane	20.0	30.1	151	83 - 150	*
Chloroethane	20.0	30.6	153	54 - 150	*
1,1-Dichloroethene	20.0	20.3	101	80 - 144	
Carbon disulfide	20.0	19.9	99	80 - 142	
Acetone	20.0	28.2	141	80 - 150	
Methylene Chloride	20.0	19.7	98	68 - 147	J
trans-1,2-Dichloroethene	20.0	20.4	102	50 - 149	
1,1-Dichloroethane	20.0	20.6	103	78 - 130	
cis-1,2-Dichloroethene	20.0	20.0	100	80 - 122	
Chloroform	20.0	20.6	103	74 - 142	
1,1,1-Trichloroethane	20.0	20.9	104	80 - 136	
Methyl Ethyl Ketone	20.0	22.0	110	80 - 150	
Carbon tetrachloride	20.0	17.5	87	80 - 137	
Benzene	20.0	20.5	102	80 - 133	
1,2-Dichloroethane	20.0	20.9	105	76 - 130	
Trichloroethene	20.0	20.3	101	71 - 129	
1,2-Dichloropropane	20.0	21.0	105	78 - 127	
Bromodichloromethane	20.0	20.0	100	74 - 126	
methyl isobutyl ketone	20.0	20.8	104	74 - 136	
Toluene	20.0	18.7	93	65 - 121	
trans-1,3-Dichloropropene	20.0	20.1	100	61 - 126	
1,1,2-Trichloroethane	20.0	20.2	101	59 - 146	
Tetrachloroethene	20.0	18.1	90	67 - 120	
Dibromochloromethane	20.0	17.0	85	71 - 120	
Chlorobenzene	20.0	17.9	90	73 - 120	
Ethylbenzene	20.0	18.9	94	72 - 120	
Styrene	20.0	18.0	90	59 - 120	
Bromoform	20.0	16.8	84	65 - 120	
1,1,2,2-Tetrachloroethane	20.0	19.1	95	76 - 120	
Xylenes, Total	60.0	57.1	95	71 - 120	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117	59 - 132
4-Bromofluorobenzene	104	34 - 124
Dibromofluoromethane	110	59 - 123
Toluene-d8 (Surr)	106	50 - 118

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

Method Blank - Batch: 220-55957

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 220-55957/3	Analysis Batch:	220-55957	Instrument ID:	MSW
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	W6102.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/15/2011 1205	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/15/2011 1205				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	5.0	U	1.0	5.0
Chloromethane	5.0	U	1.1	5.0
Vinyl chloride	5.0	U	0.99	5.0
Bromomethane	5.0	U	2.1	5.0
Chloroethane	5.0	U	1.1	5.0
Trichlorofluoromethane	5.0	U	1.1	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	0.97	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
Carbon disulfide	5.0	U	0.90	5.0
Acetone	10	U	1.0	10
Methylene Chloride	1.17	J	0.78	5.0
Methyl acetate	5.0	U	0.48	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
Chloroform	5.0	U	0.67	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Cyclohexane	5.0	U	0.70	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Benzene	5.0	U	0.74	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
Trichloroethene	5.0	U	0.62	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
Bromodichloromethane	5.0	U	0.48	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
methyl isobutyl ketone	10	U	0.38	10
Toluene	5.0	U	0.72	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Tetrachloroethene	5.0	U	0.81	5.0
2-Hexanone	10	U	1.1	10
Dibromochloromethane	5.0	U	0.55	5.0
Chlorobenzene	5.0	U	0.72	5.0
Ethylbenzene	5.0	U	0.87	5.0
Styrene	5.0	U	0.64	5.0
Bromoform	5.0	U	0.46	5.0
Isopropylbenzene	5.0	U	0.85	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Xylenes, Total	5.0	U	2.3	5.0
1,3-Dichlorobenzene	5.0	U	0.14	5.0
1,4-Dichlorobenzene	5.0	U	0.59	5.0
1,2-Dichlorobenzene	5.0	U	0.22	5.0
1,2-Dibromo-3-Chloropropane	5.0	U	1.2	5.0
1,2,4-Trichlorobenzene	5.0	U	0.72	5.0

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

Method Blank - Batch: 220-55957

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 220-55957/3	Analysis Batch:	220-55957	Instrument ID:	MSW
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	W6102.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/15/2011 1205	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/15/2011 1205				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,2-Dibromoethane	5.0	U	0.52	5.0
Methyl tert-butyl ether	5.0	U	0.17	5.0
Methylcyclohexane	5.0	U	0.98	5.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	65 - 136
4-Bromofluorobenzene	74	51 - 142
Dibromofluoromethane	92	68 - 132
Toluene-d8 (Surr)	85	63 - 127

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

Lab Control Sample - Batch: 220-55957

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 220-55957/2	Analysis Batch:	220-55957	Instrument ID:	MSW
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	W6099.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/15/2011 1052	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/15/2011 1052				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	10.0	10.0	100	33 - 150	
Vinyl chloride	10.0	10.8	108	61 - 150	
Bromomethane	10.0	11.3	113	47 - 150	
Chloroethane	10.0	8.10	81	49 - 150	
1,1-Dichloroethene	10.0	8.88	89	65 - 142	
Carbon disulfide	10.0	8.72	87	55 - 150	
Acetone	10.0	11.5	115	41 - 150	
Methylene Chloride	10.0	7.17	72	56 - 138	
trans-1,2-Dichloroethene	10.0	8.99	90	58 - 120	
1,1-Dichloroethane	10.0	9.66	97	75 - 130	
cis-1,2-Dichloroethene	10.0	9.08	91	65 - 120	
Chloroform	10.0	8.71	87	77 - 126	
1,1,1-Trichloroethane	10.0	9.37	94	73 - 135	
Methyl Ethyl Ketone	10.0	9.75	97	42 - 150	J
Carbon tetrachloride	10.0	9.81	98	69 - 135	
Benzene	10.0	9.88	99	66 - 131	
1,2-Dichloroethane	10.0	10.0	100	73 - 127	
Trichloroethene	10.0	9.82	98	60 - 122	
1,2-Dichloropropane	10.0	10.1	101	69 - 129	
Bromodichloromethane	10.0	8.97	90	78 - 120	
methyl isobutyl ketone	10.0	8.85	88	70 - 122	J
Toluene	10.0	9.05	90	66 - 120	
trans-1,3-Dichloropropene	10.0	8.91	89	73 - 120	
1,1,2-Trichloroethane	10.0	9.64	96	76 - 125	
Tetrachloroethene	10.0	8.71	87	50 - 120	
Dibromochloromethane	10.0	8.65	87	75 - 120	
Chlorobenzene	10.0	9.19	92	68 - 120	
Ethylbenzene	10.0	8.93	89	62 - 120	
Styrene	10.0	7.95	80	47 - 120	
Bromoform	10.0	8.11	81	66 - 120	
1,1,2,2-Tetrachloroethane	10.0	9.14	91	75 - 124	
Xylenes, Total	30.0	25.3	84	58 - 120	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85	65 - 136
4-Bromofluorobenzene	75	51 - 142
Dibromofluoromethane	91	68 - 132
Toluene-d8 (Surr)	86	63 - 127

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

Method Blank - Batch: 220-55961

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 220-55961/3	Analysis Batch:	220-55961	Instrument ID:	MSV
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	V4718.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/16/2011 1150	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	11/16/2011 1150				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	5.0	U	0.35	5.0
Chloromethane	5.0	U	0.78	5.0
Vinyl chloride	5.0	U	0.23	5.0
Bromomethane	5.0	U	2.1	5.0
Chloroethane	5.0	U	0.98	5.0
Trichlorofluoromethane	5.0	U	0.15	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	0.79	5.0
1,1-Dichloroethene	5.0	U	0.58	5.0
Carbon disulfide	5.0	U	0.41	5.0
Acetone	20	U	2.2	20
Methylene Chloride	5.51	J	1.1	20
Methyl acetate	5.0	U	0.44	5.0
trans-1,2-Dichloroethene	5.0	U	0.39	5.0
1,1-Dichloroethane	5.0	U	0.30	5.0
cis-1,2-Dichloroethene	5.0	U	0.37	5.0
Chloroform	5.0	U	0.34	5.0
1,1,1-Trichloroethane	5.0	U	0.53	5.0
Methyl Ethyl Ketone	10	U	1.6	10
Cyclohexane	5.0	U	0.69	5.0
Carbon tetrachloride	5.0	U	0.95	5.0
Benzene	5.0	U	0.57	5.0
1,2-Dichloroethane	5.0	U	0.58	5.0
Trichloroethene	5.0	U	0.81	5.0
1,2-Dichloropropane	5.0	U	0.67	5.0
Bromodichloromethane	5.0	U	0.30	5.0
cis-1,3-Dichloropropene	5.0	U	0.56	5.0
methyl isobutyl ketone	5.0	U	0.55	5.0
Toluene	5.0	U	0.074	5.0
trans-1,3-Dichloropropene	5.0	U	0.27	5.0
1,1,2-Trichloroethane	5.0	U	0.37	5.0
Tetrachloroethene	5.0	U	0.81	5.0
2-Hexanone	10	U	1.2	10
Dibromochloromethane	5.0	U	0.35	5.0
Chlorobenzene	5.0	U	0.59	5.0
Ethylbenzene	5.0	U	0.70	5.0
Styrene	5.0	U	0.15	5.0
Bromoform	5.0	U	0.61	5.0
Isopropylbenzene	5.0	U	0.19	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.52	5.0
Xylenes, Total	5.0	U	0.49	5.0
1,3-Dichlorobenzene	5.0	U	0.21	5.0
1,4-Dichlorobenzene	5.0	U	0.67	5.0
1,2-Dichlorobenzene	5.0	U	0.24	5.0
1,2-Dibromo-3-Chloropropane	10	U	4.5	10
1,2,4-Trichlorobenzene	5.0	U	0.75	5.0

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

Method Blank - Batch: 220-55961

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 220-55961/3	Analysis Batch:	220-55961	Instrument ID:	MSV
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	V4718.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/16/2011 1150	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	11/16/2011 1150				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,2-Dibromoethane	5.0	U	0.76	5.0
Methyl tert-butyl ether	5.0	U	0.21	5.0
Methylcyclohexane	5.0	U	0.33	5.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105	59 - 132
4-Bromofluorobenzene	113	34 - 124
Dibromofluoromethane	111	59 - 123
Toluene-d8 (Surr)	98	50 - 118

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

Lab Control Sample - Batch: 220-55961

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 220-55961/2	Analysis Batch:	220-55961	Instrument ID:	MSV
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	V4715.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/16/2011 1025	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	11/16/2011 1025				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	20.0	22.5	112	69 - 143	
Vinyl chloride	20.0	23.3	117	70 - 137	
Bromomethane	20.0	21.2	106	83 - 150	
Chloroethane	20.0	21.8	109	54 - 150	
1,1-Dichloroethene	20.0	18.0	90	80 - 144	
Carbon disulfide	20.0	18.0	90	80 - 142	
Acetone	20.0	23.2	116	80 - 150	
Methylene Chloride	20.0	21.0	105	68 - 147	
trans-1,2-Dichloroethene	20.0	17.5	88	50 - 149	
1,1-Dichloroethane	20.0	18.1	91	78 - 130	
cis-1,2-Dichloroethene	20.0	18.6	93	80 - 122	
Chloroform	20.0	18.7	93	74 - 142	
1,1,1-Trichloroethane	20.0	18.4	92	80 - 136	
Methyl Ethyl Ketone	20.0	21.0	105	80 - 150	
Carbon tetrachloride	20.0	19.5	98	80 - 137	
Benzene	20.0	17.8	89	80 - 133	
1,2-Dichloroethane	20.0	19.2	96	76 - 130	
Trichloroethene	20.0	17.6	88	71 - 129	
1,2-Dichloropropane	20.0	17.9	90	78 - 127	
Bromodichloromethane	20.0	18.3	92	74 - 126	
methyl isobutyl ketone	20.0	18.4	92	74 - 136	
Toluene	20.0	18.4	92	65 - 121	
trans-1,3-Dichloropropene	20.0	17.1	86	61 - 126	
1,1,2-Trichloroethane	20.0	18.5	92	59 - 146	
Tetrachloroethene	20.0	19.0	95	67 - 120	
Dibromochloromethane	20.0	18.0	90	71 - 120	
Chlorobenzene	20.0	18.2	91	73 - 120	
Ethylbenzene	20.0	18.1	90	72 - 120	
Styrene	20.0	17.0	85	59 - 120	
Bromoform	20.0	18.0	90	65 - 120	
1,1,2,2-Tetrachloroethane	20.0	18.9	94	76 - 120	
Xylenes, Total	60.0	53.3	89	71 - 120	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91	59 - 132
4-Bromofluorobenzene	115	34 - 124
Dibromofluoromethane	93	59 - 123
Toluene-d8 (Surr)	104	50 - 118

Client: New York State D.E.C.

Job Number: 220-16822-1
Sdg Number:

Duplicate - Batch: 220-55938

Method: Moisture
Preparation: N/A

Lab Sample ID:	220-16822-5	Analysis Batch:	220-55938	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	11/14/2011 1426	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	33.5	35.1	5	20	
Percent Solids	66.5	64.9	3	20	

220-16822

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
ARCADIS/NYSDEC	Andy Vitolins/Todd Minehardt/NYSDEC George Momberger	11/10/11	207819
Address 855 Route 146 Suite 210	**Telephone Number (Area Code)/Fax Number** 518-750-7300	**Lab Number** CT	**Page** 1 of 2
City Clifton Park / **State** NY / **Zip Code** 12065	**Site Contact** Kelley Roe	**Lab Contact** Sally Hoffman	**Analysis (Attach list if more space is needed)**
Project Name and Location (State) Town Line Road Dump, Springport, NY	**Carrier/Waybill Number** drop at Syracuse CS		
Contract/Purchase Order/Quote No. Call Out ID: 120312 / ARCADIS PROJ # 00916392.0000			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	VOCs (8260B)	Special Instructions/ Conditions of Receipt
(1) P4-S1	11/10/11	0855				X	X						X	
(2) P4-BE	11/10/11	0915				X	X						X	
(3) P4-BW	11/10/11	0920				X	X						X	48 hr TAT
(4) P4-NW	11/10/11	0925				X	X						X	
(5) P4-NE	11/10/11	0930				X	X						X	
(5MS) P4-NE (MS)	11/10/11	0930				X	X						X	HOLD FOR
(5MSD) P4-NE (MSD)	11/10/11	0930				X	X						X	ANALYSIS *
(6) P4-N	11/10/11	0940				X	X						X	
(7) P3-S2	11/10/11	1045				X	X						X	
(8) P3-S1	11/10/11	1105				X	X						X	48 hr TAT
(9) P3-N1	11/10/11	1115				X	X						X	
(10) P3-N2	11/10/11	1125				X	X						X	

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Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☒ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)
* Please hold MS/MSD for analysis - will be notified 11/11/11

	Relinquished By	Date	Time	Received By	Date	Time
1	Kelley Roe	11/10/11	17:45	Renglish, SyR	11/10/11	17:45
2	Renglish	11/10/11	19:30	J.R.	11/12/11	13:15
3						

11/16/2011

Comments
passed rad screen
1.7°C Gun #3

DISTRIBUTION: WHITE - Returned to Client with Report: CANARY - Stays with the Sample: PINK - Field Copy

220-16822

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client: ARCADIS/NYSDEC	Project Manager: Andy Vitolins/Todd Minehardt/NYSDEC: George Momberger	Date: 11/10/11	Chain of Custody Number: 179941
Address: 855 Route 146 Suite 210	Telephone Number (Area Code)/Fax Number: 518-250-7300	Lab Number: CT	Page 2 of 2
City: Clifton Park / State: NY / Zip Code: 12065	Site Contact: Kelley Roe	Lab Contact: Sally Hoffman	Analysis (Attach list if more space is needed)
Project Name and Location (State): Town Line Dump, Springport, NY	Carrier/Waybill Number: drop at Syracuse CS		
Contract/Purchase Order/Quote No.: Callout ID: 120312 / ARCADIS Proj No# 00216392.0000			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Other	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Other	VOCs (8260B)	SVOCs (8270C)	Special Instructions/ Conditions of Receipt
(1) DUPE	11/10/11	0800				X		X							X		48 hr TAT
(2) POND-3	11/10/11	1230		X				(X)							X	X	HOLD FOR ANALYSIS* (*will notify 11/11/11 if to be analyzed — if so, STANDARD TAT)

Page 66 of 67

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☒ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other See Notes

QC Requirements (Specify): Per NYSDEC Contract & per Project Managers

	Relinquished By	Date	Time	Received By	Date	Time
1.	Kelley Roe	11/10/11	17:45	Rensselaer, Syr	11/10/11	17:45
2.	Rensselaer	11/10/11	19:00	J Pace	11/12/11	13:15
3.						

Comments: passed rad screen 1.7 °C Cx #3

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

11/16/2011

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 220-16822-1
SDG Number:

Login Number: 16822
List Number: 1
Creator: Teixeira, Maria L

List Source: TestAmerica Connecticut

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.7C Gun #3
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	False	See Narrative
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	