WATTS
ARCHITECTURE &
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architecture | engineering | environmental

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December 6, 2011

Mr. David Szuba, P.E.
New York State Office of Parks, Recreation and Historic Preservation
1 Prospect Park, P.O. Box 1132
Niagara Falls, New York 14303

Re: Limited Phase II Site Investigation
Construction Area for the Artpark Amphitheater Renovations

Dear Mr. Szuba:

Watts Architecture and Engineering, P.C. (Watts) was retained by the New York State Office of Parks, Recreation and Historic Preservation (NYSOPRHP) to conduct a Limited Phase II Site Investigation of the area where workers discovered fill materials comingled with soils. This area was investigated based on a complaint of unusual odors and a visual assessment of the soil and debris encountered during excavation and execution of amphitheater construction activities. The Phase II Site Investigation field activities were completed using a test pit excavation program to examine and collect subsurface soils for chemical laboratory analysis to determine the magnitude and extent of possible contamination in the soils in the construction area.

Test Pit Excavation Program

Watts provided environmental monitoring services for five test pit excavations completed from the surface ranging to a depth of approximately three feet below ground surface (bgs) to nine feet bgs. The five soil test pit excavations were located in areas that are scheduled to be excavated during construction and are identified on the attached figure. Watts completed the test pit excavation program on November 21, 2011.

Excavation of the test pits and soil sample retrieval was conducted by Cerrone Construction (Cerrone) under the direction of Watts' field geologist and a representative from the NYSOPRHP, Mr. John Dennee. The test pit excavations were completed by Cerrone using an onsite excavator. Soil samples were composited from various depths in each excavation and were concentrated from areas that had field indicators of contamination. Photographs of the test pit excavation activities are attached to this letter.

Soil and debris from each excavation was screened for volatile organic vapors with a photoionization detector (PID) and observed for any evidence of contamination (odor, staining, etc.). There was a PID detection of 14 ppm in materials recovered from test pit TP-3. No other PID detections were recorded from the other test pit locations.

In addition, a strong odor was detected from test pit TP-3 during excavation. Slight odors were also detected from test pit TP-1. The odor seemed to be petroleum based and may have also been represented by a sheen identified on top of the groundwater that was seeping into the excavation of test pits TP-1 and TP-3. These odors dispersed over time and were only strong during the active excavation of debris and soils.

In general, subsurface conditions in the vicinity of test pits TP-1 and TP-2 consisted of soil and gravel mixed in with landfill and urban debris. The debris component of the fill materials consisted of large blocks of sulfer, black cinder and ash and other colored layers of unidentified materials. This material was comingled with wood, pipes, bottles, construction debris and other urban fill. Test pit excavations TP-1 and TP-2 were only completed to approximately 4 feet below ground surface because bedrock was encountered. A sample was collected from both of these test pits for laboratory analysis.

The materials encountered in test pit TP-3 consisted of wood, bricks, pipes, and other urban fill. This excavation was completed to approximately 9 feet bgs where a strong odor was detected and a sheen was observed on the water seeping into the excavation. In addition, there was an unidentified white material found in this test pit. The subsurface conditions near test pit TP-4 consisted of sand and gravel with large cobbles and boulders mixed in with a small amount of urban fill. The fill consisted of cinders, pipes and wood. A sample was collected from both of these test pits for laboratory analysis.

No sample was collected from test pit TP-5 since no fill was detected and bedrock was located at a depth of approximately 3.5 feet bgs.

Laboratory Testing Program

After collecting the samples, the soils were immediately packed in pre-cleaned laboratory supplied containers, placed in a cooler on ice and prepared for pickup by the laboratory. Samples collected by Watts were analyzed by Alpha Analytical in Westborough, Massachusetts. Alpha Analytical is a New York State Department of Health (NYSDOH) approved laboratory and a participant in the National Voluntary Laboratory Approval Program (NVLAP). The samples were picked up by the laboratory the same day they were collected (see attached chain of custody form). The samples from all test pit excavations were analyzed for volatiles 8260B, semi-volatiles 8270C, organochlorine pesticides 8081A, chlorinated herbicides 8151A, metals 6010B, mercury 7471A, and polychlorinated biphenyls (PCB's) 8082. The results were all run on a expedited 5-business day turnaround time with the exception of PCBs which needed to be reanalyzed and therefore did not meet this deadline.

The table attached to this letter identifies only the semi-volatile organic compounds, PCB's and metals that were detected in the laboratory analysis at or above the unrestricted use soil cleanup objectives. No volatile organic compounds, pesticides or herbicides were detected above these objectives in any of the soil samples. Some of the compounds shown were detected at or near the laboratory reporting limit (rl) which is the limit at which the laboratory can accurately identify a compound and its concentration. Many samples were reported at somewhat elevated detection limits due to dilutions required by the sample matrices and their matrix interferences. Therefore, while these compounds are reported many are qualified with a "J" or "E" for an estimated concentration.

The laboratory results indicate that several semi-volatile compounds, PCBs and metals were detected at a concentration above the limits found in 6NYCCR Part 375 Environmental Remediation Program for unrestricted use soil cleanup objectives. The NYSDEC Soil Cleanup Objectives include three types of individual soil reuse categories including Protection of Groundwater, Protection of Ecological resources, and Protection of Public Health. The Unrestricted Soil Cleanup Objective is based on the selection of the most stringent and restrictive value of these three different categories of soil reuse. This is the most restrictive criteria.

Several compounds also exceeded the residential and restricted residential soil cleanup objectives. These compounds included several semi-volatile organics (benzo(a)pyrene, benzo(b)fluoranthane, and indeno(1,2,3-cd)pyrene), several metals (notably lead and mercury), and PCBs (which exceeded a 1 part per million (ppm) aggregate limit).

From our review, only total PCBs (1.3 and 1.387 ppm vs a 1.0 ppm limit), benzo(a)pyrene (1.0 ppm vs a 1.0 ppm limit), lead (1200 ppm vs a 1000 ppm limit) and copper (400 ppm vs a 270 ppm limit) exceeded the commercial soil cleanup values.

None of the detected compounds exceeded the industrial soil cleanup objective limits. These limits were not included in the report for comparison.

Based upon the analytical results, at a minimum the fill would be considered a solid waste if removed from the site and will require disposal in a NYSDEC Part 360 solid waste landfill as a construction and demolition (C&D) waste stream if it cannot be reused at the site. Any areas at the site which may be designed and constructed for use as recreational green space and that do not have an impervious surface layer (i.e., asphalt, concrete, etc.) should be constructed as follows:

- Excavate two feet down and remove the existing fill;
- Place a demarcation layer at the bottom of the excavation. An example is a geotextile;
- Backfill with documented clean clay soils compacted in 6-inch lifts;
- Complete with documented clean top soil to the finish grade;
- Finish with grass or other surface material (mulch, rubber pellets, sand, etc.).

Any excess fill materials that are generated and cannot be reused on-site should be tested using Resource Conservation and Recovery Act (RCRA) Toxicity Characteristic Leaching Procedures (TCLP) for toxicity by the contractor to confirm disposal requirements and restrictions. Soils that pass TCLP analysis can be properly disposed in a licensed Part 360 solid waste/C&D landfill. Soils that fail TCLP analysis would be considered hazardous waste and require disposal in a hazardous waste landfill. From the analyses already completed it is mathematically possible that fill from some areas may fail TCLP analysis for lead. A designation as a hazardous waste will significantly increase excavation, handling, transport and disposal costs. In addition, this designation will require that an US EPA hazardous waste identification number be obtained from the federal government and implementation of a variety of the reporting requirements.

For development of project costs, a conservative approach would assume that any soils requiring excavation should be considered a solid waste and will require disposal in a landfill since the composition of this material may be unsuitable for reuse whether any signs of contamination are present or not.

Any contractor working with these materials must adequately protect his employees per the Occupational and Safety Health Administration (OSHA) regulations. A four gas/PID meter should be used during excavation by the workers closest to and/or in direct contact with any fill or debris. At a minimum, personal protective measures for workers in proximity or contact with these materials should include the following equipment:

- Full face air purifying respirator with organic vapor/acid gas/HEPA particulate combination cartridge;
- Inner and outer chemical resistant gloves;
- Tyvek suit and rubber overboots;

- Hard hat and safety gloves.

In addition, the contractor should develop a work plan document that includes a health and safety plan for this project.

If you should have any questions or require any additional information, please feel free to contact me at (716) 206-5134 or Andy Klimek at 206-5120.

Sincerely,

WATTS ARCHITECTURE & ENGINEERING, P.C.

Michael Gerber, R.G.
Senior Geologist

Attachments – Maps and Field Notes, Photographs, and Soil Sampling Laboratory Analytical Results

TABLE 1
Test Pit Excavation Soil Sample Analytical Results, as compared to NYSDEC Part 375-6 Soil Cleanup Objectives.

Sample ID	TP-1	TP-2	TP-3	TP-4	Unrestricted Use Soil Cleanup Objectives (mg/kg)	Restricted Use Soil Cleanup Objectives: Residential/ Commercial (mg/kg)
Sample Date	11/21/2011	11/21/2011	11/21/2011	11/21/2011		
Analyte	Detected Concentration					
Semi Volatile Organic Compounds (mg/kg)						
Benzo(a)pyrene	ND	ND	ND	**1.0**	1.0	1.0 / 1.0
Benzo(b)fluoranthene	ND	ND	0.69	**1.6**	1.0	1.0 / 5.6
Indeno(1,2,3-cd)Pyrene	ND	ND	**0.56J**	**1.0**	0.5	0.5 / 5.6
PCBs (mg/kg)						
Aroclor 1254	ND	**0.501**	**1.3**	**0.786**	0.1	1.0 / 1.0
Aroclor 1260	ND	ND	ND	**0.601**	0.1	1.0 / 1.0
Metals (mg/kg)						
Cobalt	9	1	**42***	10	-	30 / -
Copper	**400***	42	71	27	50	270 / 270
Iron	**23,000***	**8,200***	**26,000***	**19,000***	-	2,000 / -
Lead	**110**	**500**	**1200**	62	63	400 / 1,000
Mercury	0.1J	**1.7**	0.11U	**0.29**	0.18	0.81 / 2.8
Nickel	27	19	**200**	25	30	140 / 310
Zinc	60	30	**220**	100	**109**	2,200 / 10,000

- • Reference Standard based on NYSDEC Chapter IV, Subpart 375-6 Remedial Program Soil Cleanup Objectives.
- BOLD - Results are above the Unrestricted Use Soil Cleanup Objective for that compound.
- J- Estimated value – analyte was identified below the sample reporting limit.
- * These metals were detected above the Restricted Residential Use Soil Cleanup Objective.

Site Map and Field Notes

11-21-11 **Artpark Soil Sampling**

Cold, cloudy 34°F.

1045 Arrive on site, call John Dennee with NYS Parks.
Cerrone on site continuing to work.

1150 John Dennee on site, will go over sampling protocal.
- Will collect 5 samples from location where greatest threat of impact.
Large blocks of Sulfur found in area.

TP-1 = Deadman, pit has a slight sheen, also an odor, appears to be stagnant water. There are layers of material, different colors, yellow, green, black.
- PID meter = 0-3.0 ppm from pit.
- Collected 3 samples of material from excavation. 0'-5'.

TP-2- excavation is full of debris, Sulfer, wood, brick, other construction debris. Very little H_2O in pit.
- PID meter = 0.00 ppm No units.
- collected 3 samples from pit 0'-4'
- line excavation.

Artpark Soil Sampling

12:00 - Carmine takes lunch.

12:30 Mob over to TP-3 location. 18" Storm sewer pipe location to 13 ft. down.

Material excavated: = Lots of wood boards + debris, plastic, soil and gravel.

- Lots of debris, there is a strong creosol odor coming from liquid flowing into pit at ~ 8 ft. 9inches.

- Sampled material, took pictures and PID the stuff. No hits on PID meter.

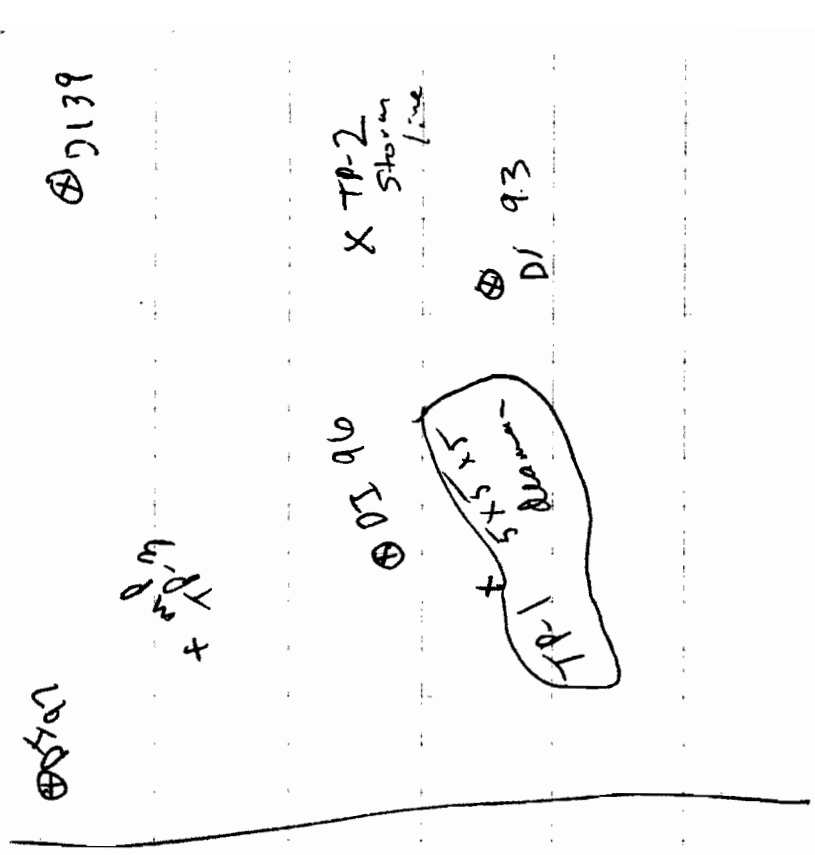
1330 TP-4

Mob over to TP-4, and begin digging for hydrant.

Material: Top 2' ft excavated included soil, gravel and some larger boulders.

4' ft bgs, beginning to uncover wood, brick and other debris.

Completed TP-4 to 6" ft bgs.



1400 - Mob down hill on east side of indoor amphitheater.
TP-5 is along brick road directly across from stairway leading to parking lot (lower).
TP-5 is downslope of TP-4.
Structure is 13 ft deep.

TP-5

1420 - Excavate rock and gravel. Could only get to 4.5 ft bgs due to bedrock. No fill material (landfill). Only crushed stone for nearby storm sewer line and chunks of bedrock.
- No Sampling of materials.
- PID = 0.00 in excavation.

1430 - PID the bagged contents from TP-1 - TP-4.

TP-1 - 0.00
TP-2 - 0.00 = CO = 10 ppm
TP-3 - 14.0 = CO = 8 ppm
TP-4 - 0.00

1500 = Pack all samples, load equipment + materials, return to office for sample pickup.

Photographs

SITE IMPROVEMENT NOTES:

1. CHAIN LINK FENCE, 6-FOOT HEIGHT WITH TOP AND BOTTOM RAIL; RE: 19, L502.
2. CHAIN LINK FENCE, 6-FOOT HEIGHT WITH TOP TENSION WIRE AND BOTTOM RAIL; RE: 19, L502.
3. DOUBLE LEAF SWING GATE, 10-FOOT WIDTH, WITH KEEPER AND LOCKING HARDWARE; RE: 19, L502
4. DOUBLE LEAF SWING GATE, 12-FOOT WIDTH, WITH KEEPER AND LOCKING HARDWARE; RE: 19, L502
5. DOUBLE LEAF SWING GATE, NN-FOOT WIDTH, WITH KEEPER AND LOCKING HARDWARE; RE: 19, L502.
6. LOCATION OF FENCE IS APPROXIMATE. OWNER'S REPRESENTATIVE WILL DETERMINE FINAL LOCATION TO LIMIT DISTURBANCE TO EXISTING TREES
7. REFER TO SHEET L205 FOR CONTINUATION OF FENCE.
8. REMOVE AND REPLACE THIRTY-SIX (36) 2X12 WOOD RETAINING WALL BOARDS WITHIN THE RETAINING WALL TO REMAIN; CONTRACTOR SHALL EXCAVATE BEHIND BOARDS, REMOVE DAMAGED BOARDS AND REPLACE WITH 2X12 P.T BOARDS CUT TO FIT BETWEEN EXISTING STEEL PILES AND BACKFILL WITH EXCAVATED MATERIAL; OWNER'S REPRESENTATIVE WILL IDENTIFY THE BOARDS TO BE REPLACED.
9. SPONSOR BILLBOARD. RE: 20, L502.

TP-1
TP-2
TP-3
TP-4
TP-5

BM: 1512
BM: 24

GREEN ROOM
STORAGE A FFE 371.84
RECORDS TRAILER W/ CANOPY (M.C.)
CONCESSION C FFE 382.49
ELEC FFE 385.15
PETROGLYPH BLDG
STONE WALL
STONE

SITE PLAN
SCALE: 1"=20'
0 10 20 40

ARTPARK & CO.
450 South 4th St.
Lewiston, New York 14092

ARTPARK OUTDOOR AMPHITHEATER

wendel

BBA VENUE DESIGN STUDIO

NO.	REVISIONS	DATE

DRC. FILE

SITE LAYOUT PLAN

DATE AUGUST 5, 2011
SCALE AS NOTED
DRN. PMH CHK. JC
PROJ. No. 1410.018
DWG. No.

L202

Photo 1: Photo of material excavated from test pit TP-2 looking north.

Photo 2: Photo of sulfer and other debris uncovered in test pit TP-2.

Photo 3: Photo of test pit TP-1 excavation where sample was collected alona sidewall.

Photo 4: Close up view of test pit TP-2 showing the sheen on water in excavation and layered materials in sidewall.

Photo 5: Photo of sheen on water seeping into excavation in test pit TP-3.

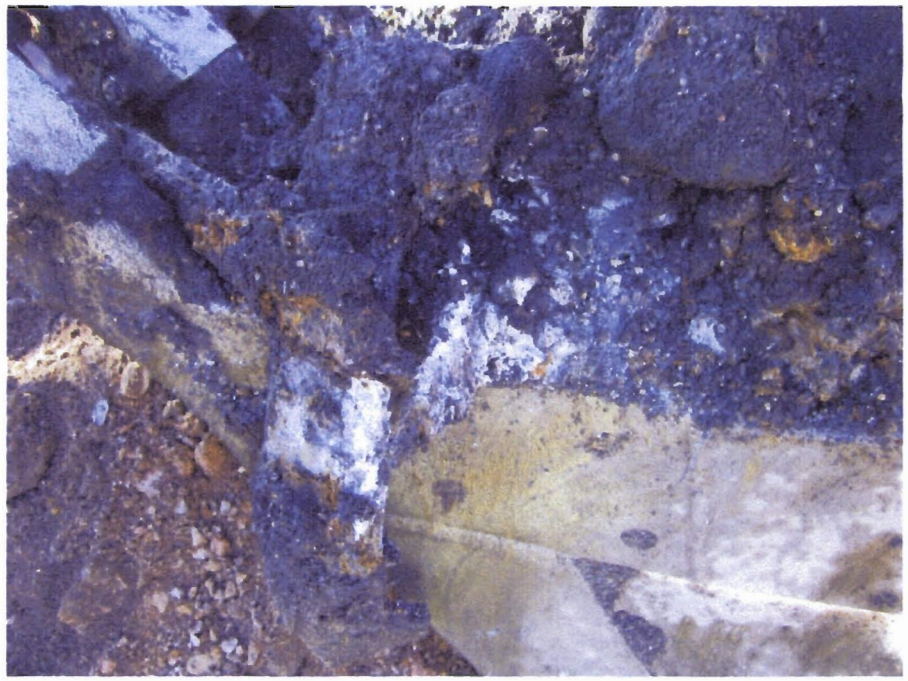


Photo 6: Close up view of material in bucket from test pit TP-3.

Photo 7: Photo of saturated debris including wood, pipes and other materials from test pit TP-3.

Photo 8: Photo of materials excavated from test pit TP-4.

Soil Sampling Laboratory Analytical Results

ALPHA ANALYTICAL

ANALYTICAL REPORT

Lab Number:	L1119564
Client:	Watts Architecture & Engineering P.C 95 Perry Street Suite 300 Buffalo, NY 14203
ATTN:	Andrew Klimek
Phone:	(716) 206-5100
Project Name:	ARTPARK
Project Number:	Y8057.20
Report Date:	11/30/11

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: ARTPARK
Project Number: Y8057.20

Lab Number: L1119564
Report Date: 11/30/11

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1119564-01	TP-1	LEWISTON, NY	11/21/11 11:00
L1119564-02	TP-2	LEWISTON, NY	11/21/11 11:45
L1119564-03	TP-3	LEWISTON, NY	11/21/11 12:30
L1119564-04	TP-4	LEWISTON, NY	11/21/11 13:15

Project Name: ARTPARK
Project Number: Y8057.20

Lab Number: L1119564
Report Date: 11/30/11

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

For additional information, please contact Client Services at 800-624-9220.

Report Submission

This final report replaces the partial report issued November 29, 2011, and includes the results of all requested analyses.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

The samples were analyzed for Hexavalent Chromium at the client's request.

Volatile Organics

L1119564-03 has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

Project Name: ARTPARK **Lab Number:** L1119564
Project Number: Y8057.20 **Report Date:** 11/30/11

Case Narrative (continued)

Semivolatile Organics

L1119564-01 and -04 have elevated detection limits due to the dilutions required by the sample matrices (extracts were dark and viscous).

L1119564-02 has elevated detection limits due to the dilution required by the matrix interferences encountered during the concentration of the sample and the analytical dilution required by the sample matrix (extract was dark and viscous).

L1119564-03 has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L1119564-03 was re-analyzed on dilution in order to quantitate the sample within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial analysis. The re-analysis was performed only for the compound that exceeded the calibration range.

The WG504206-3 LCSD recovery, associated with L1119564-01 through -04, was above the acceptance criteria for 2,4-Dinitrotoluene (92%); however, the associated samples were non-detect for this target compound. The results of the original analysis are reported.

PCB

The surrogate recovery for L1119564-01 is above the acceptance criteria for Decachlorobiphenyl (206%). Since the sample was non-detect for all target analytes, re-analysis was not required.

L1119564-02 has elevated detection limits due to the dilution required by matrix interferences encountered during the concentration of the sample.

L1119564-03 has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

The surrogate recoveries for L1119564-03 and -04 are below the acceptance criteria for 2,4,5,6-Tetrachloro-m-xylene and Decachlorobiphenyl (all 0%) due to the dilutions required to quantitate the samples. Re-extraction was not required; therefore, the results of the original analyses are reported.

L1119564-04 has elevated detection limits due to the dilution required by the matrix interferences encountered

Project Name:	ARTPARK	**Lab Number:**	L1119564
Project Number:	Y8057.20	**Report Date:**	11/30/11

Case Narrative (continued)

during the concentration of the sample and the analytical dilution required by the target compounds present in the sample.

Pesticides

L1119564-02 and -04 have elevated detection limits due to the dilutions required by the sample matrices.
The dual column RPD for L1119564-02 is above the acceptance criteria for Lindane; however, no obvious column interferences are present. The higher of the two results is reported and qualified with a "P".
The surrogate recovery for L1119564-02 is above the individual acceptance criteria for Decachlorobiphenyl (156%), but within the overall method allowances.
L1119564-03 has elevated detection limits due to the dilution required by the sample matrix (extract was yellow).
The surrogate recoveries for L1119564-03 are above the acceptance criteria for 2,4,5,6-Tetrachloro-m-xylene (408%/719%). Since the sample was non-detect for all target analytes, re-analysis was not required.
The surrogate recoveries for L1119564-04 are outside the acceptance criteria for Decachlorobiphenyl (698%/669%); however, the sample was not re-extracted due to coelution present in the sample. A copy of the chromatogram is included as an attachment to this report.

Herbicides

L1119564-02 and -04 have elevated detection limits due to the dilutions required by the sample matrices.
The surrogate recoveries for L1119564-02 and -04 are below the acceptance criteria for DCAA (all 0%) due to the dilutions required to quantitate the samples. Re-extraction was not required; therefore, the results of the original analyses are reported.

Metals

L1119564-01 through -03 have elevated detection limits for all elements, except Mercury, due to the dilutions required by the sample matrices.
L1119564-04 has elevated detection limits for all elements, except Calcium and Mercury, due to the dilution required by the sample matrix.

Project Name:	ARTPARK	**Lab Number:**	L1119564
Project Number:	Y8057.20	**Report Date:**	11/30/11

Case Narrative (continued)

L1119564-04 has an elevated detection limit for Calcium due to the dilution required to quantitate the result within the calibration range.

The WG504859-4 MS recovery, performed on L1119564-04, is above the acceptance criteria for Mercury (397%). A post digestion spike was performed with an acceptable recovery of 104%.

The WG504859-3 Laboratory Duplicate RPD, performed on L1119564-04, is outside the acceptance criteria for Mercury (37%). The elevated RPD has been attributed to the non-homogeneous nature of the sample utilized for the Laboratory Duplicate.

Chromium, Hexavalent

L1119564-02 and -04 have elevated detection limits due to the dilutions required by the sample matrices.

Cyanide, Total

L1119564-04 has an elevated detection limit due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Lisa Westerlind

Title: Technical Director/Representative Date: 11/30/11

ORGANICS

VOLATILES

Project Name: ARTPARK
Lab Number: L1119564
Project Number: Y8057.20
Report Date: 11/30/11

SAMPLE RESULTS

Lab ID:	L1119564-01	Date Collected:	11/21/11 11:00
Client ID:	TP-1	Date Received:	11/22/11
Sample Location:	LEWISTON, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260B		
Analytical Date:	11/24/11 07:48		
Analyst:	BN		
Percent Solids:	77%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	32	2.6	1
1,1-Dichloroethane	ND		ug/kg	4.9	0.96	1
Chloroform	3.4	J	ug/kg	4.9	1.0	1
Carbon tetrachloride	ND		ug/kg	3.2	0.68	1
1,2-Dichloropropane	ND		ug/kg	11	0.83	1
Dibromochloromethane	ND		ug/kg	3.2	1.0	1
1,1,2-Trichloroethane	ND		ug/kg	4.9	1.3	1
Tetrachloroethene	93		ug/kg	3.2	0.99	1
Chlorobenzene	ND		ug/kg	3.2	0.60	1
Trichlorofluoromethane	ND		ug/kg	16	1.3	1
1,2-Dichloroethane	ND		ug/kg	3.2	0.74	1
1,1,1-Trichloroethane	ND		ug/kg	3.2	0.88	1
Bromodichloromethane	ND		ug/kg	3.2	1.2	1
trans-1,3-Dichloropropene	ND		ug/kg	3.2	0.98	1
cis-1,3-Dichloropropene	ND		ug/kg	3.2	0.87	1
1,1-Dichloropropene	ND		ug/kg	16	1.5	1
Bromoform	ND		ug/kg	13	1.6	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	3.2	0.78	1
Benzene	ND		ug/kg	3.2	0.96	1
Toluene	ND		ug/kg	4.9	0.78	1
Ethylbenzene	5.3		ug/kg	3.2	0.72	1
Chloromethane	ND		ug/kg	16	2.5	1
Bromomethane	ND		ug/kg	6.5	2.1	1
Vinyl chloride	ND		ug/kg	6.5	2.4	1
Chloroethane	ND		ug/kg	6.5	1.4	1
1,1-Dichloroethene	ND		ug/kg	3.2	0.84	1
trans-1,2-Dichloroethene	ND		ug/kg	4.9	1.3	1
Trichloroethene	2.6	J	ug/kg	3.2	0.73	1
1,2-Dichlorobenzene	ND		ug/kg	16	1.2	1
1,3-Dichlorobenzene	ND		ug/kg	16	1.3	1
1,4-Dichlorobenzene	ND		ug/kg	16	1.4	1

Project Name: ARTPARK **Lab Number:** L1119564

Project Number: Y8057.20 **Report Date:** 11/30/11

SAMPLE RESULTS

Lab ID: L1119564-01 Date Collected: 11/21/11 11:00

Client ID: TP-1 Date Received: 11/22/11

Sample Location: LEWISTON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	6.5	1.6	1
p/m-Xylene	24		ug/kg	6.5	1.4	1
o-Xylene	7.8		ug/kg	6.5	1.4	1
cis-1,2-Dichloroethene	ND		ug/kg	3.2	0.98	1
Dibromomethane	ND		ug/kg	32	1.4	1
Styrene	ND		ug/kg	6.5	2.4	1
Dichlorodifluoromethane	ND		ug/kg	32	1.3	1
Acetone	ND		ug/kg	32	10.	1
Carbon disulfide	ND		ug/kg	32	1.2	1
2-Butanone	ND		ug/kg	32	12.	1
Vinyl acetate	ND		ug/kg	32	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	32	2.6	1
1,2,3-Trichloropropane	ND		ug/kg	32	1.2	1
2-Hexanone	ND		ug/kg	32	1.3	1
Bromochloromethane	ND		ug/kg	16	0.98	1
2,2-Dichloropropane	ND		ug/kg	16	2.6	1
1,2-Dibromoethane	ND		ug/kg	13	1.3	1
1,3-Dichloropropane	ND		ug/kg	16	1.8	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	3.2	1.1	1
Bromobenzene	ND		ug/kg	16	0.71	1
n-Butylbenzene	ND		ug/kg	3.2	1.0	1
sec-Butylbenzene	1.3	J	ug/kg	3.2	0.89	1
tert-Butylbenzene	ND		ug/kg	16	2.0	1
o-Chlorotoluene	ND		ug/kg	16	1.0	1
p-Chlorotoluene	ND		ug/kg	16	1.2	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	16	2.7	1
Hexachlorobutadiene	10	J	ug/kg	16	1.5	1
Isopropylbenzene	1.0	J	ug/kg	3.2	0.57	1
p-Isopropyltoluene	3.2		ug/kg	3.2	0.89	1
Naphthalene	5.7	J	ug/kg	16	2.5	1
Acrylonitrile	ND		ug/kg	32	1.2	1
n-Propylbenzene	2.3	J	ug/kg	3.2	0.92	1
1,2,3-Trichlorobenzene	ND		ug/kg	16	1.3	1
1,2,4-Trichlorobenzene	3.6	J	ug/kg	16	2.6	1
1,3,5-Trimethylbenzene	4.5	J	ug/kg	16	2.0	1
1,2,4-Trimethylbenzene	9.1	J	ug/kg	16	1.9	1
1,4-Dioxane	ND		ug/kg	320	56.	1
1,4-Diethylbenzene	ND		ug/kg	13	0.65	1
4-Ethyltoluene	5.7	J	ug/kg	13	0.31	1

Project Name: ARTPARK **Lab Number:** L1119564

Project Number: Y8057.20 **Report Date:** 11/30/11

SAMPLE RESULTS

Lab ID: L1119564-01 Date Collected: 11/21/11 11:00

Client ID: TP-1 Date Received: 11/22/11

Sample Location: LEWISTON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4,5-Tetramethylbenzene	1.7	J	ug/kg	13	0.59	1
Ethyl ether	ND		ug/kg	16	1.2	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	16	4.8	1
Tentatively Identified Compounds						
Unknown	64	J	ug/kg			1
Unknown	86	J	ug/kg			1
Unknown	65	J	ug/kg			1
Unknown	110	J	ug/kg			1
Unknown	110	J	ug/kg			1
Unknown	82	J	ug/kg			1
Unknown	170	J	ug/kg			1
Unknown	76	J	ug/kg			1
Unknown	240	J	ug/kg			1
Unknown	110	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	103		70-130

Project Name: ARTPARK **Lab Number:** L1119564

Project Number: Y8057.20 **Report Date:** 11/30/11

SAMPLE RESULTS

Lab ID:	L1119564-02	Date Collected:	11/21/11 11:45
Client ID:	TP-2	Date Received:	11/22/11
Sample Location:	LEWISTON, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260B		
Analytical Date:	11/24/11 08:23		
Analyst:	BN		
Percent Solids:	79%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	32	2.6	1
1,1-Dichloroethane	ND		ug/kg	4.7	0.93	1
Chloroform	ND		ug/kg	4.7	1.0	1
Carbon tetrachloride	ND		ug/kg	3.2	0.67	1
1,2-Dichloropropane	ND		ug/kg	11	0.81	1
Dibromochloromethane	ND		ug/kg	3.2	0.97	1
1,1,2-Trichloroethane	ND		ug/kg	4.7	1.2	1
Tetrachloroethene	25		ug/kg	3.2	0.97	1
Chlorobenzene	ND		ug/kg	3.2	0.59	1
Trichlorofluoromethane	ND		ug/kg	16	1.2	1
1,2-Dichloroethane	ND		ug/kg	3.2	0.72	1
1,1,1-Trichloroethane	ND		ug/kg	3.2	0.85	1
Bromodichloromethane	ND		ug/kg	3.2	1.2	1
trans-1,3-Dichloropropene	ND		ug/kg	3.2	0.95	1
cis-1,3-Dichloropropene	ND		ug/kg	3.2	0.84	1
1,1-Dichloropropene	ND		ug/kg	16	1.4	1
Bromoform	ND		ug/kg	13	1.6	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	3.2	0.76	1
Benzene	ND		ug/kg	3.2	0.94	1
Toluene	ND		ug/kg	4.7	0.76	1
Ethylbenzene	ND		ug/kg	3.2	0.70	1
Chloromethane	ND		ug/kg	16	2.5	1
Bromomethane	ND		ug/kg	6.3	2.0	1
Vinyl chloride	ND		ug/kg	6.3	2.4	1
Chloroethane	ND		ug/kg	6.3	1.4	1
1,1-Dichloroethene	ND		ug/kg	3.2	0.82	1
trans-1,2-Dichloroethene	ND		ug/kg	4.7	1.2	1
Trichloroethene	ND		ug/kg	3.2	0.71	1
1,2-Dichlorobenzene	ND		ug/kg	16	1.2	1
1,3-Dichlorobenzene	ND		ug/kg	16	1.3	1
1,4-Dichlorobenzene	ND		ug/kg	16	1.3	1

Project Name: ARTPARK **Lab Number:** L1119564

Project Number: Y8057.20 **Report Date:** 11/30/11

SAMPLE RESULTS

Lab ID: L1119564-02 Date Collected: 11/21/11 11:45

Client ID: TP-2 Date Received: 11/22/11

Sample Location: LEWISTON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	6.3	1.5	1
p/m-Xylene	ND		ug/kg	6.3	1.4	1
o-Xylene	ND		ug/kg	6.3	1.3	1
cis-1,2-Dichloroethene	ND		ug/kg	3.2	0.95	1
Dibromomethane	ND		ug/kg	32	1.4	1
Styrene	ND		ug/kg	6.3	2.3	1
Dichlorodifluoromethane	ND		ug/kg	32	1.2	1
Acetone	ND		ug/kg	32	10.	1
Carbon disulfide	ND		ug/kg	32	1.2	1
2-Butanone	ND		ug/kg	32	12.	1
Vinyl acetate	ND		ug/kg	32	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	32	2.6	1
1,2,3-Trichloropropane	ND		ug/kg	32	1.2	1
2-Hexanone	ND		ug/kg	32	1.2	1
Bromochloromethane	ND		ug/kg	16	0.96	1
2,2-Dichloropropane	ND		ug/kg	16	2.5	1
1,2-Dibromoethane	ND		ug/kg	13	1.3	1
1,3-Dichloropropane	ND		ug/kg	16	1.8	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	3.2	1.0	1
Bromobenzene	ND		ug/kg	16	0.70	1
n-Butylbenzene	ND		ug/kg	3.2	0.99	1
sec-Butylbenzene	ND		ug/kg	3.2	0.87	1
tert-Butylbenzene	ND		ug/kg	16	1.9	1
o-Chlorotoluene	ND		ug/kg	16	0.99	1
p-Chlorotoluene	ND		ug/kg	16	1.1	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	16	2.6	1
Hexachlorobutadiene	14	J	ug/kg	16	1.4	1
Isopropylbenzene	ND		ug/kg	3.2	0.56	1
p-Isopropyltoluene	ND		ug/kg	3.2	0.86	1
Naphthalene	ND		ug/kg	16	2.4	1
Acrylonitrile	ND		ug/kg	32	1.2	1
n-Propylbenzene	ND		ug/kg	3.2	0.90	1
1,2,3-Trichlorobenzene	ND		ug/kg	16	1.3	1
1,2,4-Trichlorobenzene	ND		ug/kg	16	2.5	1
1,3,5-Trimethylbenzene	ND		ug/kg	16	1.9	1
1,2,4-Trimethylbenzene	ND		ug/kg	16	1.8	1
1,4-Dioxane	ND		ug/kg	320	55.	1
1,4-Diethylbenzene	ND		ug/kg	13	0.63	1
4-Ethyltoluene	ND		ug/kg	13	0.31	1

Project Name: ARTPARK **Lab Number:** L1119564

Project Number: Y8057.20 **Report Date:** 11/30/11

SAMPLE RESULTS

Lab ID: L1119564-02 Date Collected: 11/21/11 11:45

Client ID: TP-2 Date Received: 11/22/11

Sample Location: LEWISTON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	13	0.57	1
Ethyl ether	ND		ug/kg	16	1.2	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	16	4.7	1
Tentatively Identified Compounds						
Unknown	14	J	ug/kg			1
Unknown	12	J	ug/kg			1
Unknown	12	J	ug/kg			1
Unknown	14	J	ug/kg			1
Unknown	19	J	ug/kg			1
Unknown	12	J	ug/kg			1
Unknown	12	J	ug/kg			1
Unknown	12	J	ug/kg			1
Unknown	9.2	J	ug/kg			1
Unknown	11	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	101		70-130

Project Name: ARTPARK **Lab Number:** L1119564

Project Number: Y8057.20 **Report Date:** 11/30/11

SAMPLE RESULTS

Lab ID:	L1119564-03	D	Date Collected:	11/21/11 12:30
Client ID:	TP-3		Date Received:	11/22/11
Sample Location:	LEWISTON, NY		Field Prep:	Not Specified
Matrix:	Soil			
Analytical Method:	1,8260B			
Analytical Date:	11/24/11 08:58			
Analyst:	BN			
Percent Solids:	76%			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	130	11.	4
1,1-Dichloroethane	ND		ug/kg	20	3.9	4
Chloroform	ND		ug/kg	20	4.3	4
Carbon tetrachloride	ND		ug/kg	13	2.8	4
1,2-Dichloropropane	ND		ug/kg	46	3.4	4
Dibromochloromethane	ND		ug/kg	13	4.0	4
1,1,2-Trichloroethane	ND		ug/kg	20	5.2	4
Tetrachloroethene	56		ug/kg	13	4.0	4
Chlorobenzene	ND		ug/kg	13	2.4	4
Trichlorofluoromethane	ND		ug/kg	66	5.2	4
1,2-Dichloroethane	ND		ug/kg	13	3.0	4
1,1,1-Trichloroethane	ND		ug/kg	13	3.6	4
Bromodichloromethane	ND		ug/kg	13	5.1	4
trans-1,3-Dichloropropene	ND		ug/kg	13	4.0	4
cis-1,3-Dichloropropene	ND		ug/kg	13	3.5	4
1,1-Dichloropropene	ND		ug/kg	66	6.0	4
Bromoform	ND		ug/kg	53	6.5	4
1,1,2,2-Tetrachloroethane	ND		ug/kg	13	3.2	4
Benzene	ND		ug/kg	13	3.9	4
Toluene	9.7	J	ug/kg	20	3.2	4
Ethylbenzene	28		ug/kg	13	2.9	4
Chloromethane	ND		ug/kg	66	10.	4
Bromomethane	ND		ug/kg	26	8.5	4
Vinyl chloride	ND		ug/kg	26	9.9	4
Chloroethane	ND		ug/kg	26	5.8	4
1,1-Dichloroethene	ND		ug/kg	13	3.4	4
trans-1,2-Dichloroethene	ND		ug/kg	20	5.2	4
Trichloroethene	36		ug/kg	13	2.9	4
1,2-Dichlorobenzene	ND		ug/kg	66	4.8	4
1,3-Dichlorobenzene	ND		ug/kg	66	5.2	4
1,4-Dichlorobenzene	ND		ug/kg	66	5.5	4

Project Name: ARTPARK **Lab Number:** L1119564

Project Number: Y8057.20 **Report Date:** 11/30/11

SAMPLE RESULTS

Lab ID: L1119564-03 D Date Collected: 11/21/11 12:30

Client ID: TP-3 Date Received: 11/22/11

Sample Location: LEWISTON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	26	6.4	4
p/m-Xylene	88		ug/kg	26	5.6	4
o-Xylene	20	J	ug/kg	26	5.5	4
cis-1,2-Dichloroethene	6.7	J	ug/kg	13	4.0	4
Dibromomethane	ND		ug/kg	130	5.7	4
Styrene	ND		ug/kg	26	9.6	4
Dichlorodifluoromethane	ND		ug/kg	130	5.1	4
Acetone	ND		ug/kg	130	42.	4
Carbon disulfide	ND		ug/kg	130	4.9	4
2-Butanone	ND		ug/kg	130	51.	4
Vinyl acetate	ND		ug/kg	130	9.9	4
4-Methyl-2-pentanone	ND		ug/kg	130	11.	4
1,2,3-Trichloropropane	ND		ug/kg	130	5.1	4
2-Hexanone	ND		ug/kg	130	5.2	4
Bromochloromethane	ND		ug/kg	66	4.0	4
2,2-Dichloropropane	ND		ug/kg	66	10.	4
1,2-Dibromoethane	ND		ug/kg	53	5.4	4
1,3-Dichloropropane	ND		ug/kg	66	7.4	4
1,1,1,2-Tetrachloroethane	ND		ug/kg	13	4.3	4
Bromobenzene	ND		ug/kg	66	2.9	4
n-Butylbenzene	ND		ug/kg	13	4.1	4
sec-Butylbenzene	ND		ug/kg	13	3.6	4
tert-Butylbenzene	ND		ug/kg	66	7.9	4
o-Chlorotoluene	ND		ug/kg	66	4.1	4
p-Chlorotoluene	ND		ug/kg	66	4.7	4
1,2-Dibromo-3-chloropropane	ND		ug/kg	66	11.	4
Hexachlorobutadiene	73		ug/kg	66	6.0	4
Isopropylbenzene	4.7	J	ug/kg	13	2.3	4
p-Isopropyltoluene	7.0	J	ug/kg	13	3.6	4
Naphthalene	560		ug/kg	66	10.	4
Acrylonitrile	ND		ug/kg	130	4.9	4
n-Propylbenzene	3.9	J	ug/kg	13	3.7	4
1,2,3-Trichlorobenzene	ND		ug/kg	66	5.3	4
1,2,4-Trichlorobenzene	ND		ug/kg	66	10.	4
1,3,5-Trimethylbenzene	ND		ug/kg	66	7.9	4
1,2,4-Trimethylbenzene	ND		ug/kg	66	7.5	4
1,4-Dioxane	ND		ug/kg	1300	230	4
1,4-Diethylbenzene	ND		ug/kg	53	2.6	4
4-Ethyltoluene	ND		ug/kg	53	1.3	4

Project Name: ARTPARK **Lab Number:** L1119564

Project Number: Y8057.20 **Report Date:** 11/30/11

SAMPLE RESULTS

Lab ID: L1119564-03 D Date Collected: 11/21/11 12:30

Client ID: TP-3 Date Received: 11/22/11

Sample Location: LEWISTON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	53	2.4	4
Ethyl ether	ND		ug/kg	66	5.0	4
trans-1,4-Dichloro-2-butene	ND		ug/kg	66	19.	4
Tentatively Identified Compounds						
Heptane, 3-ethyl-2-methyl-	34	J	ug/kg			4
Unknown	37	J	ug/kg			4
Nonane, 3-methyl-5-propyl-	40	J	ug/kg			4
Unknown	32	J	ug/kg			4
Unknown	35	J	ug/kg			4
1,3-Butadiene, 1,1,3,4-tetr	37	J	ug/kg			4
Unknown	69	J	ug/kg			4
Unknown	47	J	ug/kg			4
Unknown	28	J	ug/kg			4
Unknown	34	J	ug/kg			4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	102		70-130

Project Name: ARTPARK **Lab Number:** L1119564

Project Number: Y8057.20 **Report Date:** 11/30/11

SAMPLE RESULTS

Lab ID:	L1119564-04	Date Collected:	11/21/11 13:15
Client ID:	TP-4	Date Received:	11/22/11
Sample Location:	LEWISTON, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260B		
Analytical Date:	11/24/11 09:33		
Analyst:	BN		
Percent Solids:	78%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	32	2.6	1
1,1-Dichloroethane	ND		ug/kg	4.8	0.95	1
Chloroform	3.0	J	ug/kg	4.8	1.0	1
Carbon tetrachloride	11		ug/kg	3.2	0.68	1
1,2-Dichloropropane	ND		ug/kg	11	0.82	1
Dibromochloromethane	ND		ug/kg	3.2	0.99	1
1,1,2-Trichloroethane	ND		ug/kg	4.8	1.2	1
Tetrachloroethene	10		ug/kg	3.2	0.98	1
Chlorobenzene	ND		ug/kg	3.2	0.60	1
Trichlorofluoromethane	ND		ug/kg	16	1.2	1
1,2-Dichloroethane	ND		ug/kg	3.2	0.73	1
1,1,1-Trichloroethane	ND		ug/kg	3.2	0.86	1
Bromodichloromethane	ND		ug/kg	3.2	1.2	1
trans-1,3-Dichloropropene	ND		ug/kg	3.2	0.96	1
cis-1,3-Dichloropropene	ND		ug/kg	3.2	0.86	1
1,1-Dichloropropene	ND		ug/kg	16	1.5	1
Bromoform	ND		ug/kg	13	1.6	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	3.2	0.77	1
Benzene	ND		ug/kg	3.2	0.95	1
Toluene	ND		ug/kg	4.8	0.77	1
Ethylbenzene	ND		ug/kg	3.2	0.71	1
Chloromethane	ND		ug/kg	16	2.5	1
Bromomethane	ND		ug/kg	6.4	2.1	1
Vinyl chloride	ND		ug/kg	6.4	2.4	1
Chloroethane	ND		ug/kg	6.4	1.4	1
1,1-Dichloroethene	ND		ug/kg	3.2	0.83	1
trans-1,2-Dichloroethene	ND		ug/kg	4.8	1.2	1
Trichloroethene	1.0	J	ug/kg	3.2	0.72	1
1,2-Dichlorobenzene	ND		ug/kg	16	1.2	1
1,3-Dichlorobenzene	ND		ug/kg	16	1.3	1
1,4-Dichlorobenzene	ND		ug/kg	16	1.3	1

Project Name: ARTPARK **Lab Number:** L1119564

Project Number: Y8057.20 **Report Date:** 11/30/11

SAMPLE RESULTS

Lab ID: L1119564-04 Date Collected: 11/21/11 13:15

Client ID: TP-4 Date Received: 11/22/11

Sample Location: LEWISTON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	6.4	1.6	1
p/m-Xylene	ND		ug/kg	6.4	1.4	1
o-Xylene	ND		ug/kg	6.4	1.3	1
cis-1,2-Dichloroethene	ND		ug/kg	3.2	0.97	1
Dibromomethane	ND		ug/kg	32	1.4	1
Styrene	ND		ug/kg	6.4	2.3	1
Dichlorodifluoromethane	ND		ug/kg	32	1.2	1
Acetone	ND		ug/kg	32	10.	1
Carbon disulfide	ND		ug/kg	32	1.2	1
2-Butanone	ND		ug/kg	32	12.	1
Vinyl acetate	ND		ug/kg	32	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	32	2.6	1
1,2,3-Trichloropropane	ND		ug/kg	32	1.2	1
2-Hexanone	ND		ug/kg	32	1.3	1
Bromochloromethane	ND		ug/kg	16	0.97	1
2,2-Dichloropropane	ND		ug/kg	16	2.5	1
1,2-Dibromoethane	ND		ug/kg	13	1.3	1
1,3-Dichloropropane	ND		ug/kg	16	1.8	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	3.2	1.0	1
Bromobenzene	ND		ug/kg	16	0.70	1
n-Butylbenzene	ND		ug/kg	3.2	1.0	1
sec-Butylbenzene	ND		ug/kg	3.2	0.88	1
tert-Butylbenzene	ND		ug/kg	16	1.9	1
o-Chlorotoluene	ND		ug/kg	16	1.0	1
p-Chlorotoluene	ND		ug/kg	16	1.2	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	16	2.7	1
Hexachlorobutadiene	ND		ug/kg	16	1.5	1
Isopropylbenzene	ND		ug/kg	3.2	0.57	1
p-Isopropyltoluene	ND		ug/kg	3.2	0.88	1
Naphthalene	ND		ug/kg	16	2.5	1
Acrylonitrile	ND		ug/kg	32	1.2	1
n-Propylbenzene	ND		ug/kg	3.2	0.91	1
1,2,3-Trichlorobenzene	ND		ug/kg	16	1.3	1
1,2,4-Trichlorobenzene	ND		ug/kg	16	2.5	1
1,3,5-Trimethylbenzene	ND		ug/kg	16	1.9	1
1,2,4-Trimethylbenzene	ND		ug/kg	16	1.8	1
1,4-Dioxane	ND		ug/kg	320	56.	1
1,4-Diethylbenzene	ND		ug/kg	13	0.64	1
4-Ethyltoluene	ND		ug/kg	13	0.31	1

Project Name: ARTPARK **Lab Number:** L1119564

Project Number: Y8057.20 **Report Date:** 11/30/11

SAMPLE RESULTS

Lab ID: L1119564-04 Date Collected: 11/21/11 13:15

Client ID: TP-4 Date Received: 11/22/11

Sample Location: LEWISTON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	13	0.58	1
Ethyl ether	ND		ug/kg	16	1.2	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	16	4.7	1
Tentatively Identified Compounds						
Unknown	82	J	ug/kg			1
Diphenyl Ether	59	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	104		70-130

Project Name: ARTPARK
Project Number: Y8057.20

Lab Number: L1119564
Report Date: 11/30/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 11/24/11 07:13
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG504623-3					
Methylene chloride	ND		ug/kg	25	2.0
1,1-Dichloroethane	ND		ug/kg	3.8	0.74
Chloroform	ND		ug/kg	3.8	0.81
Carbon tetrachloride	ND		ug/kg	2.5	0.53
1,2-Dichloropropane	ND		ug/kg	8.8	0.64
Dibromochloromethane	ND		ug/kg	2.5	0.77
1,1,2-Trichloroethane	ND		ug/kg	3.8	0.98
Tetrachloroethene	ND		ug/kg	2.5	0.76
Chlorobenzene	ND		ug/kg	2.5	0.46
Trichlorofluoromethane	ND		ug/kg	12	0.98
1,2-Dichloroethane	ND		ug/kg	2.5	0.57
1,1,1-Trichloroethane	ND		ug/kg	2.5	0.67
Bromodichloromethane	ND		ug/kg	2.5	0.96
trans-1,3-Dichloropropene	ND		ug/kg	2.5	0.75
cis-1,3-Dichloropropene	ND		ug/kg	2.5	0.67
1,1-Dichloropropene	ND		ug/kg	12	1.1
Bromoform	ND		ug/kg	10	1.2
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.5	0.60
Benzene	ND		ug/kg	2.5	0.74
Toluene	ND		ug/kg	3.8	0.60
Ethylbenzene	ND		ug/kg	2.5	0.55
Chloromethane	ND		ug/kg	12	2.0
Bromomethane	ND		ug/kg	5.0	1.6
Vinyl chloride	ND		ug/kg	5.0	1.9
Chloroethane	ND		ug/kg	5.0	1.1
1,1-Dichloroethene	ND		ug/kg	2.5	0.65
trans-1,2-Dichloroethene	ND		ug/kg	3.8	0.98
Trichloroethene	ND		ug/kg	2.5	0.56
1,2-Dichlorobenzene	ND		ug/kg	12	0.91
1,3-Dichlorobenzene	ND		ug/kg	12	1.0
1,4-Dichlorobenzene	ND		ug/kg	12	1.0

Project Name: ARTPARK
Project Number: Y8057.20

Lab Number: L1119564
Report Date: 11/30/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 11/24/11 07:13
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG504623-3					
Methyl tert butyl ether	ND		ug/kg	5.0	1.2
p/m-Xylene	ND		ug/kg	5.0	1.1
o-Xylene	ND		ug/kg	5.0	1.0
cis-1,2-Dichloroethene	ND		ug/kg	2.5	0.75
Dibromomethane	ND		ug/kg	25	1.1
Styrene	ND		ug/kg	5.0	1.8
Dichlorodifluoromethane	ND		ug/kg	25	0.97
Acetone	ND		ug/kg	25	8.1
Carbon disulfide	ND		ug/kg	25	0.94
2-Butanone	ND		ug/kg	25	9.7
Vinyl acetate	ND		ug/kg	25	1.9
4-Methyl-2-pentanone	ND		ug/kg	25	2.0
1,2,3-Trichloropropane	ND		ug/kg	25	0.97
2-Hexanone	ND		ug/kg	25	0.99
Bromochloromethane	ND		ug/kg	12	0.76
2,2-Dichloropropane	ND		ug/kg	12	2.0
1,2-Dibromoethane	ND		ug/kg	10	1.0
1,3-Dichloropropane	ND		ug/kg	12	1.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	2.5	0.82
Bromobenzene	ND		ug/kg	12	0.55
n-Butylbenzene	ND		ug/kg	2.5	0.79
sec-Butylbenzene	ND		ug/kg	2.5	0.69
tert-Butylbenzene	ND		ug/kg	12	1.5
o-Chlorotoluene	ND		ug/kg	12	0.78
p-Chlorotoluene	ND		ug/kg	12	0.90
1,2-Dibromo-3-chloropropane	ND		ug/kg	12	2.1
Hexachlorobutadiene	ND		ug/kg	12	1.1
Isopropylbenzene	ND		ug/kg	2.5	0.44
p-Isopropyltoluene	ND		ug/kg	2.5	0.68
Naphthalene	ND		ug/kg	12	1.9
Acrylonitrile	ND		ug/kg	25	0.94

Project Name: ARTPARK
Project Number: Y8057.20

Lab Number: L1119564
Report Date: 11/30/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 11/24/11 07:13
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG504623-3					
n-Propylbenzene	ND		ug/kg	2.5	0.71
1,2,3-Trichlorobenzene	ND		ug/kg	12	1.0
1,2,4-Trichlorobenzene	ND		ug/kg	12	2.0
1,3,5-Trimethylbenzene	ND		ug/kg	12	1.5
1,2,4-Trimethylbenzene	ND		ug/kg	12	1.4
1,4-Dioxane	ND		ug/kg	250	44.
1,4-Diethylbenzene	ND		ug/kg	10	0.50
4-Ethyltoluene	ND		ug/kg	10	0.24
1,2,4,5-Tetramethylbenzene	ND		ug/kg	10	0.45
Ethyl ether	ND		ug/kg	12	0.95
trans-1,4-Dichloro-2-butene	ND		ug/kg	12	3.7
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: ARTPARK
Project Number: Y8057.20

Lab Number: L1119564
Report Date: 11/30/11

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab	Associated sample(s): 01-04		Batch: WG504623-1		WG504623-2			
Chlorobenzene	115		99		60-133	15		30
Benzene	110		100		66-142	10		30
Toluene	108		95		59-139	13		30
1,1-Dichloroethene	95		87		59-172	9		30
Trichloroethene	108		96		62-137	12		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	119		95		70-130
Toluene-d8	111		95		70-130
4-Bromofluorobenzene	112		95		70-130
Dibromofluoromethane	119		96		70-130

SEMIVOLATILES

Project Name: ARTPARK
Lab Number: L1119564
Project Number: Y8057.20
Report Date: 11/30/11

SAMPLE RESULTS

Lab ID:	L1119564-01	D	Date Collected:	11/21/11 11:00
Client ID:	TP-1		Date Received:	11/22/11
Sample Location:	LEWISTON, NY		Field Prep:	Not Specified
Matrix:	Soil		Extraction Method:	EPA 3546
Analytical Method:	1,8270C		Extraction Date:	11/23/11 09:36
Analytical Date:	11/28/11 16:46			
Analyst:	JB			
Percent Solids:	77%			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	850	230	5
1,2,4-Trichlorobenzene	ND		ug/kg	1000	310	5
Hexachlorobenzene	ND		ug/kg	630	160	5
Bis(2-chloroethyl)ether	ND		ug/kg	950	200	5
2-Chloronaphthalene	ND		ug/kg	1000	320	5
1,2-Dichlorobenzene	ND		ug/kg	1000	310	5
1,3-Dichlorobenzene	ND		ug/kg	1000	330	5
1,4-Dichlorobenzene	ND		ug/kg	1000	300	5
3,3'-Dichlorobenzidine	ND		ug/kg	1000	380	5
2,4-Dinitrotoluene	ND		ug/kg	1000	320	5
2,6-Dinitrotoluene	ND		ug/kg	1000	350	5
Fluoranthene	ND		ug/kg	630	140	5
4-Chlorophenyl phenyl ether	ND		ug/kg	1000	190	5
4-Bromophenyl phenyl ether	ND		ug/kg	1000	220	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1300	300	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1100	260	5
Hexachlorobutadiene	ND		ug/kg	1000	280	5
Hexachlorocyclopentadiene	ND		ug/kg	3000	840	5
Hexachloroethane	ND		ug/kg	850	150	5
Isophorone	ND		ug/kg	950	250	5
Naphthalene	ND		ug/kg	1000	340	5
Nitrobenzene	ND		ug/kg	950	310	5
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	850	260	5
n-Nitrosodi-n-propylamine	ND		ug/kg	1000	300	5
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	1000	220	5
Butyl benzyl phthalate	ND		ug/kg	1000	300	5
Di-n-butylphthalate	ND		ug/kg	1000	180	5
Di-n-octylphthalate	ND		ug/kg	1000	280	5
Diethyl phthalate	ND		ug/kg	1000	180	5
Dimethyl phthalate	ND		ug/kg	1000	170	5
Benzo(a)anthracene	ND		ug/kg	630	210	5

Project Name: ARTPARK **Lab Number:** L1119564

Project Number: Y8057.20 **Report Date:** 11/30/11

SAMPLE RESULTS

Lab ID: L1119564-01 D Date Collected: 11/21/11 11:00

Client ID: TP-1 Date Received: 11/22/11

Sample Location: LEWISTON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	ND		ug/kg	850	250	5
Benzo(b)fluoranthene	ND		ug/kg	630	190	5
Benzo(k)fluoranthene	ND		ug/kg	630	160	5
Chrysene	ND		ug/kg	630	160	5
Acenaphthylene	ND		ug/kg	850	270	5
Anthracene	ND		ug/kg	630	150	5
Benzo(ghi)perylene	ND		ug/kg	850	270	5
Fluorene	ND		ug/kg	1000	190	5
Phenanthrene	ND		ug/kg	630	180	5
Dibenzo(a,h)anthracene	ND		ug/kg	630	200	5
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	850	260	5
Pyrene	ND		ug/kg	630	170	5
Biphenyl	ND		ug/kg	2400	740	5
4-Chloroaniline	ND		ug/kg	1000	360	5
2-Nitroaniline	ND		ug/kg	1000	190	5
3-Nitroaniline	ND		ug/kg	1000	120	5
4-Nitroaniline	ND		ug/kg	1000	640	5
Dibenzofuran	ND		ug/kg	1000	220	5
2-Methylnaphthalene	ND		ug/kg	1300	420	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1000	340	5
Acetophenone	ND		ug/kg	1000	340	5
2,4,6-Trichlorophenol	ND		ug/kg	630	190	5
P-Chloro-M-Cresol	ND		ug/kg	1000	220	5
2-Chlorophenol	ND		ug/kg	1000	330	5
2,4-Dichlorophenol	ND		ug/kg	950	310	5
2,4-Dimethylphenol	ND		ug/kg	1000	440	5
2-Nitrophenol	ND		ug/kg	2300	770	5
4-Nitrophenol	ND		ug/kg	1500	450	5
2,4-Dinitrophenol	ND		ug/kg	5100	1600	5
4,6-Dinitro-o-cresol	ND		ug/kg	2800	1000	5
Pentachlorophenol	ND		ug/kg	850	250	5
Phenol	ND		ug/kg	1000	330	5
2-Methylphenol	ND		ug/kg	1000	260	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1500	460	5
2,4,5-Trichlorophenol	ND		ug/kg	1000	250	5
Benzoic Acid	ND		ug/kg	3400	900	5
Benzyl Alcohol	ND		ug/kg	1000	240	5
Carbazole	ND		ug/kg	1000	170	5

Project Name: ARTPARK **Lab Number:** L1119564

Project Number: Y8057.20 **Report Date:** 11/30/11

SAMPLE RESULTS

Lab ID: L1119564-01 D Date Collected: 11/21/11 11:00

Client ID: TP-1 Date Received: 11/22/11

Sample Location: LEWISTON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Unknown C15H28 Isomer	1100	J	ug/kg			5
Unknown C15H28 Isomer	1000	J	ug/kg			5
Unknown C15H28 Isomer	1600	J	ug/kg			5
Unknown	1200	J	ug/kg			5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	74		0-136
4-Terphenyl-d14	77		18-120

Project Name: ARTPARK
Lab Number: L1119564
Project Number: Y8057.20
Report Date: 11/30/11

SAMPLE RESULTS

Lab ID:	L1119564-02	D	Date Collected:	11/21/11 11:45
Client ID:	TP-2		Date Received:	11/22/11
Sample Location:	LEWISTON, NY		Field Prep:	Not Specified
Matrix:	Soil		Extraction Method:	EPA 3546
Analytical Method:	1,8270C		Extraction Date:	11/23/11 09:36
Analytical Date:	11/28/11 17:12			
Analyst:	JB			
Percent Solids:	79%			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	2500	680	15
1,2,4-Trichlorobenzene	ND		ug/kg	3100	920	15
Hexachlorobenzene	ND		ug/kg	1900	490	15
Bis(2-chloroethyl)ether	ND		ug/kg	2800	600	15
2-Chloronaphthalene	ND		ug/kg	3100	940	15
1,2-Dichlorobenzene	ND		ug/kg	3100	930	15
1,3-Dichlorobenzene	ND		ug/kg	3100	980	15
1,4-Dichlorobenzene	ND		ug/kg	3100	900	15
3,3'-Dichlorobenzidine	ND		ug/kg	3100	1100	15
2,4-Dinitrotoluene	ND		ug/kg	3100	940	15
2,6-Dinitrotoluene	ND		ug/kg	3100	1000	15
Fluoranthene	690	J	ug/kg	1900	410	15
4-Chlorophenyl phenyl ether	ND		ug/kg	3100	560	15
4-Bromophenyl phenyl ether	ND		ug/kg	3100	650	15
Bis(2-chloroisopropyl)ether	ND		ug/kg	3800	890	15
Bis(2-chloroethoxy)methane	ND		ug/kg	3400	790	15
Hexachlorobutadiene	ND		ug/kg	3100	840	15
Hexachlorocyclopentadiene	ND		ug/kg	9000	2500	15
Hexachloroethane	ND		ug/kg	2500	460	15
Isophorone	ND		ug/kg	2800	750	15
Naphthalene	1000	J	ug/kg	3100	1000	15
Nitrobenzene	ND		ug/kg	2800	920	15
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	2500	790	15
n-Nitrosodi-n-propylamine	ND		ug/kg	3100	880	15
Bis(2-Ethylhexyl)phthalate	6400		ug/kg	3100	650	15
Butyl benzyl phthalate	ND		ug/kg	3100	880	15
Di-n-butylphthalate	ND		ug/kg	3100	540	15
Di-n-octylphthalate	ND		ug/kg	3100	850	15
Diethyl phthalate	ND		ug/kg	3100	550	15
Dimethyl phthalate	ND		ug/kg	3100	520	15
Benzo(a)anthracene	ND		ug/kg	1900	620	15

Project Name: ARTPARK **Lab Number:** L1119564

Project Number: Y8057.20 **Report Date:** 11/30/11

SAMPLE RESULTS

Lab ID: L1119564-02 D Date Collected: 11/21/11 11:45
Client ID: TP-2 Date Received: 11/22/11
Sample Location: LEWISTON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	ND		ug/kg	2500	750	15
Benzo(b)fluoranthene	ND		ug/kg	1900	560	15
Benzo(k)fluoranthene	ND		ug/kg	1900	480	15
Chrysene	ND		ug/kg	1900	490	15
Acenaphthylene	ND		ug/kg	2500	820	15
Anthracene	ND		ug/kg	1900	440	15
Benzo(ghi)perylene	ND		ug/kg	2500	800	15
Fluorene	ND		ug/kg	3100	580	15
Phenanthrene	1000	J	ug/kg	1900	520	15
Dibenzo(a,h)anthracene	ND		ug/kg	1900	580	15
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	2500	770	15
Pyrene	550	J	ug/kg	1900	520	15
Biphenyl	ND		ug/kg	7200	2200	15
4-Chloroaniline	ND		ug/kg	3100	1100	15
2-Nitroaniline	ND		ug/kg	3100	580	15
3-Nitroaniline	ND		ug/kg	3100	350	15
4-Nitroaniline	ND		ug/kg	3100	1900	15
Dibenzofuran	ND		ug/kg	3100	650	15
2-Methylnaphthalene	1200	J	ug/kg	3800	1200	15
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	3100	1000	15
Acetophenone	ND		ug/kg	3100	1000	15
2,4,6-Trichlorophenol	ND		ug/kg	1900	580	15
P-Chloro-M-Cresol	ND		ug/kg	3100	640	15
2-Chlorophenol	ND		ug/kg	3100	980	15
2,4-Dichlorophenol	ND		ug/kg	2800	920	15
2,4-Dimethylphenol	ND		ug/kg	3100	1300	15
2-Nitrophenol	ND		ug/kg	6800	2300	15
4-Nitrophenol	ND		ug/kg	4400	1300	15
2,4-Dinitrophenol	ND		ug/kg	15000	4900	15
4,6-Dinitro-o-cresol	ND		ug/kg	8200	3000	15
Pentachlorophenol	ND		ug/kg	2500	750	15
Phenol	ND		ug/kg	3100	990	15
2-Methylphenol	ND		ug/kg	3100	780	15
3-Methylphenol/4-Methylphenol	ND		ug/kg	4500	1400	15
2,4,5-Trichlorophenol	ND		ug/kg	3100	730	15
Benzoic Acid	ND		ug/kg	10000	2700	15
Benzyl Alcohol	ND		ug/kg	3100	730	15
Carbazole	ND		ug/kg	3100	510	15

Project Name: ARTPARK **Lab Number:** L1119564

Project Number: Y8057.20 **Report Date:** 11/30/11

SAMPLE RESULTS

Lab ID: L1119564-02 D Date Collected: 11/21/11 11:45

Client ID: TP-2 Date Received: 11/22/11

Sample Location: LEWISTON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Sulfur	4700	J	ug/kg			15

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	103		25-120
Phenol-d6	100		10-120
Nitrobenzene-d5	104		23-120
2-Fluorobiphenyl	98		30-120
2,4,6-Tribromophenol	115		0-136
4-Terphenyl-d14	112		18-120

Project Name: ARTPARK
Lab Number: L1119564
Project Number: Y8057.20
Report Date: 11/30/11

SAMPLE RESULTS

Lab ID:	L1119564-03	D2	Date Collected:	11/21/11 12:30
Client ID:	TP-3		Date Received:	11/22/11
Sample Location:	LEWISTON, NY		Field Prep:	Not Specified
Matrix:	Soil		Extraction Method:	EPA 3546
Analytical Method:	1,8270C		Extraction Date:	11/23/11 09:36
Analytical Date:	11/29/11 11:01			
Analyst:	JB			
Percent Solids:	76%			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Biphenyl	130000		ug/kg	12000	3800	25

Project Name: ARTPARK
Project Number: Y8057.20
Lab Number: L1119564
Report Date: 11/30/11

SAMPLE RESULTS

Lab ID:	L1119564-03	D	Date Collected:	11/21/11 12:30
Client ID:	TP-3		Date Received:	11/22/11
Sample Location:	LEWISTON, NY		Field Prep:	Not Specified
Matrix:	Soil		Extraction Method:	EPA 3546
Analytical Method:	1,8270C		Extraction Date:	11/23/11 09:36
Analytical Date:	11/28/11 17:37			
Analyst:	JB			
Percent Solids:	76%			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	2700		ug/kg	860	230	5
1,2,4-Trichlorobenzene	ND		ug/kg	1100	320	5
Hexachlorobenzene	ND		ug/kg	650	170	5
Bis(2-chloroethyl)ether	ND		ug/kg	970	200	5
2-Chloronaphthalene	ND		ug/kg	1100	320	5
1,2-Dichlorobenzene	ND		ug/kg	1100	320	5
1,3-Dichlorobenzene	ND		ug/kg	1100	330	5
1,4-Dichlorobenzene	ND		ug/kg	1100	310	5
3,3'-Dichlorobenzidine	ND		ug/kg	1100	390	5
2,4-Dinitrotoluene	ND		ug/kg	1100	320	5
2,6-Dinitrotoluene	ND		ug/kg	1100	360	5
Fluoranthene	1600		ug/kg	650	140	5
4-Chlorophenyl phenyl ether	ND		ug/kg	1100	190	5
4-Bromophenyl phenyl ether	ND		ug/kg	1100	220	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1300	300	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1200	270	5
Hexachlorobutadiene	400	J	ug/kg	1100	290	5
Hexachlorocyclopentadiene	ND		ug/kg	3100	850	5
Hexachloroethane	ND		ug/kg	860	160	5
Isophorone	ND		ug/kg	970	260	5
Naphthalene	1000	J	ug/kg	1100	340	5
Nitrobenzene	ND		ug/kg	970	320	5
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	860	270	5
n-Nitrosodi-n-propylamine	ND		ug/kg	1100	300	5
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	1100	220	5
Butyl benzyl phthalate	ND		ug/kg	1100	300	5
Di-n-butylphthalate	ND		ug/kg	1100	180	5
Di-n-octylphthalate	ND		ug/kg	1100	290	5
Diethyl phthalate	ND		ug/kg	1100	190	5
Dimethyl phthalate	ND		ug/kg	1100	180	5
Benzo(a)anthracene	450	J	ug/kg	650	210	5

Project Name: ARTPARK **Lab Number:** L1119564

Project Number: Y8057.20 **Report Date:** 11/30/11

SAMPLE RESULTS

Lab ID: L1119564-03 D Date Collected: 11/21/11 12:30
Client ID: TP-3 Date Received: 11/22/11
Sample Location: LEWISTON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	ND		ug/kg	860	260	5
Benzo(b)fluoranthene	690		ug/kg	650	190	5
Benzo(k)fluoranthene	ND		ug/kg	650	170	5
Chrysene	440	J	ug/kg	650	170	5
Acenaphthylene	ND		ug/kg	860	280	5
Anthracene	390	J	ug/kg	650	150	5
Benzo(ghi)perylene	ND		ug/kg	860	270	5
Fluorene	2100		ug/kg	1100	200	5
Phenanthrene	2200		ug/kg	650	180	5
Dibenzo(a,h)anthracene	ND		ug/kg	650	200	5
Indeno(1,2,3-cd)Pyrene	560	J	ug/kg	860	260	5
Pyrene	1200		ug/kg	650	180	5
Biphenyl	95000	E	ug/kg	2500	750	5
4-Chloroaniline	ND		ug/kg	1100	360	5
2-Nitroaniline	ND		ug/kg	1100	200	5
3-Nitroaniline	ND		ug/kg	1100	120	5
4-Nitroaniline	ND		ug/kg	1100	660	5
Dibenzofuran	1900		ug/kg	1100	220	5
2-Methylnaphthalene	ND		ug/kg	1300	420	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1100	340	5
Acetophenone	ND		ug/kg	1100	350	5
2,4,6-Trichlorophenol	ND		ug/kg	650	200	5
P-Chloro-M-Cresol	ND		ug/kg	1100	220	5
2-Chlorophenol	ND		ug/kg	1100	340	5
2,4-Dichlorophenol	ND		ug/kg	970	310	5
2,4-Dimethylphenol	ND		ug/kg	1100	440	5
2-Nitrophenol	ND		ug/kg	2300	780	5
4-Nitrophenol	ND		ug/kg	1500	460	5
2,4-Dinitrophenol	ND		ug/kg	5200	1700	5
4,6-Dinitro-o-cresol	ND		ug/kg	2800	1000	5
Pentachlorophenol	550	J	ug/kg	860	260	5
Phenol	470	J	ug/kg	1100	340	5
2-Methylphenol	ND		ug/kg	1100	270	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1600	470	5
2,4,5-Trichlorophenol	ND		ug/kg	1100	250	5
Benzoic Acid	ND		ug/kg	3500	910	5
Benzyl Alcohol	ND		ug/kg	1100	250	5
Carbazole	600	J	ug/kg	1100	170	5

Project Name: ARTPARK **Lab Number:** L1119564

Project Number: Y8057.20 **Report Date:** 11/30/11

SAMPLE RESULTS

Lab ID: L1119564-03 D Date Collected: 11/21/11 12:30
Client ID: TP-3 Date Received: 11/22/11
Sample Location: LEWISTON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Unknown C5H8O2 Isomer	2700	J	ug/kg			5
Unknown	2600	J	ug/kg			5
Unknown Subsituted Naphthalene	2200	J	ug/kg			5
Unknown C12H10O	410000	J	ug/kg			5
Unknown Subsituted Naphthalene	1200	J	ug/kg			5
Unknown	1700	J	ug/kg			5
Unknown Subsituted Benzene	7900	J	ug/kg			5
Unknown Subsituted PAH	1600	J	ug/kg			5
Unknown Organic Acid	5700	J	ug/kg			5
Unknown Organic Acid	2000	J	ug/kg			5
Unknown	5900	J	ug/kg			5
Unknown	7600	J	ug/kg			5
Unknown	2800	J	ug/kg			5
Unknown	4300	J	ug/kg			5
Unknown C14H21O2P	12000	J	ug/kg			5
Unknown	3200	J	ug/kg			5
Unknown	16000	J	ug/kg			5
Unknown C18H22	41000	J	ug/kg			5
Unknown	5000	J	ug/kg			5
Unknown	3200	J	ug/kg			5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	64		0-136
4-Terphenyl-d14	45		18-120

Project Name: ARTPARK
Lab Number: L1119564
Project Number: Y8057.20
Report Date: 11/30/11

SAMPLE RESULTS

Lab ID:	L1119564-04	D	Date Collected:	11/21/11 13:15
Client ID:	TP-4		Date Received:	11/22/11
Sample Location:	LEWISTON, NY		Field Prep:	Not Specified
Matrix:	Soil		Extraction Method:	EPA 3546
Analytical Method:	1,8270C		Extraction Date:	11/23/11 09:36
Analytical Date:	11/28/11 18:04			
Analyst:	JB			
Percent Solids:	78%			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	830	220	5
1,2,4-Trichlorobenzene	ND		ug/kg	1000	300	5
Hexachlorobenzene	ND		ug/kg	630	160	5
Bis(2-chloroethyl)ether	ND		ug/kg	940	200	5
2-Chloronaphthalene	ND		ug/kg	1000	310	5
1,2-Dichlorobenzene	ND		ug/kg	1000	310	5
1,3-Dichlorobenzene	ND		ug/kg	1000	320	5
1,4-Dichlorobenzene	ND		ug/kg	1000	300	5
3,3'-Dichlorobenzidine	ND		ug/kg	1000	380	5
2,4-Dinitrotoluene	ND		ug/kg	1000	310	5
2,6-Dinitrotoluene	ND		ug/kg	1000	340	5
Fluoranthene	710		ug/kg	630	140	5
4-Chlorophenyl phenyl ether	ND		ug/kg	1000	180	5
4-Bromophenyl phenyl ether	ND		ug/kg	1000	220	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1200	290	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1100	260	5
Hexachlorobutadiene	ND		ug/kg	1000	280	5
Hexachlorocyclopentadiene	ND		ug/kg	3000	820	5
Hexachloroethane	ND		ug/kg	830	150	5
Isophorone	ND		ug/kg	940	250	5
Naphthalene	ND		ug/kg	1000	330	5
Nitrobenzene	ND		ug/kg	940	300	5
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	830	260	5
n-Nitrosodi-n-propylamine	ND		ug/kg	1000	290	5
Bis(2-Ethylhexyl)phthalate	520	J	ug/kg	1000	220	5
Butyl benzyl phthalate	ND		ug/kg	1000	290	5
Di-n-butylphthalate	ND		ug/kg	1000	180	5
Di-n-octylphthalate	ND		ug/kg	1000	280	5
Diethyl phthalate	ND		ug/kg	1000	180	5
Dimethyl phthalate	ND		ug/kg	1000	170	5
Benzo(a)anthracene	780		ug/kg	630	210	5

Project Name: ARTPARK
Lab Number: L1119564
Project Number: Y8057.20
Report Date: 11/30/11

SAMPLE RESULTS

Lab ID: L1119564-04 D
Client ID: TP-4
Sample Location: LEWISTON, NY
Date Collected: 11/21/11 13:15
Date Received: 11/22/11
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	1000		ug/kg	830	250	5
Benzo(b)fluoranthene	1600		ug/kg	630	180	5
Benzo(k)fluoranthene	580	J	ug/kg	630	160	5
Chrysene	870		ug/kg	630	160	5
Acenaphthylene	280	J	ug/kg	830	270	5
Anthracene	200	J	ug/kg	630	140	5
Benzo(ghi)perylene	660	J	ug/kg	830	260	5
Fluorene	ND		ug/kg	1000	190	5
Phenanthrene	350	J	ug/kg	630	170	5
Dibenzo(a,h)anthracene	270	J	ug/kg	630	190	5
Indeno(1,2,3-cd)Pyrene	1000		ug/kg	830	260	5
Pyrene	760		ug/kg	630	170	5
Biphenyl	1600	J	ug/kg	2400	730	5
4-Chloroaniline	ND		ug/kg	1000	350	5
2-Nitroaniline	ND		ug/kg	1000	190	5
3-Nitroaniline	ND		ug/kg	1000	120	5
4-Nitroaniline	ND		ug/kg	1000	640	5
Dibenzofuran	ND		ug/kg	1000	210	5
2-Methylnaphthalene	ND		ug/kg	1200	410	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1000	330	5
Acetophenone	ND		ug/kg	1000	340	5
2,4,6-Trichlorophenol	ND		ug/kg	630	190	5
P-Chloro-M-Cresol	ND		ug/kg	1000	210	5
2-Chlorophenol	ND		ug/kg	1000	330	5
2,4-Dichlorophenol	ND		ug/kg	940	300	5
2,4-Dimethylphenol	ND		ug/kg	1000	430	5
2-Nitrophenol	ND		ug/kg	2200	760	5
4-Nitrophenol	ND		ug/kg	1500	440	5
2,4-Dinitrophenol	ND		ug/kg	5000	1600	5
4,6-Dinitro-o-cresol	ND		ug/kg	2700	980	5
Pentachlorophenol	ND		ug/kg	830	250	5
Phenol	ND		ug/kg	1000	330	5
2-Methylphenol	ND		ug/kg	1000	260	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1500	450	5
2,4,5-Trichlorophenol	ND		ug/kg	1000	240	5
Benzoic Acid	ND		ug/kg	3400	880	5
Benzyl Alcohol	ND		ug/kg	1000	240	5
Carbazole	ND		ug/kg	1000	170	5

Project Name: ARTPARK **Lab Number:** L1119564

Project Number: Y8057.20 **Report Date:** 11/30/11

SAMPLE RESULTS

Lab ID: L1119564-04 D Date Collected: 11/21/11 13:15
Client ID: TP-4 Date Received: 11/22/11
Sample Location: LEWISTON, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Unknown C12H10O	6200	J	ug/kg			5
Unknown	2600	J	ug/kg			5
Sulfur	3800	J	ug/kg			5
Unknown	6200	J	ug/kg			5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	38		25-120
Phenol-d6	46		10-120
Nitrobenzene-d5	45		23-120
2-Fluorobiphenyl	50		30-120
2,4,6-Tribromophenol	58		0-136
4-Terphenyl-d14	59		18-120

Project Name: ARTPARK
Project Number: Y8057.20

Lab Number: L1119564
Report Date: 11/30/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270C
Analytical Date: 11/28/11 09:46
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 11/23/11 09:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG504206-1					
Acenaphthene	ND		ug/kg	130	36.
1,2,4-Trichlorobenzene	ND		ug/kg	170	48.
Hexachlorobenzene	ND		ug/kg	100	26.
Bis(2-chloroethyl)ether	ND		ug/kg	150	31.
2-Chloronaphthalene	ND		ug/kg	170	50.
1,2-Dichlorobenzene	ND		ug/kg	170	49.
1,3-Dichlorobenzene	ND		ug/kg	170	51.
1,4-Dichlorobenzene	ND		ug/kg	170	47.
3,3'-Dichlorobenzidine	ND		ug/kg	170	60.
2,4-Dinitrotoluene	ND		ug/kg	170	50.
2,6-Dinitrotoluene	ND		ug/kg	170	54.
Fluoranthene	ND		ug/kg	100	22.
4-Chlorophenyl phenyl ether	ND		ug/kg	170	29.
4-Bromophenyl phenyl ether	ND		ug/kg	170	34.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	47.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	42.
Hexachlorobutadiene	ND		ug/kg	170	44.
Hexachlorocyclopentadiene	ND		ug/kg	480	130
Hexachloroethane	ND		ug/kg	130	24.
Isophorone	ND		ug/kg	150	40.
Naphthalene	ND		ug/kg	170	53.
Nitrobenzene	ND		ug/kg	150	48.
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	130	42.
n-Nitrosodi-n-propylamine	ND		ug/kg	170	46.
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	170	34.
Butyl benzyl phthalate	ND		ug/kg	170	46.
Di-n-butylphthalate	ND		ug/kg	170	28.
Di-n-octylphthalate	ND		ug/kg	170	45.
Diethyl phthalate	ND		ug/kg	170	29.
Dimethyl phthalate	ND		ug/kg	170	27.
Benzo(a)anthracene	ND		ug/kg	100	33.

Project Name: ARTPARK
Project Number: Y8057.20

Lab Number: L1119564
Report Date: 11/30/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270C
Analytical Date: 11/28/11 09:46
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 11/23/11 09:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG504206-1					
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	100	29.
Benzo(k)fluoranthene	ND		ug/kg	100	26.
Chrysene	ND		ug/kg	100	26.
Acenaphthylene	ND		ug/kg	130	43.
Anthracene	ND		ug/kg	100	23.
Benzo(ghi)perylene	ND		ug/kg	130	42.
Fluorene	ND		ug/kg	170	30.
Phenanthrene	ND		ug/kg	100	28.
Dibenzo(a,h)anthracene	ND		ug/kg	100	31.
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	130	40.
Pyrene	ND		ug/kg	100	27.
Biphenyl	ND		ug/kg	380	120
4-Chloroaniline	ND		ug/kg	170	56.
2-Nitroaniline	ND		ug/kg	170	30.
3-Nitroaniline	ND		ug/kg	170	19.
4-Nitroaniline	ND		ug/kg	170	100
Dibenzofuran	ND		ug/kg	170	34.
2-Methylnaphthalene	ND		ug/kg	200	65.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	53.
Acetophenone	ND		ug/kg	170	53.
2,4,6-Trichlorophenol	ND		ug/kg	100	30.
P-Chloro-M-Cresol	ND		ug/kg	170	34.
2-Chlorophenol	ND		ug/kg	170	52.
2,4-Dichlorophenol	ND		ug/kg	150	48.
2,4-Dimethylphenol	ND		ug/kg	170	68.
2-Nitrophenol	ND		ug/kg	360	120
4-Nitrophenol	ND		ug/kg	230	71.
2,4-Dinitrophenol	ND		ug/kg	800	260
4,6-Dinitro-o-cresol	ND		ug/kg	430	160
Pentachlorophenol	ND		ug/kg	130	39.

Project Name: ARTPARK
Project Number: Y8057.20

Lab Number: L1119564
Report Date: 11/30/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270C
Analytical Date: 11/28/11 09:46
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 11/23/11 09:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG504206-1					
Phenol	ND		ug/kg	170	52.
2-Methylphenol	ND		ug/kg	170	41.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	72.
2,4,5-Trichlorophenol	ND		ug/kg	170	39.
Benzoic Acid	ND		ug/kg	540	140
Benzyl Alcohol	ND		ug/kg	170	38.
Carbazole	ND		ug/kg	170	27.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	76		0-136
4-Terphenyl-d14	80		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: ARTPARK
Project Number: Y8057.20

Lab Number: L1119564
Report Date: 11/30/11

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG504206-2 WG504206-3								
Acenaphthene	78		82		31-137	5		50
1,2,4-Trichlorobenzene	81		84		38-107	4		50
2-Chloronaphthalene	90		105		40-140	15		50
1,2-Dichlorobenzene	77		80		40-140	4		50
1,4-Dichlorobenzene	76		82		28-104	8		50
2,4-Dinitrotoluene	89		**92**	Q	28-89	3		50
2,6-Dinitrotoluene	86		91		40-140	6		50
Fluoranthene	86		90		40-140	5		50
4-Chlorophenyl phenyl ether	83		87		40-140	5		50
n-Nitrosodi-n-propylamine	78		82		41-126	5		50
Butyl benzyl phthalate	84		88		40-140	5		50
Anthracene	86		90		40-140	5		50
Pyrene	84		87		35-142	4		50
P-Chloro-M-Cresol	94		100		26-103	6		50
2-Chlorophenol	85		88		25-102	3		50
2-Nitrophenol	83		88		30-130	6		50
4-Nitrophenol	88		92		11-114	4		50
2,4-Dinitrophenol	48		45		4-130	6		50
Pentachlorophenol	73		78		17-109	7		50
Phenol	78		82		31-133	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: ARTPARK
Project Number: Y8057.20

Lab Number: L1119564
Report Date: 11/30/11

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG504206-2 WG504206-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	89		92		25-120
Phenol-d6	84		89		10-120
Nitrobenzene-d5	88		92		23-120
2-Fluorobiphenyl	82		88		30-120
2,4,6-Tribromophenol	92		95		0-136
4-Terphenyl-d14	88		89		18-120

PCBS

Project Name: ARTPARK
Lab Number: L1119564
Project Number: Y8057.20
Report Date: 11/30/11

SAMPLE RESULTS

Lab ID:	L1119564-01	Date Collected:	11/21/11 11:00
Client ID:	TP-1	Date Received:	11/22/11
Sample Location:	LEWISTON, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	11/30/11 10:43
Analytical Date:	11/30/11 13:18	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	11/30/11
Percent Solids:	77%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	11/30/11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	42.9	8.47	1
Aroclor 1221	ND		ug/kg	42.9	12.9	1
Aroclor 1232	ND		ug/kg	42.9	9.11	1
Aroclor 1242	ND		ug/kg	42.9	8.14	1
Aroclor 1248	ND		ug/kg	42.9	5.19	1
Aroclor 1254	ND		ug/kg	42.9	6.76	1
Aroclor 1260	ND		ug/kg	42.9	7.44	1
Aroclor 1262	ND		ug/kg	42.9	3.17	1
Aroclor 1268	ND		ug/kg	42.9	6.22	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	75		30-150
Decachlorobiphenyl	**206**	Q	30-150
2,4,5,6-Tetrachloro-m-xylene	56		30-150
Decachlorobiphenyl	148		30-150

Project Name: ARTPARK **Lab Number:** L1119564

Project Number: Y8057.20 **Report Date:** 11/30/11

SAMPLE RESULTS

Lab ID:	L1119564-02	Date Collected:	11/21/11 11:45
Client ID:	TP-2	Date Received:	11/22/11
Sample Location:	LEWISTON, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	11/30/11 11:17
Analytical Date:	11/30/11 15:22	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	11/30/11
Percent Solids:	79%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	11/30/11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	81.0	16.0	2
Aroclor 1221	ND		ug/kg	81.0	24.4	2
Aroclor 1232	ND		ug/kg	81.0	17.2	2
Aroclor 1242	ND		ug/kg	81.0	15.4	2
Aroclor 1248	ND		ug/kg	81.0	9.80	2
Aroclor 1260	ND		ug/kg	81.0	14.0	2
Aroclor 1262	ND		ug/kg	81.0	5.99	2
Aroclor 1268	ND		ug/kg	81.0	11.7	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	61		30-150
Decachlorobiphenyl	91		30-150
2,4,5,6-Tetrachloro-m-xylene	68		30-150
Decachlorobiphenyl	136		30-150

Project Name: ARTPARK
Lab Number: L1119564
Project Number: Y8057.20
Report Date: 11/30/11

SAMPLE RESULTS

Lab ID:	L1119564-02	Date Collected:	11/21/11 11:45
Client ID:	TP-2	Date Received:	11/22/11
Sample Location:	LEWISTON, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	11/30/11 11:17
Analytical Date:	11/30/11 15:22	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	11/30/11
Percent Solids:	79%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	11/30/11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1254	501		ug/kg	81.0	12.8	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	61		30-150
Decachlorobiphenyl	91		30-150
2,4,5,6-Tetrachloro-m-xylene	68		30-150
Decachlorobiphenyl	136		30-150

Project Name: ARTPARK
Lab Number: L1119564
Project Number: Y8057.20
Report Date: 11/30/11

SAMPLE RESULTS

Lab ID:	L1119564-03	D	Date Collected:	11/21/11 12:30
Client ID:	TP-3		Date Received:	11/22/11
Sample Location:	LEWISTON, NY		Field Prep:	Not Specified
Matrix:	Soil		Extraction Method:	EPA 3546
Analytical Method:	1,8082		Extraction Date:	11/30/11 11:17
Analytical Date:	11/30/11 16:06		Cleanup Method1:	EPA 3665A
Analyst:	KB		Cleanup Date1:	11/30/11
Percent Solids:	76%		Cleanup Method2:	EPA 3660B
			Cleanup Date2:	11/30/11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	438	86.6	10
Aroclor 1221	ND		ug/kg	438	132.	10
Aroclor 1232	ND		ug/kg	438	93.1	10
Aroclor 1242	ND		ug/kg	438	83.2	10
Aroclor 1248	ND		ug/kg	438	53.0	10
Aroclor 1260	ND		ug/kg	438	76.1	10
Aroclor 1262	ND		ug/kg	438	32.4	10
Aroclor 1268	ND		ug/kg	438	63.6	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: ARTPARK
Lab Number: L1119564
Project Number: Y8057.20
Report Date: 11/30/11

SAMPLE RESULTS

Lab ID:	L1119564-03	D	Date Collected:	11/21/11 12:30
Client ID:	TP-3		Date Received:	11/22/11
Sample Location:	LEWISTON, NY		Field Prep:	Not Specified
Matrix:	Soil		Extraction Method:	EPA 3546
Analytical Method:	1,8082		Extraction Date:	11/30/11 11:17
Analytical Date:	11/30/11 16:06		Cleanup Method1:	EPA 3665A
Analyst:	KB		Cleanup Date1:	11/30/11
Percent Solids:	76%		Cleanup Method2:	EPA 3660B
			Cleanup Date2:	11/30/11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1254	1300		ug/kg	438	69.1	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: ARTPARK
Lab Number: L1119564
Project Number: Y8057.20
Report Date: 11/30/11

SAMPLE RESULTS

Lab ID:	L1119564-04	D	Date Collected:	11/21/11 13:15
Client ID:	TP-4		Date Received:	11/22/11
Sample Location:	LEWISTON, NY		Field Prep:	Not Specified
Matrix:	Soil		Extraction Method:	EPA 3546
Analytical Method:	1,8082		Extraction Date:	11/30/11 11:17
Analytical Date:	11/30/11 15:49		Cleanup Method1:	EPA 3665A
Analyst:	KB		Cleanup Date1:	11/30/11
Percent Solids:	78%		Cleanup Method2:	EPA 3660B
			Cleanup Date2:	11/30/11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	428	84.5	10
Aroclor 1221	ND		ug/kg	428	129.	10
Aroclor 1232	ND		ug/kg	428	90.9	10
Aroclor 1242	ND		ug/kg	428	81.2	10
Aroclor 1248	ND		ug/kg	428	51.8	10
Aroclor 1254	786		ug/kg	428	67.4	10
Aroclor 1260	601		ug/kg	428	74.3	10
Aroclor 1262	ND		ug/kg	428	31.6	10
Aroclor 1268	ND		ug/kg	428	62.1	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: ARTPARK

Project Number: Y8057.20

Lab Number: L1119564

Report Date: 11/30/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082
Analytical Date: 11/30/11 14:41
Analyst: KB

Extraction Method: EPA 3546
Extraction Date: 11/30/11 10:12
Cleanup Method1: EPA 3665A
Cleanup Date1: 11/30/11
Cleanup Method2: EPA 3660B
Cleanup Date2: 11/30/11

Parameter	Result	Qualifier	Units	RL	MDL
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-04 Batch: WG505244-1					
Aroclor 1016	ND		ug/kg	33.1	6.54
Aroclor 1221	ND		ug/kg	33.1	9.98
Aroclor 1232	ND		ug/kg	33.1	7.03
Aroclor 1242	ND		ug/kg	33.1	6.28
Aroclor 1248	ND		ug/kg	33.1	4.00
Aroclor 1254	ND		ug/kg	33.1	5.22
Aroclor 1260	ND		ug/kg	33.1	5.74
Aroclor 1262	ND		ug/kg	33.1	2.45
Aroclor 1268	ND		ug/kg	33.1	4.80

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	56		30-150
Decachlorobiphenyl	48		30-150
2,4,5,6-Tetrachloro-m-xylene	64		30-150
Decachlorobiphenyl	62		30-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: ARTPARK
Project Number: Y8057.20

Lab Number: L1119564
Report Date: 11/30/11

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG505244-2 WG505244-3								
Aroclor 1016	73		75		40-140	3		50
Aroclor 1260	69		69		40-140	0		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	84		76		30-150
Decachlorobiphenyl	75		62		30-150
2,4,5,6-Tetrachloro-m-xylene	85		85		30-150
Decachlorobiphenyl	80		76		30-150

PESTICIDES

Project Name: ARTPARK
Lab Number: L1119564
Project Number: Y8057.20
Report Date: 11/30/11

SAMPLE RESULTS

Lab ID:	L1119564-01	Date Collected:	11/21/11 11:00
Client ID:	TP-1	Date Received:	11/22/11
Sample Location:	LEWISTON, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081A	Extraction Date:	11/23/11 09:02
Analytical Date:	11/25/11 11:12	Cleanup Method1:	EPA 3620B
Analyst:	BW	Cleanup Date1:	11/23/11
Percent Solids:	77%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/kg	2.07	0.406	1
Lindane	ND		ug/kg	0.864	0.386	1
Alpha-BHC	ND		ug/kg	0.864	0.245	1
Beta-BHC	ND		ug/kg	2.07	0.786	1
Heptachlor	ND		ug/kg	1.04	0.465	1
Aldrin	ND		ug/kg	2.07	0.730	1
Heptachlor epoxide	ND		ug/kg	3.89	1.17	1
Endrin	ND		ug/kg	0.864	0.354	1
Endrin ketone	ND		ug/kg	2.07	0.534	1
Dieldrin	ND		ug/kg	1.30	0.648	1
4,4'-DDE	ND		ug/kg	2.07	0.480	1
4,4'-DDD	ND		ug/kg	2.07	0.740	1
4,4'-DDT	ND		ug/kg	3.89	1.67	1
Endosulfan I	ND		ug/kg	2.07	0.490	1
Endosulfan II	ND		ug/kg	2.07	0.693	1
Endosulfan sulfate	ND		ug/kg	0.864	0.395	1
Methoxychlor	ND		ug/kg	3.89	1.21	1
Toxaphene	ND		ug/kg	38.9	10.9	1
cis-Chlordane	ND		ug/kg	2.59	0.722	1
trans-Chlordane	ND		ug/kg	2.59	0.684	1
Chlordane	ND		ug/kg	16.8	6.87	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: ARTPARK
Lab Number: L1119564
Project Number: Y8057.20
Report Date: 11/30/11

SAMPLE RESULTS

Lab ID:	L1119564-01	Date Collected:	11/21/11 11:00
Client ID:	TP-1	Date Received:	11/22/11
Sample Location:	LEWISTON, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	11/23/11 23:32
Analytical Date:	11/27/11 11:41	Methylation Date:	11/26/11 02:05
Analyst:	SH		
Percent Solids:	77%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Chlorinated Herbicides by GC - Westborough Lab						
2,4-D	ND		ug/kg	211	84.4	1
2,4,5-T	ND		ug/kg	211	60.1	1
2,4,5-TP (Silvex)	ND		ug/kg	211	72.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	88		30-150	A
DCAA	111		30-150	B

Project Name: ARTPARK
Lab Number: L1119564
Project Number: Y8057.20
Report Date: 11/30/11

SAMPLE RESULTS

Lab ID:	L1119564-02	D	Date Collected:	11/21/11 11:45
Client ID:	TP-2		Date Received:	11/22/11
Sample Location:	LEWISTON, NY		Field Prep:	Not Specified
Matrix:	Soil		Extraction Method:	EPA 3546
Analytical Method:	1,8081A		Extraction Date:	11/29/11 11:40
Analytical Date:	11/29/11 17:10		Cleanup Method1:	EPA 3620B
Analyst:	BW		Cleanup Date1:	11/29/11
Percent Solids:	79%			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	6.53	J	ug/kg	19.6	3.84	10
Lindane	10.1	P	ug/kg	8.17	3.65	10
Alpha-BHC	ND		ug/kg	8.17	2.32	10
Beta-BHC	ND		ug/kg	19.6	7.43	10
Heptachlor	ND		ug/kg	9.80	4.39	10
Aldrin	ND		ug/kg	19.6	6.90	10
Heptachlor epoxide	ND		ug/kg	36.7	11.0	10
Endrin	ND		ug/kg	8.17	3.35	10
Endrin ketone	ND		ug/kg	19.6	5.05	10
Dieldrin	ND		ug/kg	12.2	6.12	10
4,4'-DDE	ND		ug/kg	19.6	4.53	10
4,4'-DDD	ND		ug/kg	19.6	6.99	10
4,4'-DDT	ND		ug/kg	36.7	15.8	10
Endosulfan I	ND		ug/kg	19.6	4.63	10
Endosulfan II	ND		ug/kg	19.6	6.55	10
Endosulfan sulfate	ND		ug/kg	8.17	3.73	10
Methoxychlor	ND		ug/kg	36.7	11.4	10
Toxaphene	ND		ug/kg	367	103.	10
cis-Chlordane	ND		ug/kg	24.5	6.83	10
trans-Chlordane	ND		ug/kg	24.5	6.47	10
Chlordane	ND		ug/kg	159	64.9	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	132		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	**156**	Q	30-150	B

Project Name: ARTPARK
Lab Number: L1119564
Project Number: Y8057.20
Report Date: 11/30/11

SAMPLE RESULTS

Lab ID:	L1119564-02	D	Date Collected:	11/21/11 11:45
Client ID:	TP-2		Date Received:	11/22/11
Sample Location:	LEWISTON, NY		Field Prep:	Not Specified
Matrix:	Soil		Extraction Method:	EPA 8151A
Analytical Method:	1,8151A		Extraction Date:	11/23/11 23:32
Analytical Date:	11/28/11 15:03		Methylation Date:	11/26/11 02:05
Analyst:	SH			
Percent Solids:	79%			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Chlorinated Herbicides by GC - Westborough Lab						
2,4-D	ND		ug/kg	2050	820.	10
2,4,5-T	ND		ug/kg	2050	584.	10
2,4,5-TP (Silvex)	ND		ug/kg	2050	707.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	0	Q	30-150	A
DCAA	0	Q	30-150	B

Project Name: ARTPARK
Lab Number: L1119564
Project Number: Y8057.20
Report Date: 11/30/11

SAMPLE RESULTS

Lab ID:	L1119564-03	Date Collected:	11/21/11 12:30
Client ID:	TP-3	Date Received:	11/22/11
Sample Location:	LEWISTON, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	11/23/11 23:32
Analytical Date:	11/27/11 10:41	Methylation Date:	11/26/11 02:05
Analyst:	SH		
Percent Solids:	76%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Chlorinated Herbicides by GC - Westborough Lab						
2,4-D	ND		ug/kg	219	87.7	1
2,4,5-T	ND		ug/kg	219	62.4	1
2,4,5-TP (Silvex)	ND		ug/kg	219	75.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	92		30-150	A
DCAA	125		30-150	B

Project Name: ARTPARK **Lab Number:** L1119564

Project Number: Y8057.20 **Report Date:** 11/30/11

SAMPLE RESULTS

Lab ID:	L1119564-03	D	Date Collected:	11/21/11 12:30
Client ID:	TP-3		Date Received:	11/22/11
Sample Location:	LEWISTON, NY		Field Prep:	Not Specified
Matrix:	Soil		Extraction Method:	EPA 3546
Analytical Method:	1,8081A		Extraction Date:	11/23/11 09:02
Analytical Date:	11/25/11 11:37		Cleanup Method1:	EPA 3620B
Analyst:	BW		Cleanup Date1:	11/23/11
Percent Solids:	76%			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/kg	20.7	4.05	10
Lindane	ND		ug/kg	8.61	3.85	10
Alpha-BHC	ND		ug/kg	8.61	2.44	10
Beta-BHC	ND		ug/kg	20.7	7.84	10
Heptachlor	ND		ug/kg	10.3	4.63	10
Aldrin	ND		ug/kg	20.7	7.28	10
Heptachlor epoxide	ND		ug/kg	38.8	11.6	10
Endrin	ND		ug/kg	8.61	3.53	10
Endrin ketone	ND		ug/kg	20.7	5.32	10
Dieldrin	ND		ug/kg	12.9	6.46	10
4,4'-DDE	ND		ug/kg	20.7	4.78	10
4,4'-DDD	ND		ug/kg	20.7	7.37	10
4,4'-DDT	ND		ug/kg	38.8	16.6	10
Endosulfan I	ND		ug/kg	20.7	4.88	10
Endosulfan II	ND		ug/kg	20.7	6.91	10
Endosulfan sulfate	ND		ug/kg	8.61	3.94	10
Methoxychlor	ND		ug/kg	38.8	12.0	10
Toxaphene	ND		ug/kg	388	108.	10
cis-Chlordane	ND		ug/kg	25.8	7.20	10
trans-Chlordane	ND		ug/kg	25.8	6.82	10
Chlordane	ND		ug/kg	168	68.4	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**408**	Q	30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	**719**	Q	30-150	B
Decachlorobiphenyl	128		30-150	B

Project Name: ARTPARK **Lab Number:** L1119564

Project Number: Y8057.20 **Report Date:** 11/30/11

SAMPLE RESULTS

Lab ID:	L1119564-04	D	Date Collected:	11/21/11 13:15
Client ID:	TP-4		Date Received:	11/22/11
Sample Location:	LEWISTON, NY		Field Prep:	Not Specified
Matrix:	Soil		Extraction Method:	EPA 3546
Analytical Method:	1,8081A		Extraction Date:	11/29/11 11:40
Analytical Date:	11/29/11 17:23		Cleanup Method1:	EPA 3620B
Analyst:	BW		Cleanup Date1:	11/29/11
Percent Solids:	78%			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/kg	40.4	7.91	20
Lindane	ND		ug/kg	16.8	7.52	20
Alpha-BHC	ND		ug/kg	16.8	4.78	20
Beta-BHC	23.7	J	ug/kg	40.4	15.3	20
Heptachlor	ND		ug/kg	20.2	9.06	20
Aldrin	ND		ug/kg	40.4	14.2	20
Heptachlor epoxide	ND		ug/kg	75.8	22.7	20
Endrin	ND		ug/kg	16.8	6.90	20
Endrin ketone	ND		ug/kg	40.4	10.4	20
Dieldrin	ND		ug/kg	25.2	12.6	20
4,4'-DDE	ND		ug/kg	40.4	9.34	20
4,4'-DDD	ND		ug/kg	40.4	14.4	20
4,4'-DDT	ND		ug/kg	75.8	32.5	20
Endosulfan I	ND		ug/kg	40.4	9.54	20
Endosulfan II	ND		ug/kg	40.4	13.5	20
Endosulfan sulfate	ND		ug/kg	16.8	7.69	20
Methoxychlor	ND		ug/kg	75.8	23.6	20
Toxaphene	ND		ug/kg	758	212.	20
cis-Chlordane	ND		ug/kg	50.5	14.1	20
trans-Chlordane	ND		ug/kg	50.5	13.3	20
Chlordane	ND		ug/kg	328	134.	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	**698**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	**669**	Q	30-150	B

Project Name: ARTPARK
Lab Number: L1119564
Project Number: Y8057.20
Report Date: 11/30/11

SAMPLE RESULTS

Lab ID:	L1119564-04	D	Date Collected:	11/21/11 13:15
Client ID:	TP-4		Date Received:	11/22/11
Sample Location:	LEWISTON, NY		Field Prep:	Not Specified
Matrix:	Soil		Extraction Method:	EPA 8151A
Analytical Method:	1,8151A		Extraction Date:	11/23/11 23:32
Analytical Date:	11/28/11 15:24		Methylation Date:	11/26/11 02:06
Analyst:	SH			
Percent Solids:	78%			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Chlorinated Herbicides by GC - Westborough Lab						
2,4-D	ND		ug/kg	2070	829.	10
2,4,5-T	ND		ug/kg	2070	590.	10
2,4,5-TP (Silvex)	ND		ug/kg	2070	714.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	**0**	Q	30-150	A
DCAA	**0**	Q	30-150	B

Project Name: ARTPARK
Project Number: Y8057.20

Lab Number: L1119564
Report Date: 11/30/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081A
Analytical Date: 11/28/11 08:55
Analyst: BW

Extraction Method: EPA 3546
Extraction Date: 11/23/11 09:02
Cleanup Method1: EPA 3620B
Cleanup Date1: 11/23/11

Parameter	Result	Qualifier	Units	RL	MDL
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03 Batch: WG504196-1					
Delta-BHC	ND		ug/kg	1.58	0.309
Lindane	ND		ug/kg	0.657	0.294
Alpha-BHC	ND		ug/kg	0.657	0.187
Beta-BHC	ND		ug/kg	1.58	0.598
Heptachlor	ND		ug/kg	0.789	0.354
Aldrin	ND		ug/kg	1.58	0.556
Heptachlor epoxide	ND		ug/kg	2.96	0.888
Endrin	ND		ug/kg	0.657	0.270
Endrin ketone	ND		ug/kg	1.58	0.406
Dieldrin	ND		ug/kg	0.986	0.493
4,4'-DDE	ND		ug/kg	1.58	0.365
4,4'-DDD	ND		ug/kg	1.58	0.563
4,4'-DDT	ND		ug/kg	2.96	1.27
Endosulfan I	ND		ug/kg	1.58	0.373
Endosulfan II	ND		ug/kg	1.58	0.527
Endosulfan sulfate	ND		ug/kg	0.657	0.300
Methoxychlor	ND		ug/kg	2.96	0.920
Toxaphene	ND		ug/kg	29.6	8.28
cis-Chlordane	ND		ug/kg	1.97	0.550
trans-Chlordane	ND		ug/kg	1.97	0.521
Chlordane	ND		ug/kg	12.8	5.23

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	124		30-150	A
Decachlorobiphenyl	105		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		30-150	B
Decachlorobiphenyl	115		30-150	B

Project Name: ARTPARK
Project Number: Y8057.20

Lab Number: L1119564
Report Date: 11/30/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 11/27/11 09:41
Analyst: SH

Extraction Method: EPA 8151A
Extraction Date: 11/23/11 23:32

Methylation Date: 11/26/11 02:05

Parameter	Result	Qualifier	Units	RL	MDL
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-04 Batch: WG504403-1					
2,4-D	ND		ug/kg	166	66.2
2,4,5-T	ND		ug/kg	166	47.1
2,4,5-TP (Silvex)	ND		ug/kg	166	57.0

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	138		30-150	A
DCAA	81		30-150	B

Project Name: ARTPARK
Project Number: Y8057.20

Lab Number: L1119564
Report Date: 11/30/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081A
Analytical Date: 11/29/11 16:04
Analyst: BW

Extraction Method: EPA 3546
Extraction Date: 11/29/11 11:40
Cleanup Method1: EPA 3620B
Cleanup Date1: 11/29/11

Parameter	Result	Qualifier	Units	RL	MDL
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02,04 Batch: WG504991-1					
Delta-BHC	ND		ug/kg	1.58	0.309
Lindane	ND		ug/kg	0.657	0.294
Alpha-BHC	ND		ug/kg	0.657	0.186
Beta-BHC	ND		ug/kg	1.58	0.598
Heptachlor	ND		ug/kg	0.788	0.353
Aldrin	ND		ug/kg	1.58	0.555
Heptachlor epoxide	ND		ug/kg	2.96	0.887
Endrin	ND		ug/kg	0.657	0.269
Endrin ketone	ND		ug/kg	1.58	0.406
Dieldrin	ND		ug/kg	0.986	0.493
4,4'-DDE	ND		ug/kg	1.58	0.365
4,4'-DDD	ND		ug/kg	1.58	0.562
4,4'-DDT	ND		ug/kg	2.96	1.27
Endosulfan I	ND		ug/kg	1.58	0.372
Endosulfan II	ND		ug/kg	1.58	0.527
Endosulfan sulfate	ND		ug/kg	0.657	0.300
Methoxychlor	ND		ug/kg	2.96	0.920
Toxaphene	ND		ug/kg	29.6	8.28
cis-Chlordane	ND		ug/kg	1.97	0.549
trans-Chlordane	ND		ug/kg	1.97	0.520
Chlordane	ND		ug/kg	12.8	5.22

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	105		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ARTPARK
Project Number: Y8057.20

Lab Number: L1119564
Report Date: 11/30/11

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03 Batch: WG504196-2 WG504196-3								
Delta-BHC	86		84		30-150	2		30
Lindane	96		90		30-150	6		30
Alpha-BHC	102		95		30-150	7		30
Beta-BHC	90		86		30-150	5		30
Heptachlor	98		93		30-150	5		30
Aldrin	101		93		30-150	8		30
Heptachlor epoxide	98		90		30-150	9		30
Endrin	108		100		30-150	8		30
Endrin ketone	89		80		30-150	11		30
Dieldrin	106		97		30-150	9		30
4,4'-DDE	106		98		30-150	8		30
4,4'-DDD	99		91		30-150	8		30
4,4'-DDT	98		91		30-150	7		30
Endosulfan I	103		95		30-150	8		30
Endosulfan II	104		94		30-150	10		30
Endosulfan sulfate	100		90		30-150	11		30
Methoxychlor	101		90		30-150	12		30
cis-Chlordane	104		96		30-150	8		30
trans-Chlordane	103		95		30-150	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: ARTPARK
Project Number: Y8057.20

Lab Number: L1119564
Report Date: 11/30/11

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03 Batch: WG504196-2 WG504196-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	104		92		30-150	A
Decachlorobiphenyl	92		82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		73		30-150	B
Decachlorobiphenyl	101		90		30-150	B

Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG504403-2 WG504403-3

2,4-D	120	100	30-150	18	30
2,4,5-T	124	102	30-150	19	30
2,4,5-TP (Silvex)	118	98	30-150	19	30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	95		78		30-150	A
DCAA	103		83		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ARTPARK
Project Number: Y8057.20

Lab Number: L1119564
Report Date: 11/30/11

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02,04 Batch: WG504991-2 WG504991-3								
Delta-BHC	83		75		30-150	10		30
Lindane	84		74		30-150	13		30
Alpha-BHC	84		72		30-150	15		30
Beta-BHC	86		79		30-150	8		30
Heptachlor	91		81		30-150	12		30
Aldrin	91		82		30-150	10		30
Heptachlor epoxide	94		85		30-150	10		30
Endrin	97		86		30-150	12		30
Endrin ketone	73		64		30-150	13		30
Dieldrin	102		90		30-150	13		30
4,4'-DDE	102		90		30-150	13		30
4,4'-DDD	95		84		30-150	12		30
4,4'-DDT	91		80		30-150	13		30
Endosulfan I	97		87		30-150	11		30
Endosulfan II	91		83		30-150	9		30
Endosulfan sulfate	76		69		30-150	10		30
Methoxychlor	80		72		30-150	11		30
cis-Chlordane	89		79		30-150	12		30
trans-Chlordane	96		96		30-150	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: ARTPARK
Project Number: Y8057.20

Lab Number: L1119564
Report Date: 11/30/11

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02,04 Batch: WG504991-2 WG504991-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		70		30-150	A
Decachlorobiphenyl	53		54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		57		30-150	B
Decachlorobiphenyl	108		94		30-150	B

METALS

Project Name: ARTPARK
Project Number: Y8057.20
Lab Number: L1119564
Report Date: 11/30/11

SAMPLE RESULTS

Lab ID: L1119564-01
Client ID: TP-1
Sample Location: LEWISTON, NY
Matrix: Soil
Percent Solids: 77%

Date Collected: 11/21/11 11:00
Date Received: 11/22/11
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	13000		mg/kg	9.9	2.2	2	11/23/11 09:30	11/23/11 14:37	EPA 3050B	1,6010B	MG
Antimony, Total	18		mg/kg	5.0	0.95	2	11/23/11 09:30	11/23/11 14:37	EPA 3050B	1,6010B	MG
Arsenic, Total	10		mg/kg	0.99	0.34	2	11/23/11 09:30	11/23/11 14:37	EPA 3050B	1,6010B	MG
Barium, Total	70		mg/kg	0.99	0.08	2	11/23/11 09:30	11/23/11 14:37	EPA 3050B	1,6010B	MG
Beryllium, Total	0.56		mg/kg	0.50	0.04	2	11/23/11 09:30	11/23/11 14:37	EPA 3050B	1,6010B	MG
Cadmium, Total	ND		mg/kg	0.99	0.06	2	11/23/11 09:30	11/23/11 14:37	EPA 3050B	1,6010B	MG
Calcium, Total	3500		mg/kg	9.9	2.2	2	11/23/11 09:30	11/23/11 14:37	EPA 3050B	1,6010B	MG
Chromium, Total	44		mg/kg	0.99	0.20	2	11/23/11 09:30	11/23/11 14:37	EPA 3050B	1,6010B	MG
Cobalt, Total	9.0		mg/kg	2.0	0.21	2	11/23/11 09:30	11/23/11 14:37	EPA 3050B	1,6010B	MG
Copper, Total	400		mg/kg	0.99	0.46	2	11/23/11 09:30	11/23/11 14:37	EPA 3050B	1,6010B	MG
Iron, Total	23000		mg/kg	5.0	1.7	2	11/23/11 09:30	11/23/11 14:37	EPA 3050B	1,6010B	MG
Lead, Total	110		mg/kg	5.0	0.28	2	11/23/11 09:30	11/23/11 14:37	EPA 3050B	1,6010B	MG
Magnesium, Total	6400		mg/kg	9.9	4.4	2	11/23/11 09:30	11/23/11 14:37	EPA 3050B	1,6010B	MG
Manganese, Total	200		mg/kg	0.99	0.10	2	11/23/11 09:30	11/23/11 14:37	EPA 3050B	1,6010B	MG
Mercury, Total	0.10	J	mg/kg	0.12	0.03	1	11/28/11 18:40	11/29/11 11:30	EPA 7471A	1,7471A	JP
Nickel, Total	27		mg/kg	2.5	0.28	2	11/23/11 09:30	11/23/11 14:37	EPA 3050B	1,6010B	MG
Potassium, Total	2300		mg/kg	250	79.	2	11/23/11 09:30	11/23/11 14:37	EPA 3050B	1,6010B	MG
Selenium, Total	0.71	J	mg/kg	2.0	0.32	2	11/23/11 09:30	11/23/11 14:37	EPA 3050B	1,6010B	MG
Silver, Total	0.72	J	mg/kg	0.99	0.16	2	11/23/11 09:30	11/23/11 14:37	EPA 3050B	1,6010B	MG
Sodium, Total	160	J	mg/kg	200	79.	2	11/23/11 09:30	11/23/11 14:37	EPA 3050B	1,6010B	MG
Thallium, Total	1.7	J	mg/kg	2.0	0.62	2	11/23/11 09:30	11/23/11 14:37	EPA 3050B	1,6010B	MG
Vanadium, Total	22		mg/kg	0.99	0.22	2	11/23/11 09:30	11/23/11 14:37	EPA 3050B	1,6010B	MG
Zinc, Total	60		mg/kg	5.0	0.54	2	11/23/11 09:30	11/23/11 14:37	EPA 3050B	1,6010B	MG

Project Name: ARTPARK
Project Number: Y8057.20
Lab Number: L1119564
Report Date: 11/30/11

SAMPLE RESULTS

Lab ID: L1119564-02
Client ID: TP-2
Sample Location: LEWISTON, NY
Matrix: Soil
Percent Solids: 79%

Date Collected: 11/21/11 11:45
Date Received: 11/22/11
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	1100		mg/kg	9.6	2.1	2	11/23/11 09:30	11/23/11 14:40	EPA 3050B	1,6010B	MG
Antimony, Total	110		mg/kg	4.8	0.92	2	11/23/11 09:30	11/23/11 14:40	EPA 3050B	1,6010B	MG
Arsenic, Total	4.3		mg/kg	0.96	0.33	2	11/23/11 09:30	11/23/11 14:40	EPA 3050B	1,6010B	MG
Barium, Total	56		mg/kg	0.96	0.08	2	11/23/11 09:30	11/23/11 14:40	EPA 3050B	1,6010B	MG
Beryllium, Total	0.06	J	mg/kg	0.48	0.03	2	11/23/11 09:30	11/23/11 14:40	EPA 3050B	1,6010B	MG
Cadmium, Total	0.19	J	mg/kg	0.96	0.06	2	11/23/11 09:30	11/23/11 14:40	EPA 3050B	1,6010B	MG
Calcium, Total	16000		mg/kg	9.6	2.1	2	11/23/11 09:30	11/23/11 14:40	EPA 3050B	1,6010B	MG
Chromium, Total	14		mg/kg	0.96	0.19	2	11/23/11 09:30	11/23/11 14:40	EPA 3050B	1,6010B	MG
Cobalt, Total	1.0	J	mg/kg	1.9	0.21	2	11/23/11 09:30	11/23/11 14:40	EPA 3050B	1,6010B	MG
Copper, Total	42		mg/kg	0.96	0.44	2	11/23/11 09:30	11/23/11 14:40	EPA 3050B	1,6010B	MG
Iron, Total	8200		mg/kg	4.8	1.7	2	11/23/11 09:30	11/23/11 14:40	EPA 3050B	1,6010B	MG
Lead, Total	500		mg/kg	4.8	0.27	2	11/23/11 09:30	11/23/11 14:40	EPA 3050B	1,6010B	MG
Magnesium, Total	2700		mg/kg	9.6	4.3	2	11/23/11 09:30	11/23/11 14:40	EPA 3050B	1,6010B	MG
Manganese, Total	52		mg/kg	0.96	0.10	2	11/23/11 09:30	11/23/11 14:40	EPA 3050B	1,6010B	MG
Mercury, Total	1.7		mg/kg	0.11	0.02	1	11/28/11 18:40	11/29/11 11:31	EPA 7471A	1,7471A	JP
Nickel, Total	19		mg/kg	2.4	0.27	2	11/23/11 09:30	11/23/11 14:40	EPA 3050B	1,6010B	MG
Potassium, Total	410		mg/kg	240	77.	2	11/23/11 09:30	11/23/11 14:40	EPA 3050B	1,6010B	MG
Selenium, Total	0.51	J	mg/kg	1.9	0.31	2	11/23/11 09:30	11/23/11 14:40	EPA 3050B	1,6010B	MG
Silver, Total	1.3		mg/kg	0.96	0.16	2	11/23/11 09:30	11/23/11 14:40	EPA 3050B	1,6010B	MG
Sodium, Total	110	J	mg/kg	190	76.	2	11/23/11 09:30	11/23/11 14:40	EPA 3050B	1,6010B	MG
Thallium, Total	0.63	J	mg/kg	1.9	0.60	2	11/23/11 09:30	11/23/11 14:40	EPA 3050B	1,6010B	MG
Vanadium, Total	3.7		mg/kg	0.96	0.21	2	11/23/11 09:30	11/23/11 14:40	EPA 3050B	1,6010B	MG
Zinc, Total	30		mg/kg	4.8	0.52	2	11/23/11 09:30	11/23/11 14:40	EPA 3050B	1,6010B	MG

Project Name: ARTPARK
Project Number: Y8057.20
Lab Number: L1119564
Report Date: 11/30/11

SAMPLE RESULTS

Lab ID: L1119564-03
Client ID: TP-3
Sample Location: LEWISTON, NY
Matrix: Soil
Percent Solids: 76%

Date Collected: 11/21/11 12:30
Date Received: 11/22/11
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	6100		mg/kg	9.9	2.2	2	11/23/11 09:30	11/23/11 14:42	EPA 3050B	1,6010B	MG
Antimony, Total	13		mg/kg	4.9	0.94	2	11/23/11 09:30	11/23/11 14:42	EPA 3050B	1,6010B	MG
Arsenic, Total	9.8		mg/kg	0.99	0.34	2	11/23/11 09:30	11/23/11 14:42	EPA 3050B	1,6010B	MG
Barium, Total	260		mg/kg	0.99	0.08	2	11/23/11 09:30	11/23/11 14:42	EPA 3050B	1,6010B	MG
Beryllium, Total	0.93		mg/kg	0.49	0.04	2	11/23/11 09:30	11/23/11 14:42	EPA 3050B	1,6010B	MG
Cadmium, Total	0.97	J	mg/kg	0.99	0.06	2	11/23/11 09:30	11/23/11 14:42	EPA 3050B	1,6010B	MG
Calcium, Total	16000		mg/kg	9.9	2.1	2	11/23/11 09:30	11/23/11 14:42	EPA 3050B	1,6010B	MG
Chromium, Total	37		mg/kg	0.99	0.20	2	11/23/11 09:30	11/23/11 14:42	EPA 3050B	1,6010B	MG
Cobalt, Total	42		mg/kg	2.0	0.21	2	11/23/11 09:30	11/23/11 14:42	EPA 3050B	1,6010B	MG
Copper, Total	71		mg/kg	0.99	0.46	2	11/23/11 09:30	11/23/11 14:42	EPA 3050B	1,6010B	MG
Iron, Total	26000		mg/kg	4.9	1.7	2	11/23/11 09:30	11/23/11 14:42	EPA 3050B	1,6010B	MG
Lead, Total	1200		mg/kg	4.9	0.28	2	11/23/11 09:30	11/23/11 14:42	EPA 3050B	1,6010B	MG
Magnesium, Total	5100		mg/kg	9.9	4.4	2	11/23/11 09:30	11/23/11 14:42	EPA 3050B	1,6010B	MG
Manganese, Total	160		mg/kg	0.99	0.10	2	11/23/11 09:30	11/23/11 14:42	EPA 3050B	1,6010B	MG
Mercury, Total	ND		mg/kg	0.11	0.02	1	11/28/11 18:40	11/29/11 11:33	EPA 7471A	1,7471A	JP
Nickel, Total	200		mg/kg	2.5	0.28	2	11/23/11 09:30	11/23/11 14:42	EPA 3050B	1,6010B	MG
Potassium, Total	450		mg/kg	250	79.	2	11/23/11 09:30	11/23/11 14:42	EPA 3050B	1,6010B	MG
Selenium, Total	0.69	J	mg/kg	2.0	0.32	2	11/23/11 09:30	11/23/11 14:42	EPA 3050B	1,6010B	MG
Silver, Total	1.2		mg/kg	0.99	0.16	2	11/23/11 09:30	11/23/11 14:42	EPA 3050B	1,6010B	MG
Sodium, Total	720		mg/kg	200	79.	2	11/23/11 09:30	11/23/11 14:42	EPA 3050B	1,6010B	MG
Thallium, Total	1.8	J	mg/kg	2.0	0.62	2	11/23/11 09:30	11/23/11 14:42	EPA 3050B	1,6010B	MG
Vanadium, Total	15		mg/kg	0.99	0.22	2	11/23/11 09:30	11/23/11 14:42	EPA 3050B	1,6010B	MG
Zinc, Total	220		mg/kg	4.9	0.53	2	11/23/11 09:30	11/23/11 14:42	EPA 3050B	1,6010B	MG

Project Name: ARTPARK
Project Number: Y8057.20
Lab Number: L1119564
Report Date: 11/30/11

SAMPLE RESULTS

Lab ID: L1119564-04
Client ID: TP-4
Sample Location: LEWISTON, NY
Matrix: Soil
Percent Solids: 78%

Date Collected: 11/21/11 13:15
Date Received: 11/22/11
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	12000		mg/kg	9.7	2.2	2	11/23/11 09:30	11/23/11 14:45	EPA 3050B	1,6010B	MG
Antimony, Total	240		mg/kg	4.9	0.93	2	11/23/11 09:30	11/23/11 14:45	EPA 3050B	1,6010B	MG
Arsenic, Total	9.8		mg/kg	0.97	0.33	2	11/23/11 09:30	11/23/11 14:45	EPA 3050B	1,6010B	MG
Barium, Total	62		mg/kg	0.97	0.08	2	11/23/11 09:30	11/23/11 14:45	EPA 3050B	1,6010B	MG
Beryllium, Total	0.64		mg/kg	0.49	0.03	2	11/23/11 09:30	11/23/11 14:45	EPA 3050B	1,6010B	MG
Cadmium, Total	ND		mg/kg	0.97	0.06	2	11/23/11 09:30	11/23/11 14:45	EPA 3050B	1,6010B	MG
Calcium, Total	58000		mg/kg	240	53.	50	11/23/11 09:30	11/23/11 16:10	EPA 3050B	1,6010B	MG
Chromium, Total	17		mg/kg	0.97	0.20	2	11/23/11 09:30	11/23/11 14:45	EPA 3050B	1,6010B	MG
Cobalt, Total	10		mg/kg	1.9	0.21	2	11/23/11 09:30	11/23/11 14:45	EPA 3050B	1,6010B	MG
Copper, Total	27		mg/kg	0.97	0.45	2	11/23/11 09:30	11/23/11 14:45	EPA 3050B	1,6010B	MG
Iron, Total	19000		mg/kg	4.9	1.7	2	11/23/11 09:30	11/23/11 14:45	EPA 3050B	1,6010B	MG
Lead, Total	62		mg/kg	4.9	0.27	2	11/23/11 09:30	11/23/11 14:45	EPA 3050B	1,6010B	MG
Magnesium, Total	21000		mg/kg	9.7	4.4	2	11/23/11 09:30	11/23/11 14:45	EPA 3050B	1,6010B	MG
Manganese, Total	520		mg/kg	0.97	0.10	2	11/23/11 09:30	11/23/11 14:45	EPA 3050B	1,6010B	MG
Mercury, Total	0.29		mg/kg	0.11	0.02	1	11/28/11 18:40	11/29/11 11:04	EPA 7471A	1,7471A	JP
Nickel, Total	25		mg/kg	2.4	0.27	2	11/23/11 09:30	11/23/11 14:45	EPA 3050B	1,6010B	MG
Potassium, Total	3100		mg/kg	240	78.	2	11/23/11 09:30	11/23/11 14:45	EPA 3050B	1,6010B	MG
Selenium, Total	1.3	J	mg/kg	1.9	0.32	2	11/23/11 09:30	11/23/11 14:45	EPA 3050B	1,6010B	MG
Silver, Total	0.44	J	mg/kg	0.97	0.16	2	11/23/11 09:30	11/23/11 14:45	EPA 3050B	1,6010B	MG
Sodium, Total	250		mg/kg	190	77.	2	11/23/11 09:30	11/23/11 14:45	EPA 3050B	1,6010B	MG
Thallium, Total	1.8	J	mg/kg	1.9	0.61	2	11/23/11 09:30	11/23/11 14:45	EPA 3050B	1,6010B	MG
Vanadium, Total	34		mg/kg	0.97	0.22	2	11/23/11 09:30	11/23/11 14:45	EPA 3050B	1,6010B	MG
Zinc, Total	100		mg/kg	4.9	0.53	2	11/23/11 09:30	11/23/11 14:45	EPA 3050B	1,6010B	MG

Project Name: ARTPARK
Project Number: Y8057.20

Lab Number: L1119564
Report Date: 11/30/11

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-04 Batch: WG504216-1										
Aluminum, Total	ND		mg/kg	4.0	0.89	1	11/23/11 09:30	11/23/11 13:55	1,6010B	MG
Antimony, Total	ND		mg/kg	2.0	0.38	1	11/23/11 09:30	11/23/11 13:55	1,6010B	MG
Arsenic, Total	ND		mg/kg	0.40	0.14	1	11/23/11 09:30	11/23/11 13:55	1,6010B	MG
Barium, Total	ND		mg/kg	0.40	0.03	1	11/23/11 09:30	11/23/11 13:55	1,6010B	MG
Beryllium, Total	ND		mg/kg	0.20	0.01	1	11/23/11 09:30	11/23/11 13:55	1,6010B	MG
Cadmium, Total	ND		mg/kg	0.40	0.03	1	11/23/11 09:30	11/23/11 13:55	1,6010B	MG
Calcium, Total	ND		mg/kg	4.0	0.87	1	11/23/11 09:30	11/23/11 13:55	1,6010B	MG
Chromium, Total	ND		mg/kg	0.40	0.08	1	11/23/11 09:30	11/23/11 13:55	1,6010B	MG
Cobalt, Total	ND		mg/kg	0.80	0.09	1	11/23/11 09:30	11/23/11 13:55	1,6010B	MG
Copper, Total	ND		mg/kg	0.40	0.18	1	11/23/11 09:30	11/23/11 13:55	1,6010B	MG
Iron, Total	1.5	J	mg/kg	2.0	0.69	1	11/23/11 09:30	11/23/11 13:55	1,6010B	MG
Lead, Total	ND		mg/kg	2.0	0.11	1	11/23/11 09:30	11/23/11 13:55	1,6010B	MG
Magnesium, Total	ND		mg/kg	4.0	1.8	1	11/23/11 09:30	11/23/11 13:55	1,6010B	MG
Manganese, Total	ND		mg/kg	0.40	0.04	1	11/23/11 09:30	11/23/11 13:55	1,6010B	MG
Nickel, Total	ND		mg/kg	1.0	0.11	1	11/23/11 09:30	11/23/11 13:55	1,6010B	MG
Potassium, Total	ND		mg/kg	100	32.	1	11/23/11 09:30	11/23/11 13:55	1,6010B	MG
Selenium, Total	ND		mg/kg	0.80	0.13	1	11/23/11 09:30	11/23/11 13:55	1,6010B	MG
Silver, Total	ND		mg/kg	0.40	0.07	1	11/23/11 09:30	11/23/11 13:55	1,6010B	MG
Sodium, Total	ND		mg/kg	80	32.	1	11/23/11 09:30	11/23/11 13:55	1,6010B	MG
Thallium, Total	ND		mg/kg	0.80	0.25	1	11/23/11 09:30	11/23/11 13:55	1,6010B	MG
Vanadium, Total	ND		mg/kg	0.40	0.09	1	11/23/11 09:30	11/23/11 13:55	1,6010B	MG
Zinc, Total	ND		mg/kg	2.0	0.22	1	11/23/11 09:30	11/23/11 13:55	1,6010B	MG

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-04 Batch: WG504859-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	11/28/11 18:40	11/29/11 10:58	1,7471A	JP

Project Name: ARTPARK
Project Number: Y8057.20

Lab Number: L1119564
Report Date: 11/30/11

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471A

Lab Control Sample Analysis
Batch Quality Control

Project Name: ARTPARK
Project Number: Y8057.20

Lab Number: L1119564
Report Date: 11/30/11

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-04 Batch: WG504216-2								
Aluminum, Total	93		-		75-125	-		
Antimony, Total	89		-		75-125	-		
Arsenic, Total	98		-		75-125	-		
Barium, Total	93		-		75-125	-		
Beryllium, Total	94		-		75-125	-		
Cadmium, Total	95		-		75-125	-		
Calcium, Total	89		-		75-125	-		
Chromium, Total	93		-		75-125	-		
Cobalt, Total	94		-		75-125	-		
Copper, Total	92		-		75-125	-		
Iron, Total	93		-		75-125	-		
Lead, Total	95		-		75-125	-		
Magnesium, Total	93		-		75-125	-		
Manganese, Total	92		-		75-125	-		
Nickel, Total	92		-		75-125	-		
Potassium, Total	92		-		75-125	-		
Selenium, Total	93		-		75-125	-		
Silver, Total	100		-		75-125	-		
Sodium, Total	93		-		75-125	-		
Thallium, Total	92		-		75-125	-		
Vanadium, Total	92		-		75-125	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ARTPARK
Project Number: Y8057.20

Lab Number: L1119564
Report Date: 11/30/11

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-04 Batch: WG504216-2					
Zinc, Total	92	-	75-125	-	
Total Metals - Westborough Lab Associated sample(s): 01-04 Batch: WG504859-2 SRM Lot Number: 0518-10-02					
Mercury, Total	98	-	67-133	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ARTPARK
Project Number: Y8057.20

Lab Number: L1119564
Report Date: 11/30/11

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG504216-4 QC Sample: L1119506-07 Client ID: MS Sample												
Aluminum, Total	12000	168	11000	**0**		-	-		75-125	-		35
Antimony, Total	2.1J	42.1	23	**55**	Q	-	-		75-125	-		35
Arsenic, Total	14.	10.1	21	**69**	Q	-	-		75-125	-		35
Barium, Total	24.	168	180	93		-	-		75-125	-		35
Beryllium, Total	1.0	4.21	4.9	93		-	-		75-125	-		35
Cadmium, Total	ND	4.29	3.8	88		-	-		75-125	-		35
Calcium, Total	2600	842	3100	**59**	Q	-	-		75-125	-		35
Chromium, Total	17.	16.8	30	77		-	-		75-125	-		35
Cobalt, Total	12.	42.1	50	90		-	-		75-125	-		35
Copper, Total	20.	21	37	81		-	-		75-125	-		35
Iron, Total	24000	84.2	20000	**0**		-	-		75-125	-		35
Lead, Total	28.	42.9	65	86		-	-		75-125	-		35
Magnesium, Total	6700	842	5400	**0**		-	-		75-125	-		35
Manganese, Total	1300	42.1	1000	**0**		-	-		75-125	-		35
Nickel, Total	17.	42.1	51	81		-	-		75-125	-		35
Potassium, Total	1100	842	1900	95		-	-		75-125	-		35
Selenium, Total	1.3J	10.1	10	99		-	-		75-125	-		35
Silver, Total	ND	25.2	25	99		-	-		75-125	-		35
Sodium, Total	540	842	1200	78		-	-		75-125	-		35
Thallium, Total	1.7	10.1	10	99		-	-		75-125	-		35
Vanadium, Total	39.	42.1	69	**71**	Q	-	-		75-125	-		35

Matrix Spike Analysis
Batch Quality Control

Project Name: ARTPARK
Project Number: Y8057.20

Lab Number: L1119564
Report Date: 11/30/11

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG504216-4 QC Sample: L1119506-07 Client ID: MS Sample										
Zinc, Total	110	42.1	140	**71**	Q	-	-	75-125	-	35
Total Metals - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG504859-4 QC Sample: L1119564-04 Client ID: TP-4										
Mercury, Total	0.29	0.229	1.2	**397**	Q	-	-	70-130	-	35

Lab Duplicate Analysis
Batch Quality Control

Project Name: ARTPARK
Project Number: Y8057.20

Lab Number: L1119564
Report Date: 11/30/11

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG504216-3 QC Sample: L1119506-07 Client ID: DUP Sample						
Arsenic, Total	14.	11	mg/kg	24		35
Barium, Total	24.	27	mg/kg	12		35
Cadmium, Total	ND	ND	mg/kg	NC		35
Chromium, Total	17.	16	mg/kg	6		35
Lead, Total	28.	26	mg/kg	7		35
Selenium, Total	1.3J	0.95J	mg/kg	NC		35
Silver, Total	ND	ND	mg/kg	NC		35
Total Metals - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG504859-3 QC Sample: L1119564-04 Client ID: TP-4						
Mercury, Total	0.29	0.20	mg/kg	**37**	Q	35

INORGANICS
&
MISCELLANEOUS

Project Name: ARTPARK
Project Number: Y8057.20

Lab Number: L1119564
Report Date: 11/30/11

SAMPLE RESULTS

Lab ID: L1119564-01
Client ID: TP-1
Sample Location: LEWISTON, NY
Matrix: Soil

Date Collected: 11/21/11 11:00
Date Received: 11/22/11
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77		%	0.10	NA	1	-	11/23/11 11:47	30,2540G	MD
Cyanide, Total	ND		mg/kg	1.2	0.29	1	11/27/11 21:30	11/28/11 19:50	1,9010B/9012A	JO
Chromium, Hexavalent	ND		mg/kg	1.0	0.23	1	11/27/11 18:40	11/28/11 01:41	1,7196A	ST

Project Name: ARTPARK
Project Number: Y8057.20

Lab Number: L1119564
Report Date: 11/30/11

SAMPLE RESULTS

Lab ID: L1119564-02
Client ID: TP-2
Sample Location: LEWISTON, NY
Matrix: Soil

Date Collected: 11/21/11 11:45
Date Received: 11/22/11
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79		%	0.10	NA	1	-	11/23/11 11:47	30,2540G	MD
Cyanide, Total	ND		mg/kg	1.2	0.28	1	11/27/11 21:30	11/28/11 19:51	1,9010B/9012A	JO
Chromium, Hexavalent	ND		mg/kg	51	11.	50	11/27/11 18:40	11/28/11 01:43	1,7196A	ST

ALPHA ANALYTICAL

Project Name: ARTPARK
Project Number: Y8057.20
Lab Number: L1119564
Report Date: 11/30/11

SAMPLE RESULTS

Lab ID: L1119564-03
Client ID: TP-3
Sample Location: LEWISTON, NY
Matrix: Soil
Date Collected: 11/21/11 12:30
Date Received: 11/22/11
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76		%	0.10	NA	1	-	11/23/11 11:47	30,2540G	MD
Cyanide, Total	ND		mg/kg	1.2	0.29	1	11/27/11 21:30	11/28/11 19:51	1,9010B/9012A	JO
Chromium, Hexavalent	ND		mg/kg	1.0	0.24	1	11/27/11 18:40	11/28/11 01:44	1,7196A	ST

ALPHA ANALYTICAL

Project Name: ARTPARK
Project Number: Y8057.20

Lab Number: L1119564
Report Date: 11/30/11

SAMPLE RESULTS

Lab ID: L1119564-04
Client ID: TP-4
Sample Location: LEWISTON, NY
Matrix: Soil

Date Collected: 11/21/11 13:15
Date Received: 11/22/11
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78		%	0.10	NA	1	-	11/23/11 11:47	30,2540G	MD
Cyanide, Total	ND		mg/kg	2.5	0.58	2	11/27/11 21:30	11/28/11 20:03	1,9010B/9012A	JO
Chromium, Hexavalent	ND		mg/kg	26	5.8	25	11/27/11 18:40	11/28/11 01:45	1,7196A	ST

Project Name: ARTPARK
Project Number: Y8057.20

Lab Number: L1119564
Report Date: 11/30/11

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-04 Batch: WG504503-1										
Chromium, Hexavalent	ND		mg/kg	0.80	0.18	1	11/27/11 18:40	11/28/11 01:39	1,7196A	ST
General Chemistry - Westborough Lab for sample(s): 01-04 Batch: WG504594-3										
Cyanide, Total	0.39	J	mg/kg	0.92	0.22	1	11/27/11 21:30	11/28/11 19:47	1,9010B/9012A	JO

Lab Control Sample Analysis
Batch Quality Control

Project Name: ARTPARK
Project Number: Y8057.20

Lab Number: L1119564
Report Date: 11/30/11

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab	Associated sample(s): 01-04		Batch: WG504503-2					
Chromium, Hexavalent	103		-		80-120	-		20
General Chemistry - Westborough Lab	Associated sample(s): 01-04		Batch: WG504594-1	WG504594-2				
Cyanide, Total	104		107		80-120	3		

Matrix Spike Analysis
Batch Quality Control

Project Name: ARTPARK
Project Number: Y8057.20

Lab Number: L1119564
Report Date: 11/30/11

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG504503-3 QC Sample: L1119564-01 Client ID: TP-1												
Chromium, Hexavalent	ND	1180	1000	85		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG504594-4 WG504594-5 QC Sample: L1119564-04 Client ID: TP-4												
Cyanide, Total	ND	12	12	100		14	120		65-135	15		40

Lab Duplicate Analysis
Batch Quality Control

Project Name: ARTPARK
Project Number: Y8057.20

Lab Number: L1119564
Report Date: 11/30/11

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG504255-1 QC Sample: L1119529-01 Client ID: DUP Sample						
Solids, Total	89.	88	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG504503-4 QC Sample: L1119564-01 Client ID: TP-1						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: ARTPARK
Project Number: Y8057.20

Lab Number: L1119564
Report Date: 11/30/11

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1119564-01A	Vial Large unpreserved	A	N/A	2	Y	Absent	NYTCL-8260(14)
L1119564-01B	Amber 120ml unpreserved	A	N/A	2	Y	Absent	NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14)
L1119564-01C	Amber 120ml unpreserved	A	N/A	2	Y	Absent	BE-TI(180),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1119564-02A	Vial Large unpreserved	A	N/A	2	Y	Absent	NYTCL-8260(14)
L1119564-02B	Amber 120ml unpreserved	A	N/A	2	Y	Absent	NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14)
L1119564-02C	Amber 120ml unpreserved	A	N/A	2	Y	Absent	BE-TI(180),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1119564-03A	Vial Large unpreserved	A	N/A	2	Y	Absent	NYTCL-8260(14)
L1119564-03B	Amber 120ml unpreserved	A	N/A	2	Y	Absent	NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14)

*Values in parentheses indicate holding time in days

Project Name: ARTPARK
Project Number: Y8057.20

Lab Number: L1119564
Report Date: 11/30/11

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1119564-03C	Amber 120ml unpreserved	A	N/A	2	Y	Absent	BE-TI(180),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1119564-04A	Vial Large unpreserved	A	N/A	2	Y	Absent	NYTCL-8260(14)
L1119564-04B	Amber 120ml unpreserved	A	N/A	2	Y	Absent	NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14)
L1119564-04C	Amber 120ml unpreserved	A	N/A	2	Y	Absent	BE-TI(180),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days

Project Name:	ARTPARK	**Lab Number:**	L1119564
Project Number:	Y8057.20	**Report Date:**	11/30/11

GLOSSARY

Acronyms

EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
G	- The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
H	- The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
I	- The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported due to obvious interference.
M	- Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
NJ	- Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

Report Format: DU Report with "J" Qualifiers

Project Name:	ARTPARK	**Lab Number:**	L1119564
Project Number:	Y8057.20	**Report Date:**	11/30/11

Data Qualifiers

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL). This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample.

Report Format: DU Report with "J" Qualifiers

Project Name:	ARTPARK	**Lab Number:**	L1119564
Project Number:	Y8057.20	**Report Date:**	11/30/11

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certificate/Approval Program Summary

Last revised November 17, 2011 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP), Ethylene Dibromide (EDB), 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223 P/A), E. Coli. – Colilert (SM9223 P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D))

Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E).)

Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Volatile Organics, Acid Extractables (Phenols), 3.3'-Dichlorobenzidine, Phthalates, Nitrosamines, Nitroaromatics & Cyclic Ketones, PAHs, Haloethers, Chlorinated Hydrocarbons.)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2130B, 2320B, 2540C, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, SM2320B, 2510B, 2540C, 2540D, 426C, 4500Cl-D, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-B, 4500Norg-C, 4500NH3-B, 4500NH3-G, 4500NH3-H, 4500NO3-F, 4500P-B, 4500P-E, 5210B, 5220D, 5310C, 9010B, 9040B, 9030B, 7470A, 7196A, 2340B, EPA 200.7, 6010, 200.8, 6020, 245.1, 1311, 1312, 3005A, Enterolert, 9223D, 9222D. Organic Parameters: 608, 8081, 8082, 8330, 8151A, 624, 8260, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

Solid Waste/Soil (Inorganic Parameters: 9010B, 9012A, 9014A, 9040B, 9045C, 6010B, 7471A, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260B, 8270C, 8330, 8151A, 8081A, 8082, 3540C, 3546, 3580A, 3630C, 5030B, 5035.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
Drinking Water (Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertQT SM9223B; MF-SM9222D.)

Non-Potable Water (Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7 for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1,

SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B;Enterolert-QT: SM9222D-MF.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 245.2, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, 245.2, SW-846 6010B, 6020, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 1664A, SW-846 9010, 9030, 9040B, SM426C, SM2120B, 2310B, 2320B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D. Organic Parameters: SW-846 3510C, 3630C, 5030B, 8260B, 8270C, 8330, EPA 624, 625, 608, SW-846 8082, 8081A, 8151A.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6010B, 7196A, 7471A, 1010, 1030, 9010, 9012A, 9014, 9030B, 9040B, 9045C, 9050C, 9065,1311, 1312, 3005A, 3050B. Organic Parameters: SW-846 3540C, 3546, 3550B, 3580A, 3630C, 5030B, 5035, 8260B, 8270C, 8330, 8151A, 8015B, 8082, 8081A.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.2, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-E, EPA 300.0, SM2120B, SM4500F-BC, EPA 200.7, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, EPA 120.1, SM2510B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 6020, 6020A, 7470A, 5540C, 4500H-B, EPA 200.8, SM3500Cr-D, 4500CN-CE, EPA 245.1, 245.2, SW-846 9040B, 3005A, 3015, EPA 6010B, 6010C, 7196A, 3060A, SW-846 9010B, 9030B. Organic Parameters: SW-846 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8081A, 8081B, 8082, 8082A, 8151A, 8330, NJ OQA-QAM-025 Rev.7, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 6010C, 7196A, 3060A, 9010B, 9030B, 1010, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9014, 9012A, 9040B, 9045C, 9050A, 9065. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3545, 3546, 3550B, 3580A, 3630C, 5030B, 5035L, 5035H, NJ OQA-QAM-025 Rev.7, NJ EPH.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500H-B, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B-4a, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, LACHAT 10-107-04-1-C, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010B, 6020, EPA 7196A, SM3500Cr-D, EPA 245.1, 245.2, 7470A, SM2120B, LACHAT 10-204-00-1-A, EPA 9040B, SM4500-HB, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 3005A, 9010B, 9030B.. Organic Parameters: EPA 624, 8260B, 8270C, 625, 608, 8081A, 8151A, 8330, 8082, EPA 3510C, 5030B.)

Solid & Hazardous Waste (Inorganic Parameters: 1010, 1030, EPA 6010B, 7196A, 7471A, 9012A, 9014, 9040B, 9045C, 9065, 9050, EPA 1311, 1312, 3005A, 3050B, 9010B, 9030B. Organic Parameters: EPA 8260B, 8270C, 8015B, 8081A, 8151A, 8330, 8082, 3540C, 3545, 3546, 3580, 5030B, 5035.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. Organic Parameters: MA-EPH, MA-VPH.

Drinking Water Program Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Drinking Water (Organic Parameters: EPA 524.2, 504.1)

Non-Potable Water (Inorganic Parameters: EPA 1312, 200.7, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE. Organic Parameters: EPA 3510C, 3005A, 3630C, 5030B, 625, 624, 608, 8081A, 8082, 8151A, 8260B, 8270C, 8330)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3050B, 6010B, 7196A, 7471A, 9010B, 9012A, 9014, 9040B, 9045C, 9050, 9065, SM 4500NH3-H. Organic Parameters: 3540C, 3545, 3546, 3550B, 3580A, 3630C, 5035, 8015B, 8081A, 8082, 8151A, 8260B, 8270C, 8330)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NY-DOH.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

Texas Commisson on Environmental Quality Certificate/Lab ID: T104704476-09-1. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 $S2^{-}$D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Department of Defense Certificate/Lab ID: L2217.
Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010B, 6020, 245.1, 245.2, 7470A, 9040B, 300.0, 332.0, 6860, 353.2, 410.4, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500NO3-F, 5220D, 5310C, 2320B, 2540C, 3005A, 3015, 9010B, 9056. Organic Parameters: EPA 8260B, 8270C, 8330A, 625, 8082, 8081A, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010B, 7471A, 9010, 9012A, 6860, 1311, 1312, 3050B, 7196A, 9010B, 3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8260B, 8270C, 8330A/B-prep, 8082, 8081A, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

The following analytes are not included in our current NELAP/TNI Scope of Accreditation:
EPA 8260B: Freon-113, 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine (Azobenzene). **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, Chloride in a soil matrix, TKN in a soil matrix, NO2 in a soil matrix, NO3 in a soil matrix, SO4 in a soil matrix.

CHAIN OF CUSTODY

PAGE 1 OF 1

Date Rec'd in Lab: 11/22/11

ALPHA Job #: L1195564

WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193

MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Serial No:11301119:22

Client Information

Client: Watts A+E

Address: 95 Perry St. Suite 300

Phone: 716-206-5120

Fax: 716-206-5199

Email:

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Artpark

Project Location: Lewiston, NY

Project #: Y8057.20

Project Manager: Andy Klink

ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)

Date Due: 12/1/11 Time: 5 Business days

Report Information - Data Deliverables

☐ FAX ☒ EMAIL

☐ ADEx ☐ Add'l Deliverables

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

(State) Fed Program Criteria DER-10

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?

☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)

☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: 8260+TICs	8270+TICs	Pesticides	PCBs	Herbicides	Metals+TCN						Sample Specific Comments	TOTAL # BOTTLES
19564-1	TP-1	11-21-11	1100	Solid	MG	X	X	X	X	X	X						According to	3
-2	TP-2	11-21-11	1145	Solid	MG	X	X	X	X	X	X						NYSDEC	3
-3	TP-3	11-21-11	1230	Solid	MG	X	X	X	X	X	X						DER-10	3
-4	TP-4	11-21-11	1315	Solid	MG	X	X	X	X	X	X							3

SAMPLE HANDLING

Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

Container Type																		
Preservative	–	–	–	–	–	–												

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Michael Gerber	11-21-11 / 1600	James A. Rickus 11-21-11 3R	11-21-11 / 1610
James A. Rickus	11-21-11 / 1710		11/22/11 0950

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

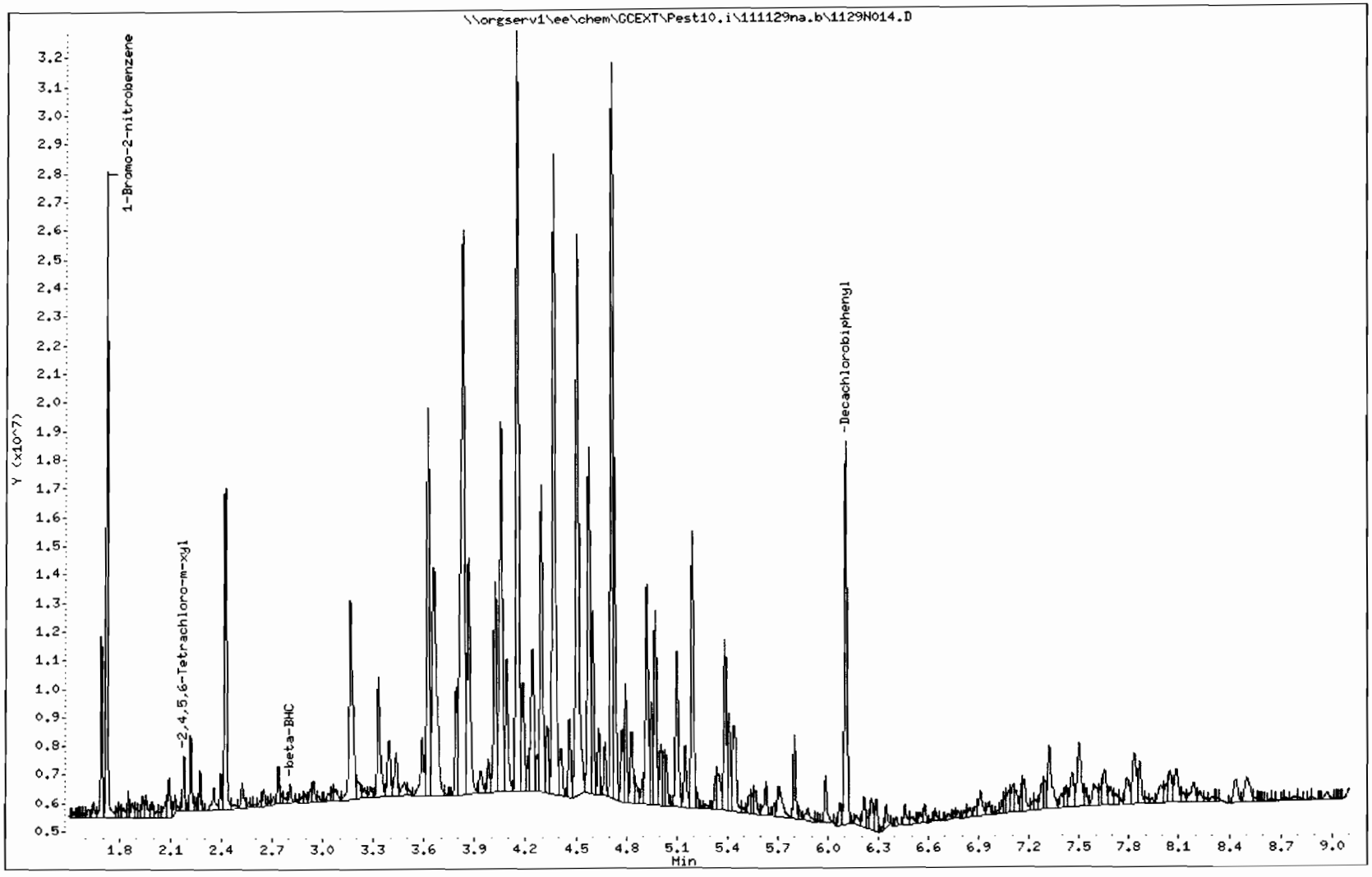
FORM NO: 01-01 (rev. 18-Jan-2010)

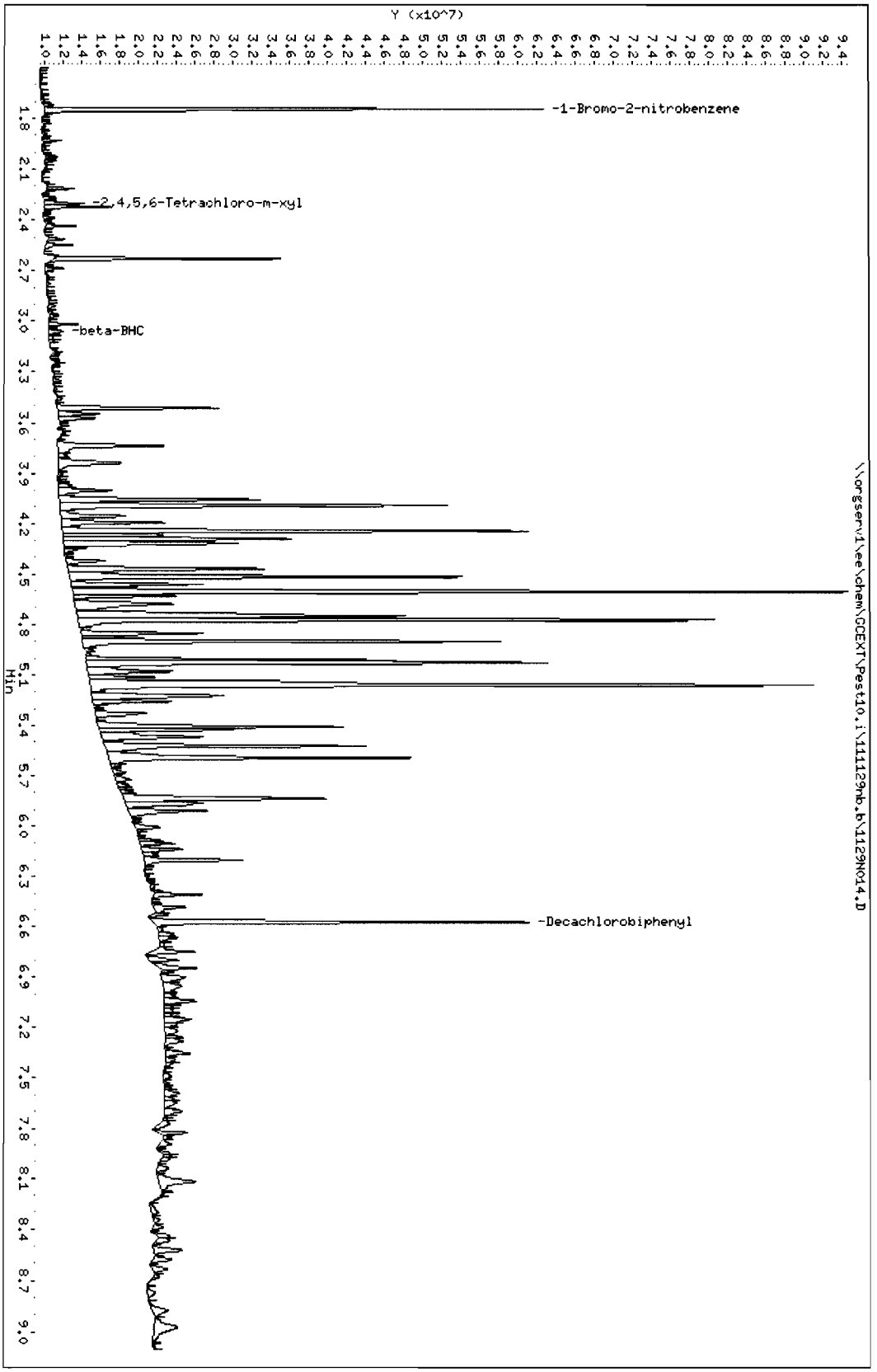
Data File: \\orgserv1\ee\chem\GCEXT\Pest10.i\111129na.b\1129N014.D
Date : 29-NOV-2011 17:23
Client ID:
Sample Info: 11119564-04d,42, 20x

Instrument: Pest10.i

Operator: ss
Column diameter: 0.32

Column phase: Rtx-CLP





Data File: \\orgserv1\ee\chem\GCEXT\Pest10.i\111129nb.b\1129N014.D

Date : 29-NOV-2011 17:23

Client ID:

Sample Info: 1111956d-04d,42, 20x

Column phase: Rtx-CLPesticidesII

Instrument: Pest10.i

Operator: ss

Column diameter: 0.32