Seeler Engineering, P.C.

June 19, 2013

Mr. James E. McKenna
Vice President of Construction
Wilmorite Construction, LLC.
1265 Scottsville Road
Rochester NY 14624

Subject: Soil Management - New Paltz

Dear Mr. McKenna:

Seeler Engineering, P.C. (Seeler) was retained to collect and analyze a number of soil samples at the site of the Park Point project. These results along with analytical results for soil samples gathered by Ecosystems Strategies, Inc. and Brinner & Larios, P.C. were evaluated in support of the proposed residential development. The results of our evaluation are included in this letter report. Pesticides, arsenic, lead and mercury (compounds of concern) were evaluated to determine if existing conditions could present a concern to occupants of the proposed development, area residents during site construction, and construction workers. An assessment of impacts to groundwater beneath the site was also made.

Thirty two (32) samples were collected from soils at a depth of 0 to 6 inches (surface), ten (10) samples were collected from a depth of 6 to 12 inches and five (5) samples were collected from a depth of 12 to 18 inches across the site and evaluated. The sampling locations are shown on Drawing Number 1 which also includes the proposed site development layout. Analytical results are included on Table 1. The results of the testing were compared to threshold criteria for Residential Site Use set by the New York State Department of Environmental Conservation (6NYCRR Part 375) entitled "Technical Guidance for Site Investigation and Remediation". The pesticide Dieldrin, and arsenic were found in surface samples (0 to 6 inch depth) at levels above criteria set by the New York State Department of Environmental Conservation for Restricted Residential Use. Levels of all chemical compounds dropped below threshold guidance values for Residential Use in samples collected below 12 inches.

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The soil impacted with arsenic and pesticide levels above NYSDEC guidance criteria were found to exist in the abandoned apple orchard area. Soils in the pear orchard, along Route 32 north of the proposed primary project entrances and in the wooded area where Stormwater Management Pond B-1 is to be constructed, did not contain compounds of concern at elevated levels. Bio-remediation techniques are not practical for removal of arsenic from the soil. As such, site conditions should be created that meet the requirements for Residential Use Criteria contained in the above referenced guidance documents by using physical control means.

The proposed project can eliminate the potential for exposure of occupants of the site to these chemical compounds in three ways. First, the proposed development contains building structures and paved or hardened parking and pedestrian surfaces. The potential for exposure to subsurface soils containing elevated levels of chemicals of concern will then be eliminated in these areas. Secondly, site grading should be conducted in a way that first removes the 6 to 8 inches of the surface soil layer containing elevated levels of pesticides and arsenic and places this soil in the four designated controlled fill areas of the site. The controlled fill areas and any surface areas around the development not covered by building or pavement should then be covered by a minimum of 6 inches of clean soil meeting guidance criteria thereby eliminating the possibility of exposure to soils with elevated levels of compounds of concern. Thirdly, gardening should only be allowed in designated plots on the site. Warning barriers should be installed over the controlled fill areas beneath the topsoil cover to prevent access to the layer containing impacted soil thereby preventing accidental exposure.

It should be noted, where paved surfaces are planned the subsurface must first be prepared by applying a layer of new structural fill (stone). This layer of stone will receive the layer of pavement. Since subsurface soils were only marginally contaminated and because a layer of stone will be placed between the soils and pavement, we do not believe it likely that temperature of any soil containing residual levels of arsenic will reach temperatures that could result in volatilization of this chemical compound.

Site Plan Drawing 2260-12 (copy attached) shows how the impacted topsoil should be handled during construction in conjunction with implementation of erosion control measures. The Site Plan Drawing identifies the location of impacted and clean topsoil and shows where the impacted and clean topsoil will be placed. The "Sequence of Construction Notes" on the plan identifies the order in which: erosion control measures are to be installed; storm water management areas are to be constructed; and impacted and clean topsoil will be stripped and stockpiled / used for fill areas and berm construction. Clean topsoil from Areas 1, 4, 9 and 12 is to be stripped and placed in topsoil, stockpile Areas 2 and 5 for re-use in landscape areas. Impacted topsoil from Areas 2, 3, 6, 7, 8 10, and 13 is to be placed in Areas 3, 4, 7, and 11 to create landscape berms for aesthetics and buffering. Impacted topsoil could also be placed in the non-structural backyard fill Area 11. All impacted topsoil berm and fill areas are to be covered with a minimum 6" thick depth of clean topsoil. The proposed berm area 4 will exist adjacent to the faculty / staff housing. In addition, therefore, prior to placing 6" of clean topsoil over berm Area 4, a continuous layer of non-woven geotechnical fabric

should be installed over the berm to act as a warning barrier.

Construction workers should be protected during the movement of impacted soils by following some simple site work procedures. Earthmoving crews are to wear dust masks and shower and change clothes before they leave the site. All personal vehicles should be parked in designated "clean" zones away from the site construction activities to prevent dust and dirt from being carried from the site. All equipment used for the moving of the impacted soil should remain on site until the work is done or be decontaminated before it leaves the site.

A community air monitoring program should also be implemented. Dust levels should be monitored at the fence line of the project. The services of a licensed professional engineer should be contracted to implement the program which should include conducting periodic inspections of site activities and air monitoring for dust while the soils of concern are being moved and placed into the control fill areas. Site work should be stopped and corrective measures taken if dust levels exceed DOH criteria. Procedures should be in place for communication with regulatory agencies to respond to any unforeseen site conditions throughout the remainder of the project execution phase.

Very truly yours,
Seeler Engineering, P.C.

Tim A. Seeler

Tim A. Seeler, P.E.
Principal

w/enc.

Drawing Number 1

REVISIONS				
NO.	DATE	BY	CHKED	DESCRIPTION

Seeler Engineering, P.C.
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Wilmorite Construction, LLC
Park Point - New Paltz
New Paltz, New York

DATE	DRAWN	CHECKED
2/20/13	MJC	TAS

SCALE: 1"=75'

SHEET TITLE
SOIL SAMPLING LOCATIONS

PROJECT NUMBER 044.002

DRAWING NUMBER 1

Table 1

Wilmorite Inc.

Table 1
Park Point New Paltz

Project Number: 044.002

Analytical Results Compared to SCO's

Sample Name: Summary Soil Sample at Various Depths

Site Address: Park Point New Paltz

Date Collected: Varies

Sample Matrix: Soil

	Depth of Sample =	S	S	6"-12"	18"	S	S	S	S	S	6"-12"	S	S					
	Collector =	(1)	(1)	(3)	(3)	(1)	(1)	(1)	(1)	(1)	(3)	(1)	(1)					
Analytical Method	**Analyte Name**	S-1	S-2	S-2-1	S-2-2	S-3	S-4	S-5	S-6	S-7	S-7-1	S-8	S-9		Units	Unrestricted Use	Residential	Restricted Residential
8081	4-4'-DDD	20	130	2.3 U	2.1 U	27	21	160	16	210	4.0 U	110	12		µg/Kg	3.3	2,600	13,000
8081	**4,4'-DDE**	160	650	58	12	280	330	470	210	540	120	200	200		µg/Kg	3.3	1,800	8,900
8081	**4,4"-DDT**	310	1200	12	2.1 U	210	270	1500	270	2100	85	1100	260		µg/Kg	3.3	1,700	7,900
8081	Aldrin	7.9	11	2.3 U	2.1 U	8.4	8.6	11	8.5	10	4.0 U	20	8		µg/Kg	5	19	97
8081	alpha-BHC	7.9	11	2.3 U	2.1 U	8.4	8.6	11	8.5	10	4.0 U	20	8		µg/Kg	20	97	480
8081	alpha-Chlordane	*	*	2.3 U	2.1 U	*	*	*	*	*	4.0 U	*	*		µg/Kg	94	910	4,200
8081	beta-BHC	7.9	11	2.3 U	2.1 U	8.4	8.6	11	8.5	15	4.0 U	7.8	80		µg/Kg	36	72	360
8081	delta-BHC	7.9	11	2.3 U	2.1 U	8.4	8.6	11	8.5	10	4.0 U	20	8		µg/Kg	40	100,000	100,000
8081	Dieldrin	6.5	370	4	2.1 U	180	94	770	120	430	15	340	120		µg/Kg	5	39	200
8081	Endosulfan I	7.9	11	2.3 U	2.1 U	8.4	8.6	11	8.5	10	4.0 U	20	8		µg/Kg	2,400	4,800	24,000
8081	Endosulfan II	15	21	2.3 U	2.1 U	16	17	21	16	20	4.0 U	39	15		µg/Kg	2,400	4,800	24,000
8081	Endosulfan sulfate	8.2	21	2.3 U	2.1 U	16	17	5.5	16	21	4.0 U	6.8	15		µg/Kg	2,400	4,800	24,000
8081	Endrin	150	150	14	2.1 U	96	20	1200	110	1300	7	1000	22		µg/Kg	14	2,200	11,000
8081	Endrin aldehyde	15	21	2.3 U	2.1 U	16	17	100	16	20	4.0 U	39	15		µg/Kg		100,000	100,000
8081	Endrin ketone	*	*	2.3 U	2.1 U	*	*	*	*	*	4.0 U	*	*		µg/Kg		100,000	100,000
8081	gamma-BHC (Lindane)	7.9	11	2.3 U	2.1 U	8.4	8.6	11	8.5	10	4.0 U	20	8		µg/Kg	100	280	1,300
8081	gamma-Chlordane	*	*	2.3 U	2.1 U	*	*	*	*	*	4.0 U	*	*		µg/Kg		540	
8081	Heptachlor	7.9	11	2.3 U	2.1 U	8.4	8.6	11	8.5	10	4.0 U	20	8		µg/Kg	42	420	2,100
8081	Heptachlor epoxide	7.9	11	2.3 U	2.1 U	8.4	8.6	11	8.5	10	4.0 U	20	8		µg/Kg		77	
8081	Methoxychlor	79	110	2.3 U	2.1 U	84	86	110	85	100	4.0 U	200	80		µg/Kg		100,000	100,000
8081	Toxaphene	790	1100	23 U	21 U	840	860	1100	850	1000	40 U	2000	800		µg/Kg		100,000	100,000
8081	Chlordane (technical)	79	110			84	86	110	85	100		200	80					
6010	**Arsenic**	7.8	78	6	6	9.5	23	100	10	200	9	160	64		mg/Kg	13	16	16
6010	**Lead**	17	100	20	15	24	63	200	37	210	14	160	84		mg/Kg	63	400	400
7470/7471	Mercury	0.110	0.190	*	*	0.110	0.120	0.290	0.120	0.290	*	0.210	0.250		mg/Kg	0.180	0.810	0.810

Notes:

ND = Analyte Not Detected at the reporting limit or above

**No analytical results for this parameter, but its on SCO*

S = Surface Sample

Collector:

(1) = Ecosystems Strategies, Inc.

(2) = Brinnier & Larios, P.C.

(3) = Seeler Engineering, P.C.

Table 1
Park Point New Paltz

Analytical Results Compared to SCO's

Sample Name: Summary Soil Sample at Various Depths

Site Address: Park Point New Paltz

Date Collected: Varies

Sample Matrix: Soil

	Depth of Sample =	6"-12"	S	S	S	S	S	S	S	S	6"-12"	S	S				
	Collector =	(3)	(1)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(3)	(2)	(2)				
Analytical Method	**Analyte Name**	S-9-1	S-10	S-11	S-12	S-13	S-14	S-15	S-16	S-17	S-17-1	S-18	S-19	Units	Unrestricted Use	Residential	Restricted Residential
8081	4-4'-DDD	11 U	81	78.3	44.3	55.9	ND	ND	ND	161	21 U	15.7	159	µg/Kg	3.3	2,600	13,000
8081	**4,4'-DDE**	200	260	807	299	1230	14.6	10.3	16.1	813	200	333	1950	µg/Kg	3.3	1,800	8,900
8081	**4,4"-DDT**	81	950	413	32.7	342	6.35	4.72	8.64	1080	420	101	954	µg/Kg	3.3	1,700	7,900
8081	Aldrin	11 U	10	ND	ND	ND	ND	ND	ND	ND	21 U	ND	ND	µg/Kg	5	19	97
8081	alpha-BHC	11 U	10	ND	ND	ND	ND	ND	ND	ND	21 U	ND	ND	µg/Kg	20	97	480
8081	alpha-Chlordane	11 U	*	ND	ND	ND	ND	ND	ND	ND	21 U	ND	ND	µg/Kg	94	910	4,200
8081	beta-BHC	11 U	5.2	ND	ND	ND	ND	ND	ND	ND	21 U	ND	ND	µg/Kg	36	72	360
8081	delta-BHC	11 U	10	ND	ND	ND	ND	ND	ND	ND	21 U	ND	ND	µg/Kg	40	100,000	100,000
8081	Dieldrin	11 U	120	16.5	31.2	46.4	ND	ND	ND	375	120	14.7	216	µg/Kg	5	39	200
8081	Endosulfan I	11 U	10	ND	ND	ND	ND	ND	ND	ND	21 U	ND	ND	µg/Kg	2,400	4,800	24,000
8081	Endosulfan II	11 U	20	ND	ND	ND	ND	ND	ND	ND	21 U	ND	ND	µg/Kg	2,400	4,800	24,000
8081	Endosulfan sulfate	11 U	20	ND	ND	ND	ND	ND	ND	ND	21 U	ND	ND	µg/Kg	2,400	4,800	24,000
8081	Endrin	11 U	110	168	246	512	4.4	ND	ND	267	220	ND	ND	µg/Kg	14	2,200	11,000
8081	Endrin aldehyde	11 U	20	ND	ND	ND	ND	ND	ND	ND	21 U	ND	ND	µg/Kg		100,000	100,000
8081	Endrin ketone	11 U	*	81.6	59.6	173	ND	ND	ND	80.3	63	ND	ND	µg/Kg		100,000	100,000
8081	gamma-BHC (Lindane)	11 U	10	ND	ND	ND	ND	ND	ND	ND	21 U	ND	ND	µg/Kg	100	280	1,300
8081	gamma-Chlordane	11 U	*	ND	ND	ND	ND	ND	ND	ND	21 U	ND	ND	µg/Kg		540	
8081	Heptachlor	11 U	10	ND	ND	ND	ND	ND	ND	ND	21 U	ND	ND	µg/Kg	42	420	2,100
8081	Heptachlor epoxide	11 U	10	ND	ND	ND	ND	ND	ND	ND	21 U	ND	ND	µg/Kg		77	
8081	Methoxychlor	11 U	100	ND	ND	ND	ND	ND	ND	ND	21 U	ND	ND	µg/Kg		100,000	100,000
8081	Toxaphene	110 U	1000	ND	ND	ND	ND	ND	ND	ND	210 U	ND	ND	µg/Kg		100,000	100,000
8081	Chlordane (technical)		100	*	*	*	*	*	*								
6010	**Arsenic**	5	130	15.6	8.71	14.6	6.65	4.12	5.71	139	19	62	33.6	mg/Kg	13	16	16
6010	**Lead**	19	140	29.9	40.6	64.5	25.9	15.1	20.7	326	53	68.3	121	mg/Kg	63	400	400
7470/7471	Mercury	*	0.200	ND	ND	ND	ND	ND	ND	0.186	*	ND	ND	mg/Kg	0.180	0.810	0.810

Notes:

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**No analytical results for this parameter, but its on SCO*

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Collector:

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Wilmorite Inc.

Table 1
Park Point New Paltz

Project Number: 044.002

Analytical Results Compared to SCO's

Sample Name: Summary Soil Sample at Various Depths

Site Address: Park Point New Paltz

Date Collected: Varies

Sample Matrix: Soil

	Depth of Sample =	S	6"-12"	18"	S	6"-12"	18"	S	S	6"-12"	18"	S	S				
	Collector =	(2)	(3)	(3)	(2)	(3)	(3)	(2)	(2)	(3)	(3)	(2)	(2)				
Analytical Method	**Analyte Name**	S-20	S-20-1	S-20-2	S-21	S-21-1	S-21-2	S-22	S-23	S-23-1	S-23-2	S-24	S-25	Units	Unrestricted Use	Residential	Restricted Residential
8081	4-4'-DDD	176	10 U	4.1 U	626	12	4	ND	113	20 U	10 U	119	235	µg/Kg	3.3	2,600	13,000
8081	**4,4'-DDE**	458	160	57	7070	280	92	13.3	355	330	240	1630	2020	µg/Kg	3.3	1,800	8,900
8081	**4,4"-DDT**	493	130	40	5220	110	46	5	876	360	210	958	1160	µg/Kg	3.3	1,700	7,900
8081	Aldrin	ND	10 U	4.1 U	ND	11 U	4.1 U	ND	ND	20 U	10 U	ND	ND	µg/Kg	5	19	97
8081	alpha-BHC	ND	10 U	4.1 U	ND	11 U	4.1 U	ND	ND	20 U	10 U	ND	ND	µg/Kg	20	97	480
8081	alpha-Chlordane	ND	10 U	4.1 U	ND	11 U	4.1 U	ND	ND	20 U	10 U	ND	ND	µg/Kg	94	910	4,200
8081	beta-BHC	ND	10 U	4.1 U	ND	11 U	4.1 U	ND	14.4	20 U	10 U	ND	ND	µg/Kg	36	72	360
8081	delta-BHC	ND	10 U	4.1 U	ND	11 U	4.1 U	ND	ND	20 U	10 U	ND	ND	µg/Kg	40	100,000	100,000
8081	Dieldrin	464	62	25	487	110	31	ND	249	100	49	330	455	µg/Kg	5	39	200
8081	Endosulfan I	ND	10 U	4.1 U	ND	11 U	4.1 U	ND	ND	20 U	10 U	ND	ND	µg/Kg	2,400	4,800	24,000
8081	Endosulfan II	ND	10 U	4.1 U	ND	11 U	4.1 U	ND	ND	20 U	10 U	ND	ND	µg/Kg	2,400	4,800	24,000
8081	Endosulfan sulfate	ND	10 U	4.1 U	ND	11 U	4.1 U	ND	ND	20 U	10 U	ND	ND	µg/Kg	2,400	4,800	24,000
8081	Endrin	302	270	120	1710	23	7	ND	215	54	34	322	196	µg/Kg	14	2,200	11,000
8081	Endrin aldehyde	ND	10 U	4.1 U	ND	11 U	4.1 U	ND	ND	20 U	10 U	ND	ND	µg/Kg		100,000	100,000
8081	Endrin ketone	32.3	73	27	330	11 U	4.1 U	ND	102	26	10 U	98	65	µg/Kg		100,000	100,000
8081	gamma-BHC (Lindane)	ND	10 U	4.1 U	ND	11 U	4.1 U	ND	ND	20 U	10 U	ND	ND	µg/Kg	100	280	1,300
8081	gamma-Chlordane	ND	10 U	4.1 U	ND	11 U	4.1 U	ND	ND	20 U	10 U	ND	ND	µg/Kg		540	
8081	Heptachlor	ND	10 U	4.1 U	ND	11 U	4.1 U	ND	ND	20 U	10 U	ND	ND	µg/Kg	42	420	2,100
8081	Heptachlor epoxide	ND	10 U	4.1 U	ND	11 U	4.1 U	ND	ND	20 U	10 U	ND	ND	µg/Kg		77	
8081	Methoxychlor	ND	10 U	4.1 U	ND	11 U	4.1 U	ND	ND	20 U	10 U	ND	ND	µg/Kg		100,000	100,000
8081	Toxaphene	ND	100 U	41 U	ND	110 U	41 U	ND	ND	200 U	100 U	ND	ND	µg/Kg		100,000	100,000
8081	Chlordane (technical)																
6010	**Arsenic**	83	14	10	44	18	7	8.9	294	12	11	53.9	88	mg/Kg	13	16	16
6010	**Lead**	354	25	20	670	71	28	14.4	248	24	19	107	92.2	mg/Kg	63	400	400
7470/7471	Mercury	0.261	*	*	ND	*	*	ND	0.295	*	*	ND	ND	mg/Kg	0.180	0.810	0.810

Notes:

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	Depth of Sample =	6"-12"	18"	S	6"-12"	S	S	S	6"-12"	S	S	S					
	Collector =	(3)	(3)	(2)	(3)	(2)	(2)	(2)	(3)	(2)	(2)	(2)					
Analytical Method	**Analyte Name**	S-25-1	S-25-2	S-26	S-26-1	S-27	S-28	S-29	S-29-1	S-30	S-31	S-32		Units	Unrestricted Use	Residential	Restricted Residential
8081	4-4'-DDD	10 U	2.0 U	5.23	22 U	ND	ND	ND	4.1 U	ND	ND	ND		µg/Kg	3.3	2,600	13,000
8081	**4,4'-DDE**	270	48	9.1	610	ND	ND	3.63	64	5.22	7.64	20.3		µg/Kg	3.3	1,800	8,900
8081	**4,4"-DDT**	240	46	30.3	350	ND	ND	ND	76	3.29	ND	4.87		µg/Kg	3.3	1,700	7,900
8081	Aldrin	10 U	2.0 U	ND	22 U	ND	ND	ND	4.1 U	ND	ND	ND		µg/Kg	5	19	97
8081	alpha-BHC	10 U	2.0 U	ND	22 U	ND	ND	ND	4.1 U	ND	ND	ND		µg/Kg	20	97	480
8081	alpha-Chlordane	10 U	2.0 U	ND	22 U	ND	ND	ND	4.1 U	ND	ND	ND		µg/Kg	94	910	4,200
8081	beta-BHC	10 U	2.0 U	ND	22 U	ND	ND	ND	4.1 U	ND	ND	ND		µg/Kg	36	72	360
8081	delta-BHC	10 U	2.0 U	ND	22 U	ND	ND	ND	4.1 U	ND	ND	ND		µg/Kg	40	100,000	100,000
8081	Dieldrin	120	22	14.1	530	ND	ND	ND	56	4.51	35.3	4.34		µg/Kg	5	39	200
8081	Endosulfan I	10 U	2.0 U	ND	22 U	ND	ND	ND	4.1 U	ND	ND	ND		µg/Kg	2,400	4,800	24,000
8081	Endosulfan II	10 U	2.0 U	ND	22 U	ND	ND	ND	4.1 U	ND	ND	ND		µg/Kg	2,400	4,800	24,000
8081	Endosulfan sulfate	10 U	2.0 U	ND	22 U	ND	ND	ND	4.1 U	ND	ND	ND		µg/Kg	2,400	4,800	24,000
8081	Endrin	210	53	16.3	240	ND	ND	ND	9	ND	ND	ND		µg/Kg	14	2,200	11,000
8081	Endrin aldehyde	10 U	2.0 U	ND	22 U	ND	ND	ND	4.1 U	ND	ND	ND		µg/Kg		100,000	100,000
8081	Endrin ketone	56	10	ND	90	ND	ND	ND	4.1 U	ND	ND	ND		µg/Kg		100,000	100,000
8081	gamma-BHC (Lindane)	10 U	2.0 U	ND	22 U	ND	ND	ND	4.1 U	ND	ND	ND		µg/Kg	100	280	1,300
8081	gamma-Chlordane	10 U	2.0 U	ND	22 U	ND	ND	ND	4.1 U	ND	ND	ND		µg/Kg		540	
8081	Heptachlor	10 U	2.0 U	ND	22 U	ND	ND	ND	4.1 U	ND	ND	ND		µg/Kg	42	420	2,100
8081	Heptachlor epoxide	10 U	2.0 U	ND	22 U	ND	ND	ND	4.1 U	ND	ND	ND		µg/Kg		77	
8081	Methoxychlor	10 U	2.0 U	ND	22 U	ND	ND	ND	4.1 U	ND	ND	ND		µg/Kg		100,000	100,000
8081	Toxaphene	100 U	20 U	ND	220 U	ND	ND	ND	41 U	ND	ND	ND		µg/Kg		100,000	100,000
8081	Chlordane (technical)																
6010	**Arsenic**	14	9	62	20	7.15	7.77	27	6	137	50.7	45.7		mg/Kg	13	16	16
6010	**Lead**	27	18	152	35	28.5	30	71.4	19	906	140	130		mg/Kg	63	400	400
7470/7471	Mercury	*	*	ND	*	ND	ND	ND	*	0.416	ND	ND		mg/Kg	0.180	0.810	0.810

Notes:

ND = Analyte Not Detected at the reporting limit or above

**No analytical results for this parameter, but its on SCO*

S = Surface Sample

Collector:

(1) = Ecosystems Strategies, Inc.

(2) = Brinnier & Larios, P.C.

(3) = Seeler Engineering, P.C.

March 21, 2013 Service Request No: R1301568

Mr. Matt Czora
Seeler Engineering, PC
1151 Pittsford Victor Road
Suite 125
Pittsford, NY 14534

Laboratory Results for: New Paltz/044.002

Dear Mr. Czora:

Enclosed are the results of the sample(s) submitted to our laboratory on March 12, 2013. For your reference, these analyses have been assigned our service request number **R1301568.**

All analyses were performed according to our laboratory's quality assurance program. The test results meet requirements of the NELAP standards except as noted in the case narrative report. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. dba ALS Environmental (ALS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s) for analysis of these samples, and represented by Laboratory Control Sample control limits. Any events, such as QC failures, which may add to the uncertainty are explained in the report narrative.

Please contact me if you have any questions. My extension is 7472. You may also contact me via email at Janice.Jaeger@alsglobal.com.

Respectfully submitted,

Columbia Analytical Services, Inc. dba ALS Environmental

Janice Jaeger
Client Services Manager

Columbia Analytical Services
ADDRESS 1565 Jefferson Rd, Building 300, Suite 360, Rochester, NY 14623
PHONE 585-288-5380 | FAX 585-288-8475
Columbia Analytical Services, Inc.
Part of the ALS Group A Campbell Brothers Limited Company
Environmental www.caslab.com ▪ www.alsglobal.com
RIGHT SOLUTIONS RIGHT PARTNER

CASE NARRATIVE

Client:	Seeler Engineering	**Service Request:**	R1301568
Project:	New Paltz	**Project Number:**	
Sample Matrix:	Soil	**Date Received:**	03/12/13

All analyses were performed consistent with the quality assurance program of Columbia Analytical Services, Inc. (CAS). This report contains analytical results for samples designated for Tier II deliverables. When appropriate to the method, method blank and LCS results have been reported with each analytical test.

Sample Receipt

Samples were collected on 03/11/13 and received at CAS on 03/12/13 at a cooler temperature of 3.3°C in good condition except as noted on the cooler receipt and preservation check form. ALS Environmental is responsible only for the analytical testing and are not directly responsible for the integrity of the sample before laboratory receipt.

Metals Analysis

Fifteen soil samples were analyzed for a site specific list of parameters. Please see attached data pages for method numbers.

Site specific QC was not requested for these samples. All LCS recoveries were acceptable.

The Method blanks associated with these analyses were free of contamination above the Method Reporting Limit (MRL).

No other analytical or QC problems were encountered.

Pesticides

Fifteen soil samples were analyzed for Pesticides by method 8081B from SW-846.

All initial calibration criteria were met for all analytes. All Continuing Calibration Verification (CCV) standards were outside limits. The samples were repeated and again the CCV's were outside limits. Where CCV outliers potentially affected the data, both sets of results have been reported out and the outliers appears to be due to the matrix of the samples.

The LCS/LCSD recoveries were acceptable. All RPD's were within limits except Endrin aldehyde and has been flagged with an "*".

Site specific QC was not requested for these samples.

All surrogate standard recoveries were within limits.

The Method blanks were free of contamination.

All samples were analyzed within recommended holding times.

No other analytical or QC problems were encountered.

CASE NARRATIVE

This report contains analytical results for the following samples:
Service Request Number: R1301568

Lab ID	Client ID
R1301568-001	S-17-1
R1301568-002	S-21-1
R1301568-003	S-21-2
R1301568-004	S-7-1
R1301568-005	S-9-1
R1301568-006	S-29-1
R1301568-007	S-20-1
R1301568-008	S-20-2
R1301568-009	S-23-1
R1301568-010	S-23-2
R1301568-011	S-26-1
R1301568-012	S-25-1
R1301568-013	S-25-2
R1301568-014	S-2-1
R1301568-015	S-2-2

ALS Environmental

REPORT QUALIFIERS

U	Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.
J	Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors).
B	Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.
E	Inorganics- Concentration is estimated due to the serial dilution was outside control limits.
E	Organics- Concentration has exceeded the calibration range for that specific analysis.
D	Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.
*	Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time.
H	Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.
#	Spike was diluted out.
+	Correlation coefficient for MSA is <0.995.
N	Inorganics- Matrix spike recovery was outside laboratory limits.
N	Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
S	Concentration has been determined using Method of Standard Additions (MSA).
W	Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
P	Concentration >40% (25% for CLP) difference between the two GC columns.
C	Confirmed by GC/MS
Q	DoD reports: indicates a pesticide/Aroclor is not confirmed (≥100% Difference between two GC columns).
X	See Case Narrative for discussion.

ACCREDITED IN ACCORDANCE WITH nelac

Rochester Lab ID # for State Certifications[1]

NELAP Accredited	Maine ID #NY0032	New Hampshire ID # 294100 A/B
Connecticut ID # PH0556	Nebraska Accredited	
Delaware Accredited	Nevada ID # NY-00032	North Carolina #676
DoD ELAP #65817	New Jersey ID # NY004	Pennsylvania ID# 68-786
Florida ID # E87674	New York ID # 10145	Rhode Island ID # 158
Illinois ID #200047		Virginia #460167

[1] Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the laboratory case narrative provided. For a specific list of accredited analytes, refer to http://alsglobal.com/environmental/laboratories/rochester-environmental-lab.aspx

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 0800
Sample Matrix:	Soil	**Date Received:**	3/12/13
Sample Name:	S-17-1		
Lab Code:	R1301568-001	**Basis:**	As Received

General Chemistry Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Solids, Total	160.3 Modified	**80.1**		Percent	1.0	1	NA	3/12/13 15:30	

Client: Seeler Engineering, PC
Project: New Paltz/044.002
Sample Matrix: Soil

Service Request: R1301568
Date Collected: 3/11/13 0800
Date Received: 3/12/13

Sample Name: S-17-1
Lab Code: R1301568-001

Basis: Dry
Percent Solids: 80.1

Inorganic Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Arsenic, Total	6010C	**18.9**		mg/Kg	1.2	1	3/13/13	3/14/13 20:59	
Lead, Total	6010C	**53.0**		mg/Kg	6.1	1	3/13/13	3/14/13 20:59	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 0800
Sample Matrix:	Soil	**Date Received:**	3/12/13
		Date Extracted:	3/12/13
		Date Analyzed:	3/18/13 19:23
Sample Name:	S-17-1	**Units:**	µg/Kg
Lab Code:	R1301568-001	**Basis:**	Dry
		Percent Solids:	80.1

Organochlorine Pesticides by Gas Chromatography

Analytical Method:	8081B	**Analysis Lot:**	333208
Prep Method:	EPA 3541	**Extraction Lot:**	178550
Data File Name:	I:\ACQUDATA\6890D\DATA\031813\FN860.D\	**Instrument Name:**	R-GC-54
		Dilution Factor:	10

CAS No.	Analyte Name	Result	Q	MRL	Note
72-54-8	4,4'-DDD	21	U	21	
72-55-9	4,4'-DDE	**190**		21	
50-29-3	4,4'-DDT	**400**		21	
309-00-2	Aldrin	21	U	21	
60-57-1	Dieldrin	**120**		21	
959-98-8	Endosulfan I	21	U	21	
33213-65-9	Endosulfan II	21	U	21	
1031-07-8	Endosulfan Sulfate	21	U	21	
72-20-8	Endrin	**220**		21	
7421-93-4	Endrin Aldehyde	21	U	21	
53494-70-5	Endrin Ketone	**59**		21	
76-44-8	Heptachlor	21	U	21	
1024-57-3	Heptachlor Epoxide	21	U	21	
72-43-5	Methoxychlor	21	U	21	
8001-35-2	Toxaphene	210	U	210	
319-84-6	alpha-BHC	21	U	21	
5103-71-9	alpha-Chlordane	21	U	21	
319-85-7	beta-BHC	21	U	21	
319-86-8	delta-BHC	21	U	21	
58-89-9	gamma-BHC (Lindane)	21	U	21	
5566-34-7	gamma-Chlordane	21	U	21	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	50	10-122	3/18/13 19:23	
Tetrachloro-m-xylene	30	10-123	3/18/13 19:23	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 0800
Sample Matrix:	Soil	**Date Received:**	3/12/13
		Date Extracted:	3/12/13
		Date Analyzed:	3/19/13 19:22
Sample Name:	S-17-1	**Units:**	µg/Kg
Lab Code:	R1301568-001	**Basis:**	Dry
Run Type:	Reanalysis	**Percent Solids:**	80.1

Organochlorine Pesticides by Gas Chromatography

Analytical Method:	8081B	**Analysis Lot:**	333208
Prep Method:	EPA 3541	**Extraction Lot:**	178550
Data File Name:	I:\ACQUDATA\6890D\DATA\031913\FN883.D\	**Instrument Name:**	R-GC-54
		Dilution Factor:	10

CAS No.	Analyte Name	Result	Q	MRL	Note
72-54-8	4,4'-DDD	21	U	21	
72-55-9	4,4'-DDE	**200**		21	
50-29-3	4,4'-DDT	**420**		21	
309-00-2	Aldrin	21	U	21	
60-57-1	Dieldrin	**120**		21	
959-98-8	Endosulfan I	21	U	21	
33213-65-9	Endosulfan II	21	U	21	
1031-07-8	Endosulfan Sulfate	21	U	21	
72-20-8	Endrin	**220**		21	
7421-93-4	Endrin Aldehyde	21	U	21	
53494-70-5	Endrin Ketone	**63**		21	
76-44-8	Heptachlor	21	U	21	
1024-57-3	Heptachlor Epoxide	21	U	21	
72-43-5	Methoxychlor	21	U	21	
8001-35-2	Toxaphene	210	U	210	
319-84-6	alpha-BHC	21	U	21	
5103-71-9	alpha-Chlordane	21	U	21	
319-85-7	beta-BHC	21	U	21	
319-86-8	delta-BHC	21	U	21	
58-89-9	gamma-BHC (Lindane)	21	U	21	
5566-34-7	gamma-Chlordane	21	U	21	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	52	10-122	3/19/13 19:22	
Tetrachloro-m-xylene	32	10-123	3/19/13 19:22	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 0830
Sample Matrix:	Soil	**Date Received:**	3/12/13
Sample Name:	S-21-1		
Lab Code:	R1301568-002	**Basis:**	As Received

General Chemistry Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Solids, Total	160.3 Modified	**76.0**		Percent	1.0	1	NA	3/12/13 15:30	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 0830
Sample Matrix:	Soil	**Date Received:**	3/12/13
Sample Name:	S-21-1		
Lab Code:	R1301568-002	**Basis:**	Dry
		Percent Solids:	76.0

Inorganic Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Arsenic, Total	6010C	**18.2**		mg/Kg	1.3	1	3/13/13	3/14/13 21:06	
Lead, Total	6010C	**70.6**		mg/Kg	6.4	1	3/13/13	3/14/13 21:06	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 0830
Sample Matrix:	Soil	**Date Received:**	3/12/13
		Date Extracted:	3/12/13
		Date Analyzed:	3/18/13 14:29
Sample Name:	S-21-1	**Units:**	µg/Kg
Lab Code:	R1301568-002	**Basis:**	Dry
		Percent Solids:	76.0

Organochlorine Pesticides by Gas Chromatography

Analytical Method:	8081B	**Analysis Lot:**	333208
Prep Method:	EPA 3541	**Extraction Lot:**	178550
Data File Name:	I:\ACQUDATA\6890D\DATA\031813\FN852.D\	**Instrument Name:**	R-GC-54
		Dilution Factor:	5

CAS No.	Analyte Name	Result	Q	MRL	Note
72-54-8	4,4'-DDD	**11**		11	
72-55-9	4,4'-DDE	**260**		11	
50-29-3	4,4'-DDT	**110**		11	
309-00-2	Aldrin	11	U	11	
60-57-1	Dieldrin	**99**		11	
959-98-8	Endosulfan I	11	U	11	
33213-65-9	Endosulfan II	11	U	11	
1031-07-8	Endosulfan Sulfate	11	U	11	
72-20-8	Endrin	**22**		11	
7421-93-4	Endrin Aldehyde	11	U	11	
53494-70-5	Endrin Ketone	11	U	11	
76-44-8	Heptachlor	11	U	11	
1024-57-3	Heptachlor Epoxide	11	U	11	
72-43-5	Methoxychlor	11	U	11	
8001-35-2	Toxaphene	110	U	110	
319-84-6	alpha-BHC	11	U	11	
5103-71-9	alpha-Chlordane	11	U	11	
319-85-7	beta-BHC	11	U	11	
319-86-8	delta-BHC	11	U	11	
58-89-9	gamma-BHC (Lindane)	11	U	11	
5566-34-7	gamma-Chlordane	11	U	11	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	58	10-122	3/18/13 14:29	
Tetrachloro-m-xylene	33	10-123	3/18/13 14:29	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 0830
Sample Matrix:	Soil	**Date Received:**	3/12/13
		Date Extracted:	3/12/13
		Date Analyzed:	3/19/13 14:28
Sample Name:	S-21-1	**Units:**	µg/Kg
Lab Code:	R1301568-002	**Basis:**	Dry
Run Type:	Reanalysis	**Percent Solids:**	76.0

Organochlorine Pesticides by Gas Chromatography

Analytical Method:	8081B	**Analysis Lot:**	333208
Prep Method:	EPA 3541	**Extraction Lot:**	178550
Data File Name:	I:\ACQUDATA\6890D\DATA\031913\FN875.D\	**Instrument Name:**	R-GC-54
		Dilution Factor:	5

CAS No.	Analyte Name	Result	Q	MRL	Note
72-54-8	4,4'-DDD	**12**		11	
72-55-9	4,4'-DDE	**280**		11	
50-29-3	4,4'-DDT	**110**		11	
309-00-2	Aldrin	11	U	11	
60-57-1	Dieldrin	**110**		11	
959-98-8	Endosulfan I	11	U	11	
33213-65-9	Endosulfan II	11	U	11	
1031-07-8	Endosulfan Sulfate	11	U	11	
72-20-8	Endrin	**23**		11	
7421-93-4	Endrin Aldehyde	11	U	11	
53494-70-5	Endrin Ketone	11	U	11	
76-44-8	Heptachlor	11	U	11	
1024-57-3	Heptachlor Epoxide	11	U	11	
72-43-5	Methoxychlor	11	U	11	
8001-35-2	Toxaphene	110	U	110	
319-84-6	alpha-BHC	11	U	11	
5103-71-9	alpha-Chlordane	11	U	11	
319-85-7	beta-BHC	11	U	11	
319-86-8	delta-BHC	11	U	11	
58-89-9	gamma-BHC (Lindane)	11	U	11	
5566-34-7	gamma-Chlordane	11	U	11	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	57	10-122	3/19/13 14:28	
Tetrachloro-m-xylene	37	10-123	3/19/13 14:28	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 0845
Sample Matrix:	Soil	**Date Received:**	3/12/13
Sample Name:	S-21-2		
Lab Code:	R1301568-003	**Basis:**	As Received

General Chemistry Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Solids, Total	160.3 Modified	**81.1**		Percent	1.0	1	NA	3/12/13 15:30	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 0845
Sample Matrix:	Soil	**Date Received:**	3/12/13
Sample Name:	S-21-2		
Lab Code:	R1301568-003	**Basis:**	Dry
		Percent Solids:	81.1

Inorganic Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Arsenic, Total	6010C	**7.4**		mg/Kg	1.2	1	3/13/13	3/14/13 21:13	
Lead, Total	6010C	**27.8**		mg/Kg	6.0	1	3/13/13	3/14/13 21:13	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 0845
Sample Matrix:	Soil	**Date Received:**	3/12/13
		Date Extracted:	3/12/13
		Date Analyzed:	3/18/13 12:03
Sample Name:	S-21-2	**Units:**	µg/Kg
Lab Code:	R1301568-003	**Basis:**	Dry
		Percent Solids:	81.1

Organochlorine Pesticides by Gas Chromatography

Analytical Method:	8081B	**Analysis Lot:**	333208
Prep Method:	EPA 3541	**Extraction Lot:**	178550
Data File Name:	I:\ACQUDATA\6890D\DATA\031813\FN848.D\	**Instrument Name:**	R-GC-54
		Dilution Factor:	2

CAS No.	Analyte Name	Result	Q	MRL	Note
72-54-8	4,4'-DDD	**4.5**		4.1	
72-55-9	4,4'-DDE	**87**		4.1	
50-29-3	4,4'-DDT	**43**		4.1	
309-00-2	Aldrin	4.1	U	4.1	
60-57-1	Dieldrin	**29**		4.1	
959-98-8	Endosulfan I	4.1	U	4.1	
33213-65-9	Endosulfan II	4.1	U	4.1	
1031-07-8	Endosulfan Sulfate	4.1	U	4.1	
72-20-8	Endrin	**6.5**		4.1	
7421-93-4	Endrin Aldehyde	4.1	U	4.1	
53494-70-5	Endrin Ketone	4.1	U	4.1	
76-44-8	Heptachlor	4.1	U	4.1	
1024-57-3	Heptachlor Epoxide	4.1	U	4.1	
72-43-5	Methoxychlor	4.1	U	4.1	
8001-35-2	Toxaphene	41	U	41	
319-84-6	alpha-BHC	4.1	U	4.1	
5103-71-9	alpha-Chlordane	4.1	U	4.1	
319-85-7	beta-BHC	4.1	U	4.1	
319-86-8	delta-BHC	4.1	U	4.1	
58-89-9	gamma-BHC (Lindane)	4.1	U	4.1	
5566-34-7	gamma-Chlordane	4.1	U	4.1	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	55	10-122	3/18/13 12:03	
Tetrachloro-m-xylene	27	10-123	3/18/13 12:03	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 0845
Sample Matrix:	Soil	**Date Received:**	3/12/13
		Date Extracted:	3/12/13
		Date Analyzed:	3/19/13 12:01
Sample Name:	S-21-2	**Units:**	µg/Kg
Lab Code:	R1301568-003	**Basis:**	Dry
Run Type:	Reanalysis	**Percent Solids:**	81.1

Organochlorine Pesticides by Gas Chromatography

Analytical Method:	8081B	**Analysis Lot:**	333208
Prep Method:	EPA 3541	**Extraction Lot:**	178550
Data File Name:	I:\ACQUDATA\6890D\DATA\031913\FN871.D\	**Instrument Name:**	R-GC-54
		Dilution Factor:	2

CAS No.	Analyte Name	Result	Q	MRL	Note
72-54-8	4,4'-DDD	**4.4**		4.1	
72-55-9	4,4'-DDE	**92**		4.1	
50-29-3	4,4'-DDT	**46**		4.1	
309-00-2	Aldrin	4.1	U	4.1	
60-57-1	Dieldrin	**31**		4.1	
959-98-8	Endosulfan I	4.1	U	4.1	
33213-65-9	Endosulfan II	4.1	U	4.1	
1031-07-8	Endosulfan Sulfate	4.1	U	4.1	
72-20-8	Endrin	**6.9**		4.1	
7421-93-4	Endrin Aldehyde	4.1	U	4.1	
53494-70-5	Endrin Ketone	4.1	U	4.1	
76-44-8	Heptachlor	4.1	U	4.1	
1024-57-3	Heptachlor Epoxide	4.1	U	4.1	
72-43-5	Methoxychlor	4.1	U	4.1	
8001-35-2	Toxaphene	41	U	41	
319-84-6	alpha-BHC	4.1	U	4.1	
5103-71-9	alpha-Chlordane	4.1	U	4.1	
319-85-7	beta-BHC	4.1	U	4.1	
319-86-8	delta-BHC	4.1	U	4.1	
58-89-9	gamma-BHC (Lindane)	4.1	U	4.1	
5566-34-7	gamma-Chlordane	4.1	U	4.1	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	56	10-122	3/19/13 12:01	
Tetrachloro-m-xylene	30	10-123	3/19/13 12:01	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 0915
Sample Matrix:	Soil	**Date Received:**	3/12/13
Sample Name:	S-7-1		
Lab Code:	R1301568-004	**Basis:**	As Received

General Chemistry Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Solids, Total	160.3 Modified	**83.4**		Percent	1.0	1	NA	3/12/13 15:30	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 0915
Sample Matrix:	Soil	**Date Received:**	3/12/13
Sample Name:	S-7-1		
Lab Code:	R1301568-004	**Basis:**	Dry
		Percent Solids:	83.4

Inorganic Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Arsenic, Total	6010C	**9.3**		mg/Kg	1.2	1	3/13/13	3/14/13 21:19	
Lead, Total	6010C	**14.1**		mg/Kg	5.8	1	3/13/13	3/14/13 21:19	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 0915
Sample Matrix:	Soil	**Date Received:**	3/12/13
		Date Extracted:	3/12/13
		Date Analyzed:	3/18/13 12:39
Sample Name:	S-7-1	**Units:**	µg/Kg
Lab Code:	R1301568-004	**Basis:**	Dry
		Percent Solids:	83.4

Organochlorine Pesticides by Gas Chromatography

Analytical Method:	8081B	**Analysis Lot:**	333208
Prep Method:	EPA 3541	**Extraction Lot:**	178550
Data File Name:	I:\ACQUDATA\6890D\DATA\031813\FN849.D\	**Instrument Name:**	R-GC-54
		Dilution Factor:	2

CAS No.	Analyte Name	Result	Q	MRL	Note
72-54-8	4,4'-DDD	4.0	U	4.0	
72-55-9	4,4'-DDE	**110**		4.0	
50-29-3	4,4'-DDT	**83**		4.0	
309-00-2	Aldrin	4.0	U	4.0	
60-57-1	Dieldrin	**14**		4.0	
959-98-8	Endosulfan I	4.0	U	4.0	
33213-65-9	Endosulfan II	4.0	U	4.0	
1031-07-8	Endosulfan Sulfate	4.0	U	4.0	
72-20-8	Endrin	**6.5**		4.0	
7421-93-4	Endrin Aldehyde	4.0	U	4.0	
53494-70-5	Endrin Ketone	4.0	U	4.0	
76-44-8	Heptachlor	4.0	U	4.0	
1024-57-3	Heptachlor Epoxide	4.0	U	4.0	
72-43-5	Methoxychlor	4.0	U	4.0	
8001-35-2	Toxaphene	40	U	40	
319-84-6	alpha-BHC	4.0	U	4.0	
5103-71-9	alpha-Chlordane	4.0	U	4.0	
319-85-7	beta-BHC	4.0	U	4.0	
319-86-8	delta-BHC	4.0	U	4.0	
58-89-9	gamma-BHC (Lindane)	4.0	U	4.0	
5566-34-7	gamma-Chlordane	4.0	U	4.0	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	56	10-122	3/18/13 12:39	
Tetrachloro-m-xylene	27	10-123	3/18/13 12:39	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 0915
Sample Matrix:	Soil	**Date Received:**	3/12/13
		Date Extracted:	3/12/13
		Date Analyzed:	3/19/13 12:38
Sample Name:	S-7-1	**Units:**	µg/Kg
Lab Code:	R1301568-004	**Basis:**	Dry
Run Type:	Reanalysis	**Percent Solids:**	83.4

Organochlorine Pesticides by Gas Chromatography

Analytical Method:	8081B	**Analysis Lot:**	333208
Prep Method:	EPA 3541	**Extraction Lot:**	178550
Data File Name:	I:\ACQUDATA\6890D\DATA\031913\FN872.D\	**Instrument Name:**	R-GC-54
		Dilution Factor:	2

CAS No.	Analyte Name	Result	Q	MRL	Note
72-54-8	4,4'-DDD	4.0	U	4.0	
72-55-9	4,4'-DDE	**120**		4.0	
50-29-3	4,4'-DDT	**85**		4.0	
309-00-2	Aldrin	4.0	U	4.0	
60-57-1	Dieldrin	**15**		4.0	
959-98-8	Endosulfan I	4.0	U	4.0	
33213-65-9	Endosulfan II	4.0	U	4.0	
1031-07-8	Endosulfan Sulfate	4.0	U	4.0	
72-20-8	Endrin	**6.8**		4.0	
7421-93-4	Endrin Aldehyde	4.0	U	4.0	
53494-70-5	Endrin Ketone	4.0	U	4.0	
76-44-8	Heptachlor	4.0	U	4.0	
1024-57-3	Heptachlor Epoxide	4.0	U	4.0	
72-43-5	Methoxychlor	4.0	U	4.0	
8001-35-2	Toxaphene	40	U	40	
319-84-6	alpha-BHC	4.0	U	4.0	
5103-71-9	alpha-Chlordane	4.0	U	4.0	
319-85-7	beta-BHC	4.0	U	4.0	
319-86-8	delta-BHC	4.0	U	4.0	
58-89-9	gamma-BHC (Lindane)	4.0	U	4.0	
5566-34-7	gamma-Chlordane	4.0	U	4.0	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	56	10-122	3/19/13 12:38	
Tetrachloro-m-xylene	27	10-123	3/19/13 12:38	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 0945
Sample Matrix:	Soil	**Date Received:**	3/12/13
Sample Name:	S-9-1		
Lab Code:	R1301568-005	**Basis:**	As Received

General Chemistry Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Solids, Total	160.3 Modified	**73.3**		Percent	1.0	1	NA	3/12/13 15:30	

Client: Seeler Engineering, PC
Project: New Paltz/044.002
Sample Matrix: Soil

Sample Name: S-9-1
Lab Code: R1301568-005

Service Request: R1301568
Date Collected: 3/11/13 0945
Date Received: 3/12/13

Basis: Dry
Percent Solids: 73.3

Inorganic Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Arsenic, Total	6010C	**5.0**		mg/Kg	1.3	1	3/13/13	3/14/13 21:26	
Lead, Total	6010C	**19.0**		mg/Kg	6.7	1	3/13/13	3/14/13 21:26	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 0945
Sample Matrix:	Soil	**Date Received:**	3/12/13
		Date Extracted:	3/12/13
		Date Analyzed:	3/15/13 19:36
Sample Name:	S-9-1	**Units:**	µg/Kg
Lab Code:	R1301568-005	**Basis:**	Dry
		Percent Solids:	73.3

Organochlorine Pesticides by Gas Chromatography

Analytical Method:	8081B	**Analysis Lot:**	332841
Prep Method:	EPA 3541	**Extraction Lot:**	178550
Data File Name:	I:\ACQUDATA\7890m\DATA\031513\AC018.D\	**Instrument Name:**	R-GC-62
		Dilution Factor:	5

CAS No.	Analyte Name	Result	Q	MRL	Note
72-54-8	4,4'-DDD	11	U	11	
72-55-9	4,4'-DDE	**200**		11	
50-29-3	4,4'-DDT	**81**		11	
309-00-2	Aldrin	11	U	11	
60-57-1	Dieldrin	11	U	11	
959-98-8	Endosulfan I	11	U	11	
33213-65-9	Endosulfan II	11	U	11	
1031-07-8	Endosulfan Sulfate	11	U	11	
72-20-8	Endrin	11	U	11	
7421-93-4	Endrin Aldehyde	11	U	11	
53494-70-5	Endrin Ketone	11	U	11	
76-44-8	Heptachlor	11	U	11	
1024-57-3	Heptachlor Epoxide	11	U	11	
72-43-5	Methoxychlor	11	U	11	
8001-35-2	Toxaphene	110	U	110	
319-84-6	alpha-BHC	11	U	11	
5103-71-9	alpha-Chlordane	11	U	11	
319-85-7	beta-BHC	11	U	11	
319-86-8	delta-BHC	11	U	11	
58-89-9	gamma-BHC (Lindane)	11	U	11	
5566-34-7	gamma-Chlordane	11	U	11	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	62	10-122	3/15/13 19:36	
Tetrachloro-m-xylene	37	10-123	3/15/13 19:36	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 1010
Sample Matrix:	Soil	**Date Received:**	3/12/13
Sample Name:	S-29-1		
Lab Code:	R1301568-006	**Basis:**	As Received

General Chemistry Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Solids, Total	160.3 Modified	**82.0**		Percent	1.0	1	NA	3/12/13 15:30	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 1010
Sample Matrix:	Soil	**Date Received:**	3/12/13
Sample Name:	S-29-1		
Lab Code:	R1301568-006	**Basis:**	Dry
		Percent Solids:	82.0

Inorganic Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Arsenic, Total	6010C	**6.3**		mg/Kg	1.2	1	3/13/13	3/14/13 21:32	
Lead, Total	6010C	**19.0**		mg/Kg	5.9	1	3/13/13	3/14/13 21:32	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 1010
Sample Matrix:	Soil	**Date Received:**	3/12/13
		Date Extracted:	3/12/13
		Date Analyzed:	3/18/13 13:16
Sample Name:	S-29-1	**Units:**	µg/Kg
Lab Code:	R1301568-006	**Basis:**	Dry
		Percent Solids:	82.0

Organochlorine Pesticides by Gas Chromatography

Analytical Method:	8081B	**Analysis Lot:**	333208
Prep Method:	EPA 3541	**Extraction Lot:**	178550
Data File Name:	I:\ACQUDATA\6890D\DATA\031813\FN850.D\	**Instrument Name:**	R-GC-54
		Dilution Factor:	2

CAS No.	Analyte Name	Result	Q	MRL	Note
72-54-8	4,4'-DDD	4.1	U	4.1	
72-55-9	4,4'-DDE	**60**		4.1	
50-29-3	4,4'-DDT	**71**		4.1	
309-00-2	Aldrin	4.1	U	4.1	
60-57-1	Dieldrin	**52**		4.1	
959-98-8	Endosulfan I	4.1	U	4.1	
33213-65-9	Endosulfan II	4.1	U	4.1	
1031-07-8	Endosulfan Sulfate	4.1	U	4.1	
72-20-8	Endrin	**8.4**		4.1	
7421-93-4	Endrin Aldehyde	4.1	U	4.1	
53494-70-5	Endrin Ketone	4.1	U	4.1	
76-44-8	Heptachlor	4.1	U	4.1	
1024-57-3	Heptachlor Epoxide	4.1	U	4.1	
72-43-5	Methoxychlor	4.1	U	4.1	
8001-35-2	Toxaphene	41	U	41	
319-84-6	alpha-BHC	4.1	U	4.1	
5103-71-9	alpha-Chlordane	4.1	U	4.1	
319-85-7	beta-BHC	4.1	U	4.1	
319-86-8	delta-BHC	4.1	U	4.1	
58-89-9	gamma-BHC (Lindane)	4.1	U	4.1	
5566-34-7	gamma-Chlordane	4.1	U	4.1	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	49	10-122	3/18/13 13:16	
Tetrachloro-m-xylene	27	10-123	3/18/13 13:16	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 1010
Sample Matrix:	Soil	**Date Received:**	3/12/13
		Date Extracted:	3/12/13
		Date Analyzed:	3/19/13 13:15
Sample Name:	S-29-1	**Units:**	µg/Kg
Lab Code:	R1301568-006	**Basis:**	Dry
Run Type:	Reanalysis	**Percent Solids:**	82.0

Organochlorine Pesticides by Gas Chromatography

Analytical Method:	8081B	**Analysis Lot:**	333208
Prep Method:	EPA 3541	**Extraction Lot:**	178550
Data File Name:	I:\ACQUDATA\6890D\DATA\031913\FN873.D\	**Instrument Name:**	R-GC-54
		Dilution Factor:	2

CAS No.	Analyte Name	Result	Q	MRL	Note
72-54-8	4,4'-DDD	4.1	U	4.1	
72-55-9	4,4'-DDE	**64**		4.1	
50-29-3	4,4'-DDT	**76**		4.1	
309-00-2	Aldrin	4.1	U	4.1	
60-57-1	Dieldrin	**56**		4.1	
959-98-8	Endosulfan I	4.1	U	4.1	
33213-65-9	Endosulfan II	4.1	U	4.1	
1031-07-8	Endosulfan Sulfate	4.1	U	4.1	
72-20-8	Endrin	**8.9**		4.1	
7421-93-4	Endrin Aldehyde	4.1	U	4.1	
53494-70-5	Endrin Ketone	4.1	U	4.1	
76-44-8	Heptachlor	4.1	U	4.1	
1024-57-3	Heptachlor Epoxide	4.1	U	4.1	
72-43-5	Methoxychlor	4.1	U	4.1	
8001-35-2	Toxaphene	41	U	41	
319-84-6	alpha-BHC	4.1	U	4.1	
5103-71-9	alpha-Chlordane	4.1	U	4.1	
319-85-7	beta-BHC	4.1	U	4.1	
319-86-8	delta-BHC	4.1	U	4.1	
58-89-9	gamma-BHC (Lindane)	4.1	U	4.1	
5566-34-7	gamma-Chlordane	4.1	U	4.1	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	50	10-122	3/19/13 13:15	
Tetrachloro-m-xylene	28	10-123	3/19/13 13:15	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 1035
Sample Matrix:	Soil	**Date Received:**	3/12/13
Sample Name:	S-20-1		
Lab Code:	R1301568-007	**Basis:**	As Received

General Chemistry Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Solids, Total	160.3 Modified	**81.4**		Percent	1.0	1	NA	3/12/13 15:30	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 1035
Sample Matrix:	Soil	**Date Received:**	3/12/13
Sample Name:	S-20-1		
Lab Code:	R1301568-007	**Basis:**	Dry
		Percent Solids:	81.4

Inorganic Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Arsenic, Total	6010C	**14.0**		mg/Kg	1.2	1	3/13/13	3/14/13 21:39	
Lead, Total	6010C	**24.8**		mg/Kg	5.9	1	3/13/13	3/14/13 21:39	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 1035
Sample Matrix:	Soil	**Date Received:**	3/12/13
		Date Extracted:	3/12/13
		Date Analyzed:	3/18/13 15:06
Sample Name:	S-20-1	**Units:**	µg/Kg
Lab Code:	R1301568-007	**Basis:**	Dry
		Percent Solids:	81.4

Organochlorine Pesticides by Gas Chromatography

Analytical Method:	8081B	**Analysis Lot:**	333208
Prep Method:	EPA 3541	**Extraction Lot:**	178550
Data File Name:	I:\ACQUDATA\6890D\DATA\031813\FN853.D\	**Instrument Name:**	R-GC-54
		Dilution Factor:	5

CAS No.	Analyte Name	Result	Q	MRL	Note
72-54-8	4,4'-DDD	10	U	10	
72-55-9	4,4'-DDE	**140**		10	
50-29-3	4,4'-DDT	**130**		10	
309-00-2	Aldrin	10	U	10	
60-57-1	Dieldrin	**57**		10	
959-98-8	Endosulfan I	10	U	10	
33213-65-9	Endosulfan II	10	U	10	
1031-07-8	Endosulfan Sulfate	10	U	10	
72-20-8	Endrin	**260**		10	
7421-93-4	Endrin Aldehyde	10	U	10	
53494-70-5	Endrin Ketone	**66**		10	
76-44-8	Heptachlor	10	U	10	
1024-57-3	Heptachlor Epoxide	10	U	10	
72-43-5	Methoxychlor	10	U	10	
8001-35-2	Toxaphene	100	U	100	
319-84-6	alpha-BHC	10	U	10	
5103-71-9	alpha-Chlordane	10	U	10	
319-85-7	beta-BHC	10	U	10	
319-86-8	delta-BHC	10	U	10	
58-89-9	gamma-BHC (Lindane)	10	U	10	
5566-34-7	gamma-Chlordane	10	U	10	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	47	10-122	3/18/13 15:06	
Tetrachloro-m-xylene	31	10-123	3/18/13 15:06	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 1035
Sample Matrix:	Soil	**Date Received:**	3/12/13
		Date Extracted:	3/12/13
		Date Analyzed:	3/19/13 15:05
Sample Name:	S-20-1	**Units:**	µg/Kg
Lab Code:	R1301568-007	**Basis:**	Dry
Run Type:	Reanalysis	**Percent Solids:**	81.4

Organochlorine Pesticides by Gas Chromatography

Analytical Method:	8081B	**Analysis Lot:**	333208
Prep Method:	EPA 3541	**Extraction Lot:**	178550
Data File Name:	I:\ACQUDATA\6890D\DATA\031913\FN876.D\	**Instrument Name:**	R-GC-54
		Dilution Factor:	5

CAS No.	Analyte Name	Result	Q	MRL	Note
72-54-8	4,4'-DDD	10	U	10	
72-55-9	4,4'-DDE	**160**		10	
50-29-3	4,4'-DDT	**130**		10	
309-00-2	Aldrin	10	U	10	
60-57-1	Dieldrin	**62**		10	
959-98-8	Endosulfan I	10	U	10	
33213-65-9	Endosulfan II	10	U	10	
1031-07-8	Endosulfan Sulfate	10	U	10	
72-20-8	Endrin	**270**		10	
7421-93-4	Endrin Aldehyde	10	U	10	
53494-70-5	Endrin Ketone	**73**		10	
76-44-8	Heptachlor	10	U	10	
1024-57-3	Heptachlor Epoxide	10	U	10	
72-43-5	Methoxychlor	10	U	10	
8001-35-2	Toxaphene	100	U	100	
319-84-6	alpha-BHC	10	U	10	
5103-71-9	alpha-Chlordane	10	U	10	
319-85-7	beta-BHC	10	U	10	
319-86-8	delta-BHC	10	U	10	
58-89-9	gamma-BHC (Lindane)	10	U	10	
5566-34-7	gamma-Chlordane	10	U	10	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	49	10-122	3/19/13 15:05	
Tetrachloro-m-xylene	34	10-123	3/19/13 15:05	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 1045
Sample Matrix:	Soil	**Date Received:**	3/12/13
Sample Name:	S-20-2		
Lab Code:	R1301568-008	**Basis:**	As Received

General Chemistry Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Solids, Total	160.3 Modified	**82.9**		Percent	1.0	1	NA	3/12/13 15:30	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 1045
Sample Matrix:	Soil	**Date Received:**	3/12/13
Sample Name:	S-20-2		
Lab Code:	R1301568-008	**Basis:**	Dry
		Percent Solids:	82.9

Inorganic Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Arsenic, Total	6010C	**9.6**		mg/Kg	1.2	1	3/13/13	3/14/13 22:24	
Lead, Total	6010C	**20.1**		mg/Kg	5.8	1	3/13/13	3/14/13 22:24	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 1045
Sample Matrix:	Soil	**Date Received:**	3/12/13
		Date Extracted:	3/12/13
		Date Analyzed:	3/18/13 13:53
Sample Name:	S-20-2	**Units:**	µg/Kg
Lab Code:	R1301568-008	**Basis:**	Dry
		Percent Solids:	82.9

Organochlorine Pesticides by Gas Chromatography

Analytical Method:	8081B	**Analysis Lot:**	333208
Prep Method:	EPA 3541	**Extraction Lot:**	178550
Data File Name:	I:\ACQUDATA\6890D\DATA\031813\FN851.D\	**Instrument Name:**	R-GC-54
		Dilution Factor:	2

CAS No.	Analyte Name	Result	Q	MRL	Note
72-54-8	4,4'-DDD	4.1	U	4.1	
72-55-9	4,4'-DDE	**55**		4.1	
50-29-3	4,4'-DDT	**39**		4.1	
309-00-2	Aldrin	4.1	U	4.1	
60-57-1	Dieldrin	**24**		4.1	
959-98-8	Endosulfan I	4.1	U	4.1	
33213-65-9	Endosulfan II	4.1	U	4.1	
1031-07-8	Endosulfan Sulfate	4.1	U	4.1	
72-20-8	Endrin	**120**		4.1	
7421-93-4	Endrin Aldehyde	4.1	U	4.1	
53494-70-5	Endrin Ketone	**26**		4.1	
76-44-8	Heptachlor	4.1	U	4.1	
1024-57-3	Heptachlor Epoxide	4.1	U	4.1	
72-43-5	Methoxychlor	4.1	U	4.1	
8001-35-2	Toxaphene	41	U	41	
319-84-6	alpha-BHC	4.1	U	4.1	
5103-71-9	alpha-Chlordane	4.1	U	4.1	
319-85-7	beta-BHC	4.1	U	4.1	
319-86-8	delta-BHC	4.1	U	4.1	
58-89-9	gamma-BHC (Lindane)	4.1	U	4.1	
5566-34-7	gamma-Chlordane	4.1	U	4.1	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	49	10-122	3/18/13 13:53	
Tetrachloro-m-xylene	27	10-123	3/18/13 13:53	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 1045
Sample Matrix:	Soil	**Date Received:**	3/12/13
		Date Extracted:	3/12/13
		Date Analyzed:	3/19/13 13:52
Sample Name:	S-20-2	**Units:**	µg/Kg
Lab Code:	R1301568-008	**Basis:**	Dry
Run Type:	Reanalysis	**Percent Solids:**	82.9

Organochlorine Pesticides by Gas Chromatography

Analytical Method:	8081B	**Analysis Lot:**	333208
Prep Method:	EPA 3541	**Extraction Lot:**	178550
Data File Name:	I:\ACQUDATA\6890D\DATA\031913\FN874.D\	**Instrument Name:**	R-GC-54
		Dilution Factor:	2

CAS No.	Analyte Name	Result	Q	MRL	Note
72-54-8	4,4'-DDD	4.1	U	4.1	
72-55-9	4,4'-DDE	**57**		4.1	
50-29-3	4,4'-DDT	**40**		4.1	
309-00-2	Aldrin	4.1	U	4.1	
60-57-1	Dieldrin	**25**		4.1	
959-98-8	Endosulfan I	4.1	U	4.1	
33213-65-9	Endosulfan II	4.1	U	4.1	
1031-07-8	Endosulfan Sulfate	4.1	U	4.1	
72-20-8	Endrin	**120**		4.1	
7421-93-4	Endrin Aldehyde	4.1	U	4.1	
53494-70-5	Endrin Ketone	**27**		4.1	
76-44-8	Heptachlor	4.1	U	4.1	
1024-57-3	Heptachlor Epoxide	4.1	U	4.1	
72-43-5	Methoxychlor	4.1	U	4.1	
8001-35-2	Toxaphene	41	U	41	
319-84-6	alpha-BHC	4.1	U	4.1	
5103-71-9	alpha-Chlordane	4.1	U	4.1	
319-85-7	beta-BHC	4.1	U	4.1	
319-86-8	delta-BHC	4.1	U	4.1	
58-89-9	gamma-BHC (Lindane)	4.1	U	4.1	
5566-34-7	gamma-Chlordane	4.1	U	4.1	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	49	10-122	3/19/13 13:52	
Tetrachloro-m-xylene	28	10-123	3/19/13 13:52	

Client: Seeler Engineering, PC
Project: New Paltz/044.002
Sample Matrix: Soil

Service Request: R1301568
Date Collected: 3/11/13 1110
Date Received: 3/12/13

Sample Name: S-23-1
Lab Code: R1301568-009

Basis: As Received

General Chemistry Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Solids, Total	160.3 Modified	**82.9**		Percent	1.0	1	NA	3/12/13 15:30	

Client: Seeler Engineering, PC
Project: New Paltz/044.002
Sample Matrix: Soil

Service Request: R1301568
Date Collected: 3/11/13 1110
Date Received: 3/12/13

Sample Name: S-23-1
Lab Code: R1301568-009

Basis: Dry
Percent Solids: 82.9

Inorganic Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Arsenic, Total	6010C	**11.7**		mg/Kg	1.1	1	3/13/13	3/14/13 22:31	
Lead, Total	6010C	**24.0**		mg/Kg	5.7	1	3/13/13	3/14/13 22:31	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 1110
Sample Matrix:	Soil	**Date Received:**	3/12/13
		Date Extracted:	3/12/13
		Date Analyzed:	3/18/13 21:13
Sample Name:	S-23-1	**Units:**	µg/Kg
Lab Code:	R1301568-009	**Basis:**	Dry
		Percent Solids:	82.9

Organochlorine Pesticides by Gas Chromatography

Analytical Method:	8081B	**Analysis Lot:**	333208
Prep Method:	EPA 3541	**Extraction Lot:**	178550
Data File Name:	I:\ACQUDATA\6890D\DATA\031813\FN863.D\	**Instrument Name:**	R-GC-54
		Dilution Factor:	10

CAS No.	Analyte Name	Result	Q	MRL	Note
72-54-8	4,4'-DDD	20	U	20	
72-55-9	4,4'-DDE	**320**		20	
50-29-3	4,4'-DDT	**340**		20	
309-00-2	Aldrin	20	U	20	
60-57-1	Dieldrin	**99**		20	
959-98-8	Endosulfan I	20	U	20	
33213-65-9	Endosulfan II	20	U	20	
1031-07-8	Endosulfan Sulfate	20	U	20	
72-20-8	Endrin	**53**		20	
7421-93-4	Endrin Aldehyde	20	U	20	
53494-70-5	Endrin Ketone	**25**		20	
76-44-8	Heptachlor	20	U	20	
1024-57-3	Heptachlor Epoxide	20	U	20	
72-43-5	Methoxychlor	20	U	20	
8001-35-2	Toxaphene	200	U	200	
319-84-6	alpha-BHC	20	U	20	
5103-71-9	alpha-Chlordane	20	U	20	
319-85-7	beta-BHC	20	U	20	
319-86-8	delta-BHC	20	U	20	
58-89-9	gamma-BHC (Lindane)	20	U	20	
5566-34-7	gamma-Chlordane	20	U	20	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	64	10-122	3/18/13 21:13	
Tetrachloro-m-xylene	44	10-123	3/18/13 21:13	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 1110
Sample Matrix:	Soil	**Date Received:**	3/12/13
		Date Extracted:	3/12/13
		Date Analyzed:	3/19/13 21:12
Sample Name:	S-23-1	**Units:**	µg/Kg
Lab Code:	R1301568-009	**Basis:**	Dry
Run Type:	Reanalysis	**Percent Solids:**	82.9

Organochlorine Pesticides by Gas Chromatography

Analytical Method:	8081B	**Analysis Lot:**	333208
Prep Method:	EPA 3541	**Extraction Lot:**	178550
Data File Name:	I:\ACQUDATA\6890D\DATA\031913\FN886.D\	**Instrument Name:**	R-GC-54
		Dilution Factor:	10

CAS No.	Analyte Name	Result	Q	MRL	Note
72-54-8	4,4'-DDD	20	U	20	
72-55-9	4,4'-DDE	**330**		20	
50-29-3	4,4'-DDT	**360**		20	
309-00-2	Aldrin	20	U	20	
60-57-1	Dieldrin	**100**		20	
959-98-8	Endosulfan I	20	U	20	
33213-65-9	Endosulfan II	20	U	20	
1031-07-8	Endosulfan Sulfate	20	U	20	
72-20-8	Endrin	**54**		20	
7421-93-4	Endrin Aldehyde	20	U	20	
53494-70-5	Endrin Ketone	**26**		20	
76-44-8	Heptachlor	20	U	20	
1024-57-3	Heptachlor Epoxide	20	U	20	
72-43-5	Methoxychlor	20	U	20	
8001-35-2	Toxaphene	200	U	200	
319-84-6	alpha-BHC	20	U	20	
5103-71-9	alpha-Chlordane	20	U	20	
319-85-7	beta-BHC	20	U	20	
319-86-8	delta-BHC	20	U	20	
58-89-9	gamma-BHC (Lindane)	20	U	20	
5566-34-7	gamma-Chlordane	20	U	20	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	64	10-122	3/19/13 21:12	
Tetrachloro-m-xylene	47	10-123	3/19/13 21:12	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 1120
Sample Matrix:	Soil	**Date Received:**	3/12/13
Sample Name:	S-23-2		
Lab Code:	R1301568-010	**Basis:**	As Received

General Chemistry Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Solids, Total	160.3 Modified	**82.2**		Percent	1.0	1	NA	3/12/13 15:30	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 1120
Sample Matrix:	Soil	**Date Received:**	3/12/13
Sample Name:	S-23-2		
Lab Code:	R1301568-010	**Basis:**	Dry
		Percent Solids:	82.2

Inorganic Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Arsenic, Total	6010C	**11.4**		mg/Kg	1.2	1	3/13/13	3/14/13 22:37	
Lead, Total	6010C	**19.4**		mg/Kg	6.0	1	3/13/13	3/14/13 22:37	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 1120
Sample Matrix:	Soil	**Date Received:**	3/12/13
		Date Extracted:	3/12/13
		Date Analyzed:	3/18/13 15:43
Sample Name:	S-23-2	**Units:**	µg/Kg
Lab Code:	R1301568-010	**Basis:**	Dry
		Percent Solids:	82.2

Organochlorine Pesticides by Gas Chromatography

Analytical Method:	8081B	**Analysis Lot:**	333208
Prep Method:	EPA 3541	**Extraction Lot:**	178550
Data File Name:	I:\ACQUDATA\6890D\DATA\031813\FN854.D\	**Instrument Name:**	R-GC-54
		Dilution Factor:	5

CAS No.	Analyte Name	Result	Q	MRL	Note
72-54-8	4,4'-DDD	10	U	10	
72-55-9	4,4'-DDE	**220**		10	
50-29-3	4,4'-DDT	**200**		10	
309-00-2	Aldrin	10	U	10	
60-57-1	Dieldrin	**45**		10	
959-98-8	Endosulfan I	10	U	10	
33213-65-9	Endosulfan II	10	U	10	
1031-07-8	Endosulfan Sulfate	10	U	10	
72-20-8	Endrin	**31**		10	
7421-93-4	Endrin Aldehyde	10	U	10	
53494-70-5	Endrin Ketone	10	U	10	
76-44-8	Heptachlor	10	U	10	
1024-57-3	Heptachlor Epoxide	10	U	10	
72-43-5	Methoxychlor	10	U	10	
8001-35-2	Toxaphene	100	U	100	
319-84-6	alpha-BHC	10	U	10	
5103-71-9	alpha-Chlordane	10	U	10	
319-85-7	beta-BHC	10	U	10	
319-86-8	delta-BHC	10	U	10	
58-89-9	gamma-BHC (Lindane)	10	U	10	
5566-34-7	gamma-Chlordane	10	U	10	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	54	10-122	3/18/13 15:43	
Tetrachloro-m-xylene	36	10-123	3/18/13 15:43	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 1120
Sample Matrix:	Soil	**Date Received:**	3/12/13
		Date Extracted:	3/12/13
		Date Analyzed:	3/19/13 15:42
Sample Name:	S-23-2	**Units:**	µg/Kg
Lab Code:	R1301568-010	**Basis:**	Dry
Run Type:	Reanalysis	**Percent Solids:**	82.2

Organochlorine Pesticides by Gas Chromatography

Analytical Method:	8081B	**Analysis Lot:**	333208
Prep Method:	EPA 3541	**Extraction Lot:**	178550
Data File Name:	I:\ACQUDATA\6890D\DATA\031913\FN877.D\	**Instrument Name:**	R-GC-54
		Dilution Factor:	5

CAS No.	Analyte Name	Result	Q	MRL	Note
72-54-8	4,4'-DDD	10	U	10	
72-55-9	4,4'-DDE	**240**		10	
50-29-3	4,4'-DDT	**210**		10	
309-00-2	Aldrin	10	U	10	
60-57-1	Dieldrin	**49**		10	
959-98-8	Endosulfan I	10	U	10	
33213-65-9	Endosulfan II	10	U	10	
1031-07-8	Endosulfan Sulfate	10	U	10	
72-20-8	Endrin	**34**		10	
7421-93-4	Endrin Aldehyde	10	U	10	
53494-70-5	Endrin Ketone	10	U	10	
76-44-8	Heptachlor	10	U	10	
1024-57-3	Heptachlor Epoxide	10	U	10	
72-43-5	Methoxychlor	10	U	10	
8001-35-2	Toxaphene	100	U	100	
319-84-6	alpha-BHC	10	U	10	
5103-71-9	alpha-Chlordane	10	U	10	
319-85-7	beta-BHC	10	U	10	
319-86-8	delta-BHC	10	U	10	
58-89-9	gamma-BHC (Lindane)	10	U	10	
5566-34-7	gamma-Chlordane	10	U	10	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	57	10-122	3/19/13 15:42	
Tetrachloro-m-xylene	39	10-123	3/19/13 15:42	

Client: Seeler Engineering, PC
Project: New Paltz/044.002
Sample Matrix: Soil

Sample Name: S-26-1
Lab Code: R1301568-011

Service Request: R1301568
Date Collected: 3/11/13 1145
Date Received: 3/12/13

Basis: As Received

General Chemistry Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Solids, Total	160.3 Modified	**75.5**		Percent	1.0	1	NA	3/12/13 15:30	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 1145
Sample Matrix:	Soil	**Date Received:**	3/12/13
Sample Name:	S-26-1		
Lab Code:	R1301568-011	**Basis:**	Dry
		Percent Solids:	75.5

Inorganic Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Arsenic, Total	6010C	**19.9**		mg/Kg	1.3	1	3/13/13	3/14/13 22:44	
Lead, Total	6010C	**34.6**		mg/Kg	6.4	1	3/13/13	3/14/13 22:44	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 1145
Sample Matrix:	Soil	**Date Received:**	3/12/13
		Date Extracted:	3/12/13
		Date Analyzed:	3/18/13 21:50
Sample Name:	S-26-1	**Units:**	µg/Kg
Lab Code:	R1301568-011	**Basis:**	Dry
		Percent Solids:	75.5

Organochlorine Pesticides by Gas Chromatography

Analytical Method:	8081B	**Analysis Lot:**	333208
Prep Method:	EPA 3541	**Extraction Lot:**	178550
Data File Name:	I:\ACQUDATA\6890D\DATA\031813\FN864.D\	**Instrument Name:**	R-GC-54
		Dilution Factor:	10

CAS No.	Analyte Name	Result	Q	MRL	Note
72-54-8	4,4'-DDD	22	U	22	
72-55-9	4,4'-DDE	**580**		22	
50-29-3	4,4'-DDT	**330**		22	
309-00-2	Aldrin	22	U	22	
60-57-1	Dieldrin	**500**		22	
959-98-8	Endosulfan I	22	U	22	
33213-65-9	Endosulfan II	22	U	22	
1031-07-8	Endosulfan Sulfate	22	U	22	
72-20-8	Endrin	**230**		22	
7421-93-4	Endrin Aldehyde	22	U	22	
53494-70-5	Endrin Ketone	**84**		22	
76-44-8	Heptachlor	22	U	22	
1024-57-3	Heptachlor Epoxide	22	U	22	
72-43-5	Methoxychlor	22	U	22	
8001-35-2	Toxaphene	220	U	220	
319-84-6	alpha-BHC	22	U	22	
5103-71-9	alpha-Chlordane	22	U	22	
319-85-7	beta-BHC	22	U	22	
319-86-8	delta-BHC	22	U	22	
58-89-9	gamma-BHC (Lindane)	22	U	22	
5566-34-7	gamma-Chlordane	22	U	22	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	48	10-122	3/18/13 21:50	
Tetrachloro-m-xylene	40	10-123	3/18/13 21:50	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 1145
Sample Matrix:	Soil	**Date Received:**	3/12/13
		Date Extracted:	3/12/13
		Date Analyzed:	3/19/13 21:49
Sample Name:	S-26-1	**Units:**	µg/Kg
Lab Code:	R1301568-011	**Basis:**	Dry
Run Type:	Reanalysis	**Percent Solids:**	75.5

Organochlorine Pesticides by Gas Chromatography

Analytical Method:	8081B	**Analysis Lot:**	333208
Prep Method:	EPA 3541	**Extraction Lot:**	178550
Data File Name:	I:\ACQUDATA\6890D\DATA\031913\FN887.D\	**Instrument Name:**	R-GC-54
		Dilution Factor:	10

CAS No.	Analyte Name	Result	Q	MRL	Note
72-54-8	4,4'-DDD	22	U	22	
72-55-9	4,4'-DDE	**610**		22	
50-29-3	4,4'-DDT	**350**		22	
309-00-2	Aldrin	22	U	22	
60-57-1	Dieldrin	**530**		22	
959-98-8	Endosulfan I	22	U	22	
33213-65-9	Endosulfan II	22	U	22	
1031-07-8	Endosulfan Sulfate	22	U	22	
72-20-8	Endrin	**240**		22	
7421-93-4	Endrin Aldehyde	22	U	22	
53494-70-5	Endrin Ketone	**90**		22	
76-44-8	Heptachlor	22	U	22	
1024-57-3	Heptachlor Epoxide	22	U	22	
72-43-5	Methoxychlor	22	U	22	
8001-35-2	Toxaphene	220	U	220	
319-84-6	alpha-BHC	22	U	22	
5103-71-9	alpha-Chlordane	22	U	22	
319-85-7	beta-BHC	22	U	22	
319-86-8	delta-BHC	22	U	22	
58-89-9	gamma-BHC (Lindane)	22	U	22	
5566-34-7	gamma-Chlordane	22	U	22	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	49	10-122	3/19/13 21:49	
Tetrachloro-m-xylene	41	10-123	3/19/13 21:49	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 1215
Sample Matrix:	Soil	**Date Received:**	3/12/13
Sample Name:	S-25-1		
Lab Code:	R1301568-012	**Basis:**	As Received

General Chemistry Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Solids, Total	160.3 Modified	**81.4**		Percent	1.0	1	NA	3/12/13 15:30	

Client: Seeler Engineering, PC
Project: New Paltz/044.002
Sample Matrix: Soil

Service Request: R1301568
Date Collected: 3/11/13 1215
Date Received: 3/12/13

Sample Name: S-25-1
Lab Code: R1301568-012

Basis: Dry
Percent Solids: 81.4

Inorganic Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Arsenic, Total	6010C	**14.4**		mg/Kg	1.2	1	3/13/13	3/14/13 22:51	
Lead, Total	6010C	**26.9**		mg/Kg	5.9	1	3/13/13	3/14/13 22:51	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 1215
Sample Matrix:	Soil	**Date Received:**	3/12/13
		Date Extracted:	3/12/13
		Date Analyzed:	3/18/13 16:20
Sample Name:	S-25-1	**Units:**	µg/Kg
Lab Code:	R1301568-012	**Basis:**	Dry
		Percent Solids:	81.4

Organochlorine Pesticides by Gas Chromatography

Analytical Method:	8081B	**Analysis Lot:**	333208
Prep Method:	EPA 3541	**Extraction Lot:**	178550
Data File Name:	I:\ACQUDATA\6890D\DATA\031813\FN855.D\	**Instrument Name:**	R-GC-54
		Dilution Factor:	5

CAS No.	Analyte Name	Result	Q	MRL	Note
72-54-8	4,4'-DDD	10	U	10	
72-55-9	4,4'-DDE	**250**		10	
50-29-3	4,4'-DDT	**230**		10	
309-00-2	Aldrin	10	U	10	
60-57-1	Dieldrin	**110**		10	
959-98-8	Endosulfan I	10	U	10	
33213-65-9	Endosulfan II	10	U	10	
1031-07-8	Endosulfan Sulfate	10	U	10	
72-20-8	Endrin	**200**		10	
7421-93-4	Endrin Aldehyde	10	U	10	
53494-70-5	Endrin Ketone	**52**		10	
76-44-8	Heptachlor	10	U	10	
1024-57-3	Heptachlor Epoxide	10	U	10	
72-43-5	Methoxychlor	10	U	10	
8001-35-2	Toxaphene	100	U	100	
319-84-6	alpha-BHC	10	U	10	
5103-71-9	alpha-Chlordane	10	U	10	
319-85-7	beta-BHC	10	U	10	
319-86-8	delta-BHC	10	U	10	
58-89-9	gamma-BHC (Lindane)	10	U	10	
5566-34-7	gamma-Chlordane	10	U	10	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	57	10-122	3/18/13 16:20	
Tetrachloro-m-xylene	39	10-123	3/18/13 16:20	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 1215
Sample Matrix:	Soil	**Date Received:**	3/12/13
		Date Extracted:	3/12/13
		Date Analyzed:	3/19/13 16:18
Sample Name:	S-25-1	**Units:**	µg/Kg
Lab Code:	R1301568-012	**Basis:**	Dry
Run Type:	Reanalysis	**Percent Solids:**	81.4

Organochlorine Pesticides by Gas Chromatography

Analytical Method:	8081B	**Analysis Lot:**	333208
Prep Method:	EPA 3541	**Extraction Lot:**	178550
Data File Name:	I:\ACQUDATA\6890D\DATA\031913\FN878.D\	**Instrument Name:**	R-GC-54
		Dilution Factor:	5

CAS No.	Analyte Name	Result	Q	MRL	Note
72-54-8	4,4'-DDD	10	U	10	
72-55-9	4,4'-DDE	**270**		10	
50-29-3	4,4'-DDT	**240**		10	
309-00-2	Aldrin	10	U	10	
60-57-1	Dieldrin	**120**		10	
959-98-8	Endosulfan I	10	U	10	
33213-65-9	Endosulfan II	10	U	10	
1031-07-8	Endosulfan Sulfate	10	U	10	
72-20-8	Endrin	**210**		10	
7421-93-4	Endrin Aldehyde	10	U	10	
53494-70-5	Endrin Ketone	**56**		10	
76-44-8	Heptachlor	10	U	10	
1024-57-3	Heptachlor Epoxide	10	U	10	
72-43-5	Methoxychlor	10	U	10	
8001-35-2	Toxaphene	100	U	100	
319-84-6	alpha-BHC	10	U	10	
5103-71-9	alpha-Chlordane	10	U	10	
319-85-7	beta-BHC	10	U	10	
319-86-8	delta-BHC	10	U	10	
58-89-9	gamma-BHC (Lindane)	10	U	10	
5566-34-7	gamma-Chlordane	10	U	10	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	57	10-122	3/19/13 16:18	
Tetrachloro-m-xylene	41	10-123	3/19/13 16:18	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 1225
Sample Matrix:	Soil	**Date Received:**	3/12/13
Sample Name:	S-25-2		
Lab Code:	R1301568-013	**Basis:**	As Received

General Chemistry Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Solids, Total	160.3 Modified	**85.1**		Percent	1.0	1	NA	3/12/13 15:30	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 1225
Sample Matrix:	Soil	**Date Received:**	3/12/13
Sample Name:	S-25-2		
Lab Code:	R1301568-013	**Basis:**	Dry
		Percent Solids:	85.1

Inorganic Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Arsenic, Total	6010C	**9.0**		mg/Kg	1.1	1	3/13/13	3/14/13 22:58	
Lead, Total	6010C	**18.0**		mg/Kg	5.6	1	3/13/13	3/14/13 22:58	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 1225
Sample Matrix:	Soil	**Date Received:**	3/12/13
		Date Extracted:	3/12/13
		Date Analyzed:	3/18/13 18:10
Sample Name:	S-25-2	**Units:**	µg/Kg
Lab Code:	R1301568-013	**Basis:**	Dry
		Percent Solids:	85.1

Organochlorine Pesticides by Gas Chromatography

Analytical Method:	8081B	**Analysis Lot:**	333208
Prep Method:	EPA 3541	**Extraction Lot:**	178550
Data File Name:	I:\ACQUDATA\6890D\DATA\031813\FN858.D\	**Instrument Name:**	R-GC-54
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
72-54-8	4,4'-DDD	2.0	U	2.0	
72-55-9	4,4'-DDE	**46**		2.0	
50-29-3	4,4'-DDT	**44**		2.0	
309-00-2	Aldrin	2.0	U	2.0	
60-57-1	Dieldrin	**22**		2.0	
959-98-8	Endosulfan I	2.0	U	2.0	
33213-65-9	Endosulfan II	2.0	U	2.0	
1031-07-8	Endosulfan Sulfate	2.0	U	2.0	
72-20-8	Endrin	**51**		2.0	
7421-93-4	Endrin Aldehyde	2.0	U	2.0	
53494-70-5	Endrin Ketone	**9.8**		2.0	
76-44-8	Heptachlor	2.0	U	2.0	
1024-57-3	Heptachlor Epoxide	2.0	U	2.0	
72-43-5	Methoxychlor	2.0	U	2.0	
8001-35-2	Toxaphene	20	U	20	
319-84-6	alpha-BHC	2.0	U	2.0	
5103-71-9	alpha-Chlordane	2.0	U	2.0	
319-85-7	beta-BHC	2.0	U	2.0	
319-86-8	delta-BHC	2.0	U	2.0	
58-89-9	gamma-BHC (Lindane)	2.0	U	2.0	
5566-34-7	gamma-Chlordane	2.0	U	2.0	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	50	10-122	3/18/13 18:10	
Tetrachloro-m-xylene	32	10-123	3/18/13 18:10	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 1225
Sample Matrix:	Soil	**Date Received:**	3/12/13
		Date Extracted:	3/12/13
		Date Analyzed:	3/19/13 18:08
Sample Name:	S-25-2	**Units:**	µg/Kg
Lab Code:	R1301568-013	**Basis:**	Dry
Run Type:	Reanalysis	**Percent Solids:**	85.1

Organochlorine Pesticides by Gas Chromatography

Analytical Method:	8081B	**Analysis Lot:**	333208
Prep Method:	EPA 3541	**Extraction Lot:**	178550
Data File Name:	I:\ACQUDATA\6890D\DATA\031913\FN881.D\	**Instrument Name:**	R-GC-54
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
72-54-8	4,4'-DDD	2.0	U	2.0	
72-55-9	4,4'-DDE	**48**		2.0	
50-29-3	4,4'-DDT	**46**		2.0	
309-00-2	Aldrin	2.0	U	2.0	
60-57-1	Dieldrin	**22**		2.0	
959-98-8	Endosulfan I	2.0	U	2.0	
33213-65-9	Endosulfan II	2.0	U	2.0	
1031-07-8	Endosulfan Sulfate	2.0	U	2.0	
72-20-8	Endrin	**53**		2.0	
7421-93-4	Endrin Aldehyde	2.0	U	2.0	
53494-70-5	Endrin Ketone	**10**		2.0	
76-44-8	Heptachlor	2.0	U	2.0	
1024-57-3	Heptachlor Epoxide	2.0	U	2.0	
72-43-5	Methoxychlor	2.0	U	2.0	
8001-35-2	Toxaphene	20	U	20	
319-84-6	alpha-BHC	2.0	U	2.0	
5103-71-9	alpha-Chlordane	2.0	U	2.0	
319-85-7	beta-BHC	2.0	U	2.0	
319-86-8	delta-BHC	2.0	U	2.0	
58-89-9	gamma-BHC (Lindane)	2.0	U	2.0	
5566-34-7	gamma-Chlordane	2.0	U	2.0	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	50	10-122	3/19/13 18:08	
Tetrachloro-m-xylene	34	10-123	3/19/13 18:08	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 1245
Sample Matrix:	Soil	**Date Received:**	3/12/13
Sample Name:	S-2-1		
Lab Code:	R1301568-014	**Basis:**	As Received

General Chemistry Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Solids, Total	160.3 Modified	**73.2**		Percent	1.0	1	NA	3/12/13 15:30	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 1245
Sample Matrix:	Soil	**Date Received:**	3/12/13
Sample Name:	S-2-1		
Lab Code:	R1301568-014	**Basis:**	Dry
		Percent Solids:	73.2

Inorganic Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Arsenic, Total	6010C	**6.3**		mg/Kg	1.4	1	3/13/13	3/14/13 23:04	
Lead, Total	6010C	**19.5**		mg/Kg	6.8	1	3/13/13	3/14/13 23:04	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 1245
Sample Matrix:	Soil	**Date Received:**	3/12/13
		Date Extracted:	3/12/13
		Date Analyzed:	3/18/13 18:46
Sample Name:	S-2-1	**Units:**	µg/Kg
Lab Code:	R1301568-014	**Basis:**	Dry
		Percent Solids:	73.2

Organochlorine Pesticides by Gas Chromatography

Analytical Method:	8081B	**Analysis Lot:**	333208
Prep Method:	EPA 3541	**Extraction Lot:**	178550
Data File Name:	I:\ACQUDATA\6890D\DATA\031813\FN859.D\	**Instrument Name:**	R-GC-54
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
72-54-8	4,4'-DDD	2.3	U	2.3	
72-55-9	4,4'-DDE	**56**		2.3	
50-29-3	4,4'-DDT	**12**		2.3	
309-00-2	Aldrin	2.3	U	2.3	
60-57-1	Dieldrin	**3.6**		2.3	
959-98-8	Endosulfan I	2.3	U	2.3	
33213-65-9	Endosulfan II	2.3	U	2.3	
1031-07-8	Endosulfan Sulfate	2.3	U	2.3	
72-20-8	Endrin	**14**		2.3	
7421-93-4	Endrin Aldehyde	2.3	U	2.3	
53494-70-5	Endrin Ketone	2.3	U	2.3	
76-44-8	Heptachlor	2.3	U	2.3	
1024-57-3	Heptachlor Epoxide	2.3	U	2.3	
72-43-5	Methoxychlor	2.3	U	2.3	
8001-35-2	Toxaphene	23	U	23	
319-84-6	alpha-BHC	2.3	U	2.3	
5103-71-9	alpha-Chlordane	2.3	U	2.3	
319-85-7	beta-BHC	2.3	U	2.3	
319-86-8	delta-BHC	2.3	U	2.3	
58-89-9	gamma-BHC (Lindane)	2.3	U	2.3	
5566-34-7	gamma-Chlordane	2.3	U	2.3	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	52	10-122	3/18/13 18:46	
Tetrachloro-m-xylene	33	10-123	3/18/13 18:46	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 1245
Sample Matrix:	Soil	**Date Received:**	3/12/13
		Date Extracted:	3/12/13
		Date Analyzed:	3/19/13 18:45
Sample Name:	S-2-1	**Units:**	µg/Kg
Lab Code:	R1301568-014	**Basis:**	Dry
Run Type:	Reanalysis	**Percent Solids:**	73.2

Organochlorine Pesticides by Gas Chromatography

Analytical Method:	8081B	**Analysis Lot:**	333208
Prep Method:	EPA 3541	**Extraction Lot:**	178550
Data File Name:	I:\ACQUDATA\6890D\DATA\031913\FN882.D\	**Instrument Name:**	R-GC-54
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
72-54-8	4,4'-DDD	2.3	U	2.3	
72-55-9	4,4'-DDE	**58**		2.3	
50-29-3	4,4'-DDT	**12**		2.3	
309-00-2	Aldrin	2.3	U	2.3	
60-57-1	Dieldrin	**3.8**		2.3	
959-98-8	Endosulfan I	2.3	U	2.3	
33213-65-9	Endosulfan II	2.3	U	2.3	
1031-07-8	Endosulfan Sulfate	2.3	U	2.3	
72-20-8	Endrin	**14**		2.3	
7421-93-4	Endrin Aldehyde	2.3	U	2.3	
53494-70-5	Endrin Ketone	2.3	U	2.3	
76-44-8	Heptachlor	2.3	U	2.3	
1024-57-3	Heptachlor Epoxide	2.3	U	2.3	
72-43-5	Methoxychlor	2.3	U	2.3	
8001-35-2	Toxaphene	23	U	23	
319-84-6	alpha-BHC	2.3	U	2.3	
5103-71-9	alpha-Chlordane	2.3	U	2.3	
319-85-7	beta-BHC	2.3	U	2.3	
319-86-8	delta-BHC	2.3	U	2.3	
58-89-9	gamma-BHC (Lindane)	2.3	U	2.3	
5566-34-7	gamma-Chlordane	2.3	U	2.3	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	52	10-122	3/19/13 18:45	
Tetrachloro-m-xylene	35	10-123	3/19/13 18:45	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 1255
Sample Matrix:	Soil	**Date Received:**	3/12/13
Sample Name:	S-2-2		
Lab Code:	R1301568-015	**Basis:**	As Received

General Chemistry Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Solids, Total	160.3 Modified	**80.7**		Percent	1.0	1	NA	3/12/13 15:30	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 1255
Sample Matrix:	Soil	**Date Received:**	3/12/13
Sample Name:	S-2-2		
Lab Code:	R1301568-015	**Basis:**	Dry
		Percent Solids:	80.7

Inorganic Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Arsenic, Total	6010C	**6.1**		mg/Kg	1.2	1	3/13/13	3/14/13 23:23	
Lead, Total	6010C	**14.8**		mg/Kg	5.9	1	3/13/13	3/14/13 23:23	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	3/11/13 1255
Sample Matrix:	Soil	**Date Received:**	3/12/13
		Date Extracted:	3/12/13
		Date Analyzed:	3/15/13 13:44
Sample Name:	S-2-2	**Units:**	µg/Kg
Lab Code:	R1301568-015	**Basis:**	Dry
		Percent Solids:	80.7

Organochlorine Pesticides by Gas Chromatography

Analytical Method:	8081B	**Analysis Lot:**	332841
Prep Method:	EPA 3541	**Extraction Lot:**	178550
Data File Name:	I:\ACQUDATA\7890m\DATA\031513\AC007.D\	**Instrument Name:**	R-GC-62
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
72-54-8	4,4'-DDD	2.1	U	2.1	
72-55-9	4,4'-DDE	**12**		2.1	
50-29-3	4,4'-DDT	2.1	U	2.1	
309-00-2	Aldrin	2.1	U	2.1	
60-57-1	Dieldrin	2.1	U	2.1	
959-98-8	Endosulfan I	2.1	U	2.1	
33213-65-9	Endosulfan II	2.1	U	2.1	
1031-07-8	Endosulfan Sulfate	2.1	U	2.1	
72-20-8	Endrin	2.1	U	2.1	
7421-93-4	Endrin Aldehyde	2.1	U	2.1	
53494-70-5	Endrin Ketone	2.1	U	2.1	
76-44-8	Heptachlor	2.1	U	2.1	
1024-57-3	Heptachlor Epoxide	2.1	U	2.1	
72-43-5	Methoxychlor	2.1	U	2.1	
8001-35-2	Toxaphene	21	U	21	
319-84-6	alpha-BHC	2.1	U	2.1	
5103-71-9	alpha-Chlordane	2.1	U	2.1	
319-85-7	beta-BHC	2.1	U	2.1	
319-86-8	delta-BHC	2.1	U	2.1	
58-89-9	gamma-BHC (Lindane)	2.1	U	2.1	
5566-34-7	gamma-Chlordane	2.1	U	2.1	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	53	10-122	3/15/13 13:44	
Tetrachloro-m-xylene	29	10-123	3/15/13 13:44	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank		
Lab Code:	R1301568-MB	**Basis:**	As Received

General Chemistry Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Solids, Total	160.3 Modified	1.0	U	Percent	1.0	1	NA	3/12/13 15:30	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank		
Lab Code:	R1301568-MB	**Basis:**	Dry

Inorganic Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Arsenic, Total	6010C	1.0	U	mg/Kg	1.0	1	3/13/13	3/14/13 20:48	
Lead, Total	6010C	5.0	U	mg/Kg	5.0	1	3/13/13	3/14/13 20:48	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
		Date Extracted:	3/12/13
		Date Analyzed:	3/15/13 11:04
Sample Name:	Method Blank	**Units:**	µg/Kg
Lab Code:	RQ1302278-01	**Basis:**	Dry

Organochlorine Pesticides by Gas Chromatography

Analytical Method:	8081B	**Analysis Lot:**	332841
Prep Method:	EPA 3541	**Extraction Lot:**	178550
Data File Name:	I:\ACQUDATA\7890m\DATA\031513\AC002.D\	**Instrument Name:**	R-GC-62
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
72-54-8	4,4'-DDD	1.7	U	1.7	
72-55-9	4,4'-DDE	1.7	U	1.7	
50-29-3	4,4'-DDT	1.7	U	1.7	
309-00-2	Aldrin	1.7	U	1.7	
60-57-1	Dieldrin	1.7	U	1.7	
959-98-8	Endosulfan I	1.7	U	1.7	
33213-65-9	Endosulfan II	1.7	U	1.7	
1031-07-8	Endosulfan Sulfate	1.7	U	1.7	
72-20-8	Endrin	1.7	U	1.7	
7421-93-4	Endrin Aldehyde	1.7	U	1.7	
53494-70-5	Endrin Ketone	1.7	U	1.7	
76-44-8	Heptachlor	1.7	U	1.7	
1024-57-3	Heptachlor Epoxide	1.7	U	1.7	
72-43-5	Methoxychlor	1.7	U	1.7	
8001-35-2	Toxaphene	17	U	17	
319-84-6	alpha-BHC	1.7	U	1.7	
5103-71-9	alpha-Chlordane	1.7	U	1.7	
319-85-7	beta-BHC	1.7	U	1.7	
319-86-8	delta-BHC	1.7	U	1.7	
58-89-9	gamma-BHC (Lindane)	1.7	U	1.7	
5566-34-7	gamma-Chlordane	1.7	U	1.7	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	47	10-122	3/15/13 11:04	
Tetrachloro-m-xylene	46	10-123	3/15/13 11:04	

Client:	Seeler Engineering, PC	**Service Request:**	R1301568
Project:	New Paltz/044.002	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
		Date Extracted:	3/12/13
		Date Analyzed:	3/18/13 11:26
Sample Name:	Method Blank	**Units:**	µg/Kg
Lab Code:	RQ1302278-01	**Basis:**	Dry

Organochlorine Pesticides by Gas Chromatography

Analytical Method:	8081B	**Analysis Lot:**	333208
Prep Method:	EPA 3541	**Extraction Lot:**	178550
Data File Name:	I:\ACQUDATA\6890D\DATA\031813\FN847.D\	**Instrument Name:**	R-GC-54
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	Note
72-54-8	4,4'-DDD	1.7	U	1.7	
72-55-9	4,4'-DDE	1.7	U	1.7	
50-29-3	4,4'-DDT	1.7	U	1.7	
309-00-2	Aldrin	1.7	U	1.7	
60-57-1	Dieldrin	1.7	U	1.7	
959-98-8	Endosulfan I	1.7	U	1.7	
33213-65-9	Endosulfan II	1.7	U	1.7	
1031-07-8	Endosulfan Sulfate	1.7	U	1.7	
72-20-8	Endrin	1.7	U	1.7	
7421-93-4	Endrin Aldehyde	1.7	U	1.7	
53494-70-5	Endrin Ketone	1.7	U	1.7	
76-44-8	Heptachlor	1.7	U	1.7	
1024-57-3	Heptachlor Epoxide	1.7	U	1.7	
72-43-5	Methoxychlor	1.7	U	1.7	
8001-35-2	Toxaphene	17	U	17	
319-84-6	alpha-BHC	1.7	U	1.7	
5103-71-9	alpha-Chlordane	1.7	U	1.7	
319-85-7	beta-BHC	1.7	U	1.7	
319-86-8	delta-BHC	1.7	U	1.7	
58-89-9	gamma-BHC (Lindane)	1.7	U	1.7	
5566-34-7	gamma-Chlordane	1.7	U	1.7	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	48	10-122	3/18/13 11:26	
Tetrachloro-m-xylene	41	10-123	3/18/13 11:26	

Client: Seeler Engineering, PC
Project: New Paltz/044.002
Sample Matrix: Soil

Service Request: R1301568
Date Analyzed: 3/14/13

Lab Control Sample Summary
Inorganic Parameters

Units: mg/Kg
Basis: Dry

Analyte Name	Method	Lab Control Sample R1301568-LCS Result	Spike Amount	% Rec	% Rec Limits
Arsenic, Total	6010C	87.2	94.5	92	82.3 - 117
Lead, Total	6010C	88.3	91.8	96	82.2 - 117

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

COLUMBIA ANALYTICAL SERVICES, INC.
Now part of the ALS Group
QA/QC Report

Client: Seeler Engineering, PC
Project: New Paltz/044.002
Sample Matrix: Soil

Service Request: R1301568
Date Analyzed: 3/15/13

Lab Control Sample Summary
Organochlorine Pesticides by Gas Chromatography

Analytical Method: 8081B
Prep Method: EPA 3541

Units: µg/Kg
Basis: Dry

Extraction Lot: 178550

Analyte Name	Lab Control Sample RQ1302278-02 Result	Spike Amount	% Rec	Duplicate Lab Control Sample RQ1302278-03 Result	Spike Amount	% Rec	% Rec Limits	RPD	RPD Limit
4,4'-DDD	4.30	6.67	64	5.25	6.67	79	46 - 123	20	30
4,4'-DDE	4.74	6.67	71	5.80	6.67	87	45 - 121	20	30
4,4'-DDT	4.45	6.67	67	5.60	6.67	84	38 - 119	23	30
Aldrin	3.49	6.67	52	4.13	6.67	62	24 - 104	17	30
Dieldrin	4.84	6.67	73	5.57	6.67	83	40 - 115	14	30
Endosulfan I	4.47	6.67	67	4.97	6.67	74	41 - 109	10	30
Endosulfan II	4.71	6.67	71	5.44	6.67	82	45 - 119	15	30
Endosulfan Sulfate	4.60	6.67	69	5.54	6.67	83	46 - 115	19	30
Endrin	5.49	6.67	82	6.32	6.67	95	42 - 134	14	30
Endrin Aldehyde	3.38	6.67	51	5.32	6.67	80	10 - 82	45 *	30
Endrin Ketone	5.14	6.67	77	6.14	6.67	92	44 - 121	18	30
Heptachlor	3.78	6.67	57	4.28	6.67	64	35 - 107	12	30
Heptachlor Epoxide	4.49	6.67	67	5.10	6.67	77	44 - 109	13	30
Methoxychlor	5.00	6.67	75	6.31	6.67	95	45 - 123	23	30
alpha-BHC	3.03	6.67	45	3.28	6.67	49	29 - 105	8	30
alpha-Chlordane	4.65	6.67	70	5.39	6.67	81	37 - 110	15	30
beta-BHC	4.19	6.67	63	5.08	6.67	76	40 - 105	19	30
delta-BHC	3.52	6.67	53	4.23	6.67	63	37 - 119	18	30
gamma-BHC (Lindane)	3.40	6.67	51	3.73	6.67	56	34 - 103	9	30
gamma-Chlordane	4.64	6.67	70	5.38	6.67	81	42 - 115	15	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM 6682

ALS Environmental

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 | +1 585 288 5380 +1 585 288 8475 (fax) PAGE 1 OF 2

Project Name: NEW PALTZ	Project Number: 044.002
Project Manager: JIM SEELER	Report CC: MATT CZOKA
Company/Address: SEELER ENGINEERING, P.C. 1451 PITTSFORD VICTOR RD SUITE 125 PITTSFORD, NY 14534	
Phone #: 585-248-9520	Email:
Sampler's Signature:	Sampler's Printed Name: MATT CZOKA

ANALYSIS REQUESTED *(Include Method Number and Container Preservative)*

PRESERVATIVE: 8 | 8

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOAs ◦ 8260 ◦ 624 ◦ CLP	GC/MS SVOAs ◦ 8270 ◦ 625	GC VOAs ◦ 8021 ◦ 601/602	PESTICIDES ◦ 8081 ◦ 608	PCBs ◦ 8082 ◦ 608	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	REMARKS/ ALTERNATE DESCRIPTION
S-17-1		3/11/13	8:00AM	S	2				X		X		STANDARD TAT
S-21-1		3/11/13	8:30AM	S	2				X		X		5 DAY TAT
~~S-21-2~~ S-21-2		3/11/13	8:45AM	S	2				X		X		HOLD
S-7-1		3/11/13	9:15AM	S	2				X		X		STANDARD TAT
S-9-1		3/11/13	9:45AM	S	2				X		X		STANDARD TAT
S-29-1		3/11/13	10:10AM	S	2				X		X		STANDARD TAT
S-20-1		3/11/13	10:35AM	S	2				X		X		5 DAY TAT
S-20-2		3/11/13	10:45AM	S	2				X		X		HOLD
S-23-1		3/11/13	11:10AM	S	2				X		X		5 DAY TAT
S-23-2		3/11/13	11:20 AM	S	2				X		X		HOLD
S-26-1		3/11/13	11:45AM	S	2				X		X		STANDARD TAT

Preservative Key: 0. NONE; 1. HCL; 2. HNO_3; 3. H_2SO_4; 4. NaOH; 5. Zn. Acetate; 6. MeOH; 7. $NaHSO_4$; 8. Other ICE

SPECIAL INSTRUCTIONS/COMMENTS

Metals

ARSENIC + LEAD ONLY

report all samples as per Matt Czora dms 3/27/13

See QAPP ☐

STATE WHERE SAMPLES WERE COLLECTED

TURNAROUND REQUIREMENTS

____ RUSH (SURCHARGES APPLY)

1 day ____ 2 day ____ 3 day

4 day ____ 5 day

REQUESTED REPORT DATE

REPORT REQUIREMENTS

X I. Results Only

____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)

____ III. Results + QC and Calibration Summaries

____ IV. Data Validation Report with Raw Data

Edata ____ Yes

INVOICE INFORMATION

PO #

BILL TO: SEELER ENG.

R1301568 5

Seeler Engineering, PC
New Paltz

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED	
Signature	Signature	Signature	Signature	Signature	
Printed Name: MATT CZOKA	Printed Name: Gregory O. Emerson	Printed Name	Printed Name	Printed Name	Printed Name
Firm: SEELER ENG.	Firm: ALS	Firm	Firm	Firm	Firm
Date/Time: 3/12/13 8:00AM	Date/Time: 3-12-13 8:00	Date/Time	Date/Time	Date/Time	Date/Time

69569

Distribution: White - Lab Copy; Yellow - Return to Originator

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM 6681

ALS Environmental

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 | +1 585 288 5380 +1 585 288 8475 (fax) PAGE 2 OF 2

Project Name: NEW PALTZ	Project Number: 044.002
Project Manager: TIM SEELER	Report CC: MATT CZORA
Company/Address: SEELER ENGINEERING, P.C. 1137 PITTSFORD VICTOR RD, SUITE 125 PITTSFORD, NY 14534	
Phone #: 585-248-9520	Email:
Sampler's Signature:	Sampler's Printed Name: MATT CZORA

ANALYSIS REQUESTED *(Include Method Number and Container Preservative)*

PRESERVATIVE: 6 6

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOAs ◦ 8260 ◦ 624 ◦ CLP	GC/MS SVOAs ◦ 8270 ◦ 625	GC VOAs ◦ 8021 ◦ 601/602	PESTICIDES ◦ 8081 ◦ 608	PCBs ◦ 8082 ◦ 608	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	REMARKS/ ALTERNATE DESCRIPTION
S-25-1		3/11/13	12:15PM	S	2			X		X			5 DAY TAT
S-25-2		3/11/13	12:25PM	S	2			X		X			HOLD
S-2-1		3/11/13	12:45PM	S	2			X		X			5 DAY TAT
S-2-2		3/11/13	12:55PM	S	2			X		X			HOLD

Preservative Key: 0. NONE 1. HCL 2. HNO_3 3. H_2SO_4 4. NaOH 5. Zn. Acetate 6. MeOH 7. $NaHSO_4$ 8. Other ICE

SPECIAL INSTRUCTIONS/COMMENTS

Metals

ARSENIC + LEAD ONLY

See QAPP ☐

STATE WHERE SAMPLES WERE COLLECTED

TURNAROUND REQUIREMENTS

____ RUSH (SURCHARGES APPLY)

____ 1 day ____ 2 day ____ 3 day

____ 4 day ____ 5 day

REQUESTED REPORT DATE: 3/15/13

REPORT REQUIREMENTS

X I. Results Only

____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)

____ III. Results + QC and Calibration Summaries

____ IV. Data Validation Report with Raw Data

Edata ____Yes ____No

INVOICE INFORMATION

PO #:

BILL TO: SEELER ENG

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature:	Signature:	Signature	Signature	Signature	Signature
Printed Name: MATT CZORA	Printed Name: Gregory O. Esmerian	Printed Name	Printed Name	Printed Name	Printed Name
Firm: SEELER ENG	Firm: ALS	Firm	Firm	Firm	Firm
Date/Time: 3/12/13 8:00AM	Date/Time: 3-12-13 8:00	Date/Time	Date/Time	Date/Time	Date/Time

Distribution: White - Lab Copy; Yellow - Return to Originator

Cooler Receipt and Preservation Check Form

Project/Client Seeler Engineering Folder Number B13-1568

Cooler received on 3-12-13 by: MS **COURIER:** ALS UPS FEDEX VELOCITY (CLIENT)

1. Were custody seals on outside of cooler? (YES) NO
2. Were custody papers properly filled out (ink, signed, etc.)? (YES) NO
3. Did all bottles arrive in good condition (unbroken)? (YES) NO
4. Did VOA vials, Alkalinity, or Sulfide have significant* air bubbles? YES NO (N/A)
5. Were **Ice** or **Ice packs** present? (YES) NO
6. Where did the bottles originate? (ALS/ROC), CLIENT
7. Soil VOA samples received as: (Bulk Jar) Encore TerraCore Lab5035set N/A
8. Temperature of cooler(s) upon receipt: 3.3°

Is the temperature within 0° - 6° C?:	(Y)	N	Y	N	Y	N	Y	N	Y N
If No, Explain Below Date/Time Temperatures Taken: 3-12-13 @ 08:08									
Thermometer ID: IR GUN#3 / (IR GUN#4) Reading From: (Temp Blank) / Sample Bottle									

If out of Temperature, note packing/ice condition &Client Approval to Run Samples:

All Samples held in storage location R-002 by MS on 3-12-13 at 8:10
5035 samples placed in storage location _____ by _____ on _____ at _____

PC Secondary Review: JMS 3/12/13

Cooler Breakdown: Date: 3/12/13 Time: 10:33 by: (MS)

1. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? (YES) NO
2. Did all bottle labels and tags agree with custody papers? (YES) NO
3. Were correct containers used for the tests indicated? (YES) NO
4. Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated (N/A)

Explain any discrepancies:

pH	Reagent	YES	NO	Lot Received	Exp	Sample ID	Vol. Added	Lot Added	Final pH
≥12	NaOH								
≤2	HNO_3								
≤2	H_2SO_4								
<4	$NaHSO_4$								
Residual Chlorine (-)	For TCN Phenol and 522			If present, contact PM to add ascorbic acid Or sodium sulfite (522)					
	$Na_2S_2O_3$	-	-						
	Zn Aceta	-	-						
	HCl	*	*						

*Not to be tested before analysis – pH tested and recorded by VOAs or GenChem on a separate worksheet

Yes = All samples OK

No = Samples were preserved at lab as listed

PM OK to Adjust: _____

Bottle lot numbers: 102912-1RK
Other Comments:

PC Secondary Review: JMS 3/21/13 *significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

Site Plan Drawing 2260-12

CONSTRUCTION EROSION CONTROL NOTES:

1. THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) CONSISTS OF STORMWATER MANAGEMENT REPORT, THE PROJECT PLANS, INCLUDING THE GRADING, CONSTRUCTION EROSION CONTROL PLAN AND DETAIL SHEET, AND THE TOWN OF NEW PALTZ DESIGN AND CONSTRUCTION SPECIFICATIONS REGARDING STORMWATER CONTROL. THE SWPPP FOR THIS PROJECT IS INTENDED TO CONFORM WITH NYSDEC GENERAL PERMIT GP-0-10-001 AND THE REQUIREMENTS OF LOCAL AND NYSDEC AUTHORITIES REGARDING THE CONTROL OF STORMWATER QUANTITY AND QUALITY.
2. THE OWNER IS RESPONSIBLE FOR IMPLEMENTING THE REQUIRED SWPPP. THE OWNER'S CONTRACTOR, SUB-CONTRACTOR AND ALL OTHERS ASSOCIATED WITH THE IMPLEMENTATION OF THE PLAN SHALL BE FAMILIAR WITH THE PLAN AND THE CONDITIONS OF THE NYSDEC GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES.
3. ANY MODIFICATIONS OR DEVIATIONS FROM THE SWPPP, INCLUDING EROSION CONTROL MEASURES AND STORMWATER MANAGEMENT AREAS, SHALL BE DOCUMENTED IN THE INSPECTION REPORT AND CONSIDERED PART OF THE SWPPP FOR THE PROJECT.
4. THE OWNER IS RESPONSIBLE FOR FILING THE NOTICE OF INTENT (NOI) FOR CONSTRUCTION ACTIVITY WITH NYSDEC PRIOR TO COMMENCING ANY CONSTRUCTION. A COPY OF THE NOI SHALL BE KEPT ON-SITE AND PROVIDED TO THE MUNICIPALITY.
5. THE OWNER SHALL BE RESPONSIBLE FOR PROVIDING ON SITE INSPECTIONS BY A LICENSED PROFESSIONAL REGARDING EROSION CONTROL DURING CONSTRUCTION. INSPECTIONS ARE TO BE PROVIDED AT A MINIMUM OF TWICE A WEEK FOR DISTURBANCES OF 5 ACRES AND GREATER AND ONCE A WEEK FOR DISTURBANCES LESS THAN 5 ACRES. AN INSPECTION REPORT LOG AND THE SWPPP ARE TO BE KEPT ON-SITE BY THE OWNER.
6. FOR SITES WHERE SOIL DISTURBANCE ACTIVITIES HAVE BEEN TEMPORARILY SUSPENDED (E.G. WINTER SHUTDOWN) AND TEMPORARY STABILIZATION MEASURES HAVE BEEN APPLIED TO ALL DISTURBED AREAS, THE OWNER/OPERATOR MAY REDUCE THE SELF-INSPECTION FREQUENCY, BUT SHALL MAINTAIN A MINIMUM OF MONTHLY INSPECTIONS. (30 CALENDAR DAYS)
7. THE OWNER'S CONTRACTOR/REPRESENTATIVE SHALL IDENTIFY AT LEAST ONE INDIVIDUAL TO BE TRAINED FROM THEIR COMPANY THAT WILL BE RESPONSIBLE FOR IMPLEMENTATION OF THE SWPPP. THE INDIVIDUAL MUST RECEIVE (4) HOURS OF NYSDEC TRAINING EVERY (3) YEARS. THE OWNER/OPERATOR SHALL ENSURE THAT AT LEAST ONE OF THE TRAINED INDIVIDUALS IS ON SITE ON A DAILY BASIS WHEN SOIL DISTURBANCE ACTIVITIES ARE BEING PERFORMED.
8. FOR DISTURBANCES OF 5 ACRES AND GREATER, DISTURBED AREAS NOT TO BE WORKED IN FOR 7 DAYS MUST BE TEMPORARILY SEEDED WITHIN 7 DAYS FROM THE DATE THE SOIL DISTURBANCE ACTIVITY CEASED. IF THE SEASON PREVENTS THE ESTABLISHMENT OF TEMPORARY GROUNDCOVER, THE DISTURBED AREAS SHALL BE MULCHED WITH STRAW OR EQUIVALENT MATERIAL. ADDITIONAL TIME FRAMES FOR STABILIZATION ARE SUBJECT TO THE REQUIREMENTS OF A REGULATED TRADITIONAL LAND USE MS4.
9. FOR DISTURBANCES LESS THAN 5 ACRES, DISTURBED AREAS EXPOSED FOR 14 DAYS OR MORE MUST BE TEMPORARILY SEEDED. IF THE SEASON PREVENTS THE ESTABLISHMENT OF TEMPORARY GROUNDCOVER, THE DISTURBED AREAS SHALL BE MULCHED WITH STRAW OR EQUIVALENT MATERIAL. ADDITIONAL TIME FRAMES FOR STABILIZATION ARE SUBJECT TO THE REQUIREMENTS OF A REGULATED TRADITIONAL LAND USE MS4.
10. THE OWNER'S CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT, MAINTENANCE, CLEANING, REPAIR AND REPLACEMENT OF EROSON CONTROL MEASURES DURING SITE CONSTRUCTION.
11. ALL DISTURBED AREAS TO BE RECLAIMED WITH A MINIMUM OF 6" TOPSOIL.
12. TEMPORARY SEEDING OF DISTURBED AREAS SHALL BE PROVIDED AS FOLLOWS:

    THE SURFACE TWO INCHES OF SOIL SHOULD BE LOOSENED BY DISKING, RAKING, OR BACK-BLADING WITH A BULLDOZER. IMMEDIATELY FERTILIZE WITH 300 LBS PER ACRE (OR 7 LBS. PER 1000 SQ. FT.) OF 10-10-10 FERTILIZER. IMMEDIATELY SEED WITH THE FOLLOWING MIX:

	LBS./ACRE	LBS./1000 SQ. FT.
ANNUAL RYEGRASS	40	1
PERENNIAL RYEGRASS	40	1
OATS	40	1
WHITE CLOVER (+ INNOCULANT)	4	0.1

    SEED SHOULD HAVE A GERMINATION RATE OF AT LEAST 85 PERCENT AND MINIMAL INERT MATERIAL.

13. DISTURBED AREAS SHALL BE STABILIZED USING PERMANENT LAWN SEEDING MIX UPON COMPLETION OF GRADING AND CONSTRUCTION:

	LBS/ACRE	% BY PURITY	% GERM
PERENNIAL RYE GRASS	35	85	85
RED FESCUE	35	97	80
KENTUCKY BLUEGRASS	30	85	80

    SEEDING RATE: 6.0 LBS PER 1,000 SQ FT.

    MULCH: STRAW OR WOOD FIBER MULCH USED WITH HYDROSEEDING METHOD, AT TWO TONS PER ACRE WITH TACKIFIER

    STARTING FERTILIZER: 5-10-10 AT 20 LBS PER SQ. FT

14. SLOPES 3:1 OR GREATER SHALL BE SEEDED WITH HEAVY MULCH AND MAY REQUIRE ADDITIONAL STABILIZATION MEASURES. SLOPES SHALL BE FINE GRADED WITH A MINIMUM OF 6" TOPSOIL AND SEEDED WITH FOLLOWING SEED MIX:

    NATIVE STEEP SLOPE MIX WITH ANNUAL RYE GRASS – ERNMX-181

20%	LOLIUM MULTI FLORUM	ANNUAL RYEGRASS
20%	SCHIZACHYRIUM	'CAMPER' LITTLE BLUEDSTEM
16%	ELYMUS CANADENSIS	CANANDA WILD RYE
10%	PANICUM VIRGATUM 'SHELTER'	'SHELTER' SWITCHGRASS
8%	AGROSTIS PERENNANS	AUTUMN BENTGRASS
8%	TRIDENS FLAVUS	PUPLETOP
5%	COREOPSIS LANCEOLATA	LANCE LEAVE COREOPSIS
4%	AGROSTIS SCABRA	TICKLEGRASS
4%	ELYMUS VIRGINICUS	VIRGINIA WILD RYE
3%	PENSTEMON DIGITALIS	TALL WHITE BEARD TONGUE
2%	MONORADA FISTULOSA	WILD BERGAMONT

    SEEDING RATE: 30 LBS PER ACRE OR 1 LB PER 1000 SF

    INOCULANT: RATE AS RECOMMENDED BY THE MANUFACTURER (FOR HYDROSEEDING USE FOUR TIMES MANUFACTURER'S RECOMMENDED RATE)

    MULCH: STRAW OR WOOD FIBER MULCH USED WITH A HYDROSEEDING METHOD, AT TWO TONS PER ACRE WITH TACKIFIER.

15. FLOOD TOLERANT EROSION CONTROL SEED MIX TO BE PROVIDED AS FOLLOWS:

	% OF WEIGHT
PERENNIAL RYE GRASS	20
ANNUAL RYEGRASS	20
RED TOP	20
BIRDSFOOT TREFOIL	20

    MULCH: STRAW OR WOOD FIBER MULCH USED WITH A HYDROSEEDING METHOD AT TWO TONS PER ACRE WITH TACKIFIER.

16. THE STORMWATER POND AREA SHALL BE SEEDED TO AN ELEVATION 2 FT. ABOVE THE NORMAL PONDING LEVEL WITH 'OBL WETLAND SEED MIX' (ERNMX-131) BY ERNST CONSERVATION SEEDS, OR APPROVED EQUAL.
17. ALL SEEDED AREAS ARE TO BE MONITORED FOR GERMINATION AND EROSION. ERODED AREAS ARE TO BE BACKFILLED, FINE GRADED AND RE-SEEDED. AREAS THAT FAIL TO GERMINATE A MINIMUM OF 75% SHALL BE RE-SEEDED.
18. ANY EXCAVATIONS THAT MUST BE DEWATERED SHALL BE PUMPED INTO AN APPROVED FILTERING DEVICE BEFORE ENTERING AN ACTIVE DRAINAGE SYSTEM OR DISPERSED TO AN UNDISTURBED AREA.
19. THE OWNER SHALL BE RESPONSIBLE FOR REMOVING EXISTING EROSION CONTROL MEASURES THAT ARE LOCATED WITHIN ESTABLISHED AREAS. MATERIALS ARE TO BE DISPOSED OF PROPERLY.
20. UPON COMPLETION OF CONSTRUCTION AND FINAL STABILIZATION THE OWNER MAY FILE A NOTICE OF TERMINATION (NOT) WITH NYSDEC PER THE REQUIREMENTS OF THE GENERAL PERMIT GP-0-10-001.

SEQUENCE OF CONSTRUCTION STEPS:

STEP 1: (SOIL REMEDIATION AND SITE EROSION CONTROL)

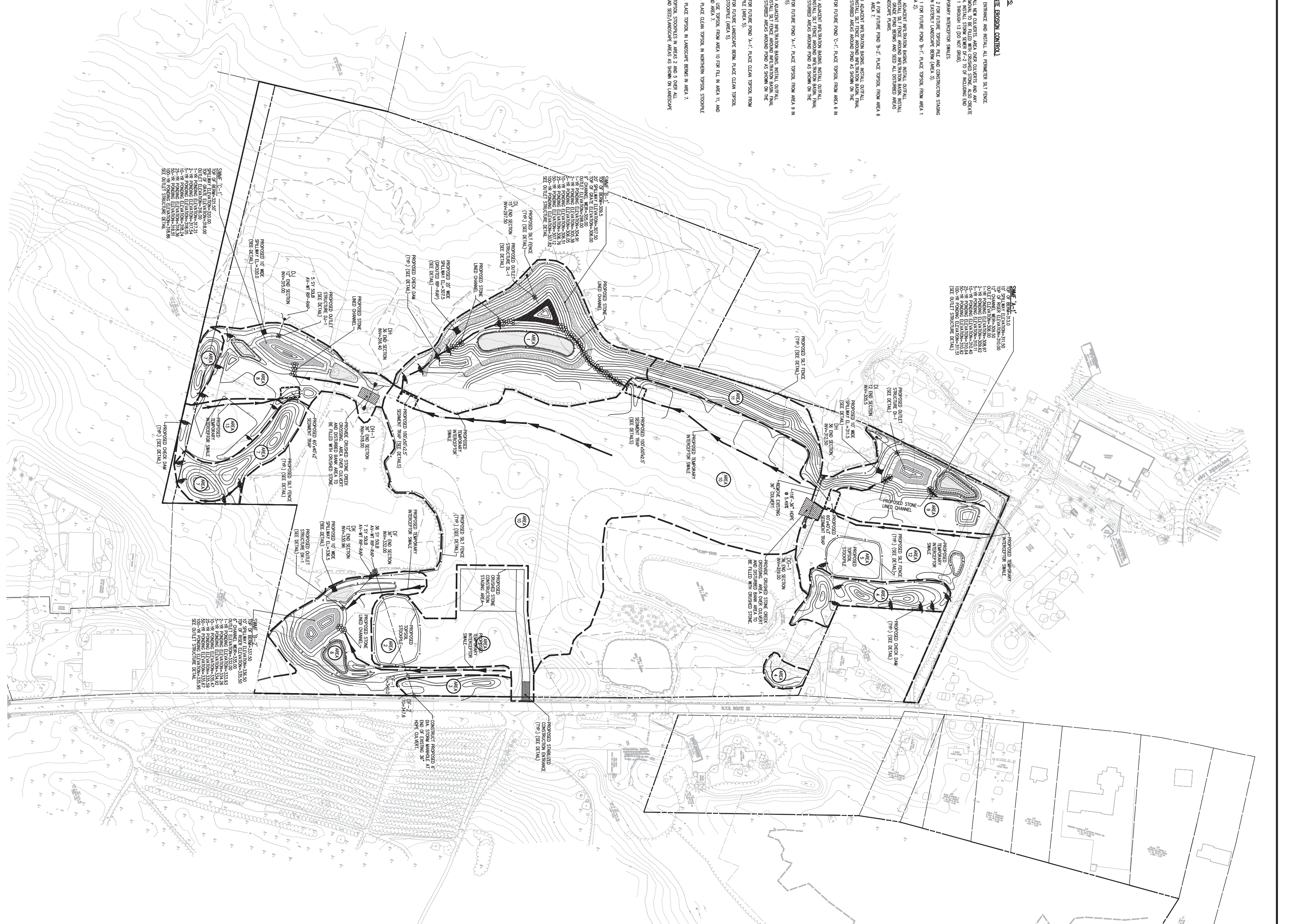
1. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE AND INSTALL ALL PERIMETER SILT FENCE.
2. REMOVE EXISTING CULVERTS AND INSTALL NEW CULVERTS. AREA OVER CULVERTS AND ANY ADDITIONAL DISTURBED BANK FROM REMOVAL TO BE FILLED WITH CRUSHED STONE. ALSO CREATE CRUSHED STONE CROSSINGS AS SHOWN. INSTALL STORM SEWER DF-2 TO DF INCLUDING END SECTION AND RIP-RAP. CLEAR AREAS 1 THROUGH 13 (DO NOT GRUB).
3. INSTALL DESILTATION BASINS AND TEMPORARY INTERCEPTOR SWALES.
4. GRUB AND STRIP TOPSOIL FROM AREA 2 FOR FUTURE TOPSOIL PILE AND CONSTRUCTION STAGING AREA. PLACE TOPSOIL FROM AREA 2 IN EASTERLY LANDSCAPE BERM (AREA 3).
5. GRUB AND STRIP TOPSOIL FROM AREA 1 FOR FUTURE POND 'B-1'. PLACE TOPSOIL FROM AREA 1 IN EASTERLY TOPSOIL STOCKPILE (AREA 2).
6. EXCAVATE POND 'B-1' IN AREA 1 AND ADJACENT INFILTRATION BASINS. INSTALL OUTFALL STRUCTURE WITH TEMPORARY FILTER, INSTALL SILT FENCE AROUND INFILTRATION BASIN. INSTALL CRUSHED STONE SERVICE DRIVE. FINAL GRADE POND BERMS AND SEED ALL DISTURBED AREAS AROUND POND AS SHOWN ON THE LANDSCAPE PLANS.
7. GRUB AND STRIP TOPSOIL FROM AREA 6 FOR FUTURE POND 'B-2'. PLACE TOPSOIL FROM AREA 6 IN LANDSCAPE BERMS IN AREA 3 AND AREA 7.
6. EXCAVATE POND 'B-2' IN AREA 6 AND ADJACENT INFILTRATION BASINS. INSTALL OUTFALL STRUCTURE WITH TEMPORARY FILTER, INSTALL SILT FENCE AROUND INFILTRATION BASIN. FINAL GRADE POND BERMS AND SEED ALL DISTURBED AREAS AROUND POND AS SHOWN ON THE LANDSCAPE PLANS.
7. GRUB AND STRIP TOPSOIL IN AREA 8 FOR FUTURE POND 'C-1'. PLACE TOPSOIL FROM AREA 6 IN LANDSCAPE BERMS IN AREA 7.
8. EXCAVATE POND 'C-1' IN AREA 8 AND ADJACENT INFILTRATION BASINS. INSTALL OUTFALL STRUCTURE WITH TEMPORARY FILTER, INSTALL SILT FENCE AROUND INFILTRATION BASIN. FINAL GRADE POND BERMS AND SEED ALL DISTURBED AREAS AROUND POND AS SHOWN ON THE LANDSCAPE PLANS.
9. GRUB AND STRIP TOPSOIL IN AREA 9 FOR FUTURE POND 'A-1'. PLACE TOPSOIL FROM AREA 9 IN NORTHERN TOPSOIL STOCKPILE (AREA 5).
10. EXCAVATE POND 'A-1' IN AREA 9 AND ADJACENT INFILTRATION BASINS. INSTALL OUTFALL STRUCTURE WITH TEMPORARY FILER. INSTALL SILT FENCE AROUND INFILTRATION BASIN. FINAL GRADE POND BERMS AND SEED ALL DISTURBED AREAS AROUND POND AS SHOWN ON THE LANDSCAPE PLANS.
11. GRUB AND STRIP TOPSOIL IN AREA 9 FOR FUTURE POND 'A-1'. PLACE CLEAN TOPSOIL FROM AREA 9 IN NORTHERN TOPSOIL STOCKPILE (AREA 5).
12. GRUB AND STRIP TOPSOIL IN AREA 4 FOR FUTURE LANDSCAPE BERM. PLACE CLEAN TOPSOIL FROM AREA 4 IN NORTHERN TOPSOIL STOCKPILE (AREA 5).
13. GRUB AND STRIP TOPSOIL IN AREA 10. USE TOPSOIL FROM AREA 10 FOR FILL IN AREA 11, AND FOR LANDSCAPE BERMS IN AREA 4 AND AREA 7.
14. GRUB AND STRIP TOPSOIL IN AREA 12. PLACE CLEAN TOPSOIL IN NORTHERN TOPSOIL STOCKPILE (AREA 5).
15. GRUB AND STRIP TOPSOIL IN AREA 13. PLACE TOPSOIL IN LANDSCAPE BERMS IN AREA 7.
16. PLACE 6" MIN. CLEAN TOPSOIL FROM TOPSOIL STOCKPILES IN AREAS 2 AND 5 OVER ALL BERM/FILL AREAS (3, 4, 7, AND 11) AND SEED/LANDSCAPE AREAS AS SHOWN ON LANDSCAPE PLANS.

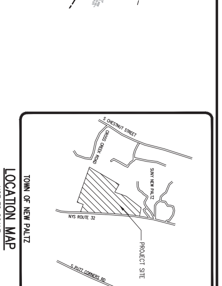
LEGEND

- BOUNDARY LINE
- PROPOSED LOT LINE
- CENTERLINE
- SETBACK LINE
- PROPERTY MARKER FOUND
- CONCRETE HIGHWAY MONUMENT FOUND
- WOOD FENCE POST FOUND
- EX. WATERMAIN, HYDRANT AND VALVE
- PROP. WATERMAIN, HYDRANT AND VALVE
- EXISTING STORM SEWER, AND MANHOLE
- PROPOSED STORM SEWER, MANHOLE AND INLET
- EXISTING SANITARY SEWER AND MANHOLE
- PROPOSED SANITARY SEWER AND MANHOLE
- EXISTING TREELINE
- PROPOSED TREE LINE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED SPOT ELEVATION (336x5)
- PROPOSED FINISHED GRADE (FG = 338.0)
- PROPOSED INLET PROTECTION
- PROPOSED SILT FENCE
- TEMPORARY INTERCEPTOR SWALE

NOT APPROVED

This plan has not received final approval of all reviewing agencies. This plan is subject to revisions until all approvals are obtained and should not be used for construction purposes.





TAX ACCOUNT NUMBER 86.04-02-3.113

PROJECT	PARK POINT NEW PALTZ HOUSING PROJECT
LOCATION	TOWN OF NEW PALTZ, ULSTER COUNTY, NEW YORK STATE
CLIENT	WILMORITE, INC. 1265 SCOTTSVILLE ROAD ROCHESTER, NY 14624
DRAWING TITLE	CONSTRUCTION EROSION CONTROL PREPARATION AND SOIL REMEDIATION PLAN

PROJECT MANAGER	B.G. BONCKE
PROJECT ENGINEER	D.B. ELDRED
DRAWN BY	M. BOCGUIVEI
DATE ISSUED	MARCH 2013
SCALE	1" = 100'
PROJECT NO.	2260
DRAWING NO.	12

BME ASSOCIATES
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REVISIONS		DATE	BY
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