

TABLE
SUMMARY OF DETECTED SOIL LABORATORY RESULTS
19 Academy Street, Poughkeepsie, NY
Sampling Date 09/13/2016

DRAFT

Analyte	Un-restricted Use SCO	Restricted - Residential SCO	S19-1 (0-2")	S19-1 (2-12")	S19-2 (0-2")	S19-3 (0-2")	S19-1 (2-12")	Basement
Volatile Organic Compounds (mg/kg)								
TCL Volatiles	--	--	--	--	--	--	--	ND
BNA Semi-Volatile Organic Compounds (mg/kg)								
Acenaphthene	20	100	0.16	ND	0.12	0.17	0.52	ND
Acenaphthylene	100	100	0.67	0.98	0.25	ND	ND	0.47
Acetophenone	--	--	ND	0.17	0.13	ND	ND	ND
Anthracene	100	100	0.67	0.6	0.4	0.33	0.9	0.58
Benzo(a)anthracene	1	1	3.5	4	2.1	1	3.7	4
Benzo(a)pyrene	1	1	3.4	3.7	2	1.1	4.1	4.2
Benzo(b)fluoranthene	1	1	5.2	5.8	2.9	1.6	5.3	5.5
Benzo(g,h,i)perylene	100	100	2.3	2.8	1.4	0.85	3.1	3.3
Benzo(k)fluoranthene	0.8	3.9	1.9	2	1	0.56	1.9	2
Bis(2-Ethylhexyl)phthalate	--	--	1.8	2.1	3.6	0.65	0.65	0.88
Butylbenzylphthalate	--	--	0.46	0.6	0.14	0.38	ND	ND
Carbazole	--	--	0.29	0.24	0.17	0.18	0.58	0.39
Chrysene	1	3.9	3.7	4.2	2.2	1	3.8	3.9
Dibenz(a,h)anthracene	0.33	0.33	0.64	0.85	0.33	ND	0.77	0.99
Dibenzofuran	--	--	0.16	ND	0.075	ND	0.16	0.3
Di-n-butylphthalate	--	--	ND	0.19	ND	ND	ND	ND
1,4-Dichlorobenzene	1.8	13	ND	ND	ND	ND	ND	0.84
Fluoranthene	100	100	6.2	5.6	3.6	1.8	6.7	5.4
Fluorene	30	100	0.2	ND	0.11	0.13	0.39	ND
Indeno(1,2,3-cd)pyrene	0.5	0.5	2.4	3	1.4	0.77	3.3	3.6
1-Methylnaphthalene	--	--	0.16	ND	ND	ND	ND	ND
2-Methylnaphthalene	--	--	0.28	0.37	ND	ND	ND	0.28
Naphthalene	12	100	0.44	0.64	0.12	0.19	0.2	0.6
Phenanthrene	100	100	3.3	1.9	1.7	1.4	5	3.1
Pyrene	100	100	6.2	6.4	3.7	1.9	8	6.9
TAL Metals (mg/kg)								
Aluminum	--	--	7900	9100	8000	8500	8200	2500
Antimony	--	--	<2.9	<3.0	<3.1	<2.7	<2.8	<3.3
Arsenic	13	16	5.1	5.1	<3.1	4	3.1	<3.3
Barium	350	400	140	220	230	300	180	120
Beryllium	7.2	72	0.39	0.42	0.31	0.32	0.3	<0.33
Cadmium	2.5	4.3	1.5	2.1	1.5	1.6	1.2	9.2
Calcium	--	--	36,000	22,000	25,000	30,000	32,000	16,000
Chromium	30	180	26	28	25	17	15	99
Cobalt	--	--	6.7	7.9	6.9	7.9	7.4	17
Copper	50	270	55	79	110	51	35	320
Iron	--	--	16,000	21,000	20,000	20,000	17,000	360,000
Lead	63	400	300	670	620	440	290	210
Magnesium	--	--	5400	4700	5900	7200	7500	15,000
Manganese	1600	2000	490	610	560	530	570	1500
Mercury	0.18	0.81	0.32	0.67	0.29	0.32	0.46	0.32
Nickel	30	310	15	19	16	18	16	100
Potassium	--	--	1000	830	650	800	700	490
Selenium	3.9	180	<5.7	<5.9	<6.3	<5.3	<5.6	<6.6
Silver	2	180	1.4	2.2	1.4	1.3	1.1	3.4
Sodium	--	--	210	170	190	150	110	170
Thallium	--	--	<2.9	<3.0	<3.1	<2.7	<2.8	<3.3
Vanadium	--	--	18	21	18	25	22	58
Zinc	109	10,000	240	440	550	640	350	1400

Notes: - Value exceeds restricted use-residential Soil Cleanup Objective
 - Value exceeds unrestricted use Soil Cleanup Objective
ND - Parameter was not detected