Appendix A
Summary of Historical Investigation Data Reported

Data from Site Characterization Report (Geosyntec, 2017)

TABLE 5
MONITORING WELL SURVEY DATA AND WATER LEVEL MEASUREMENTS

Former Sperry Remington - North Portion
Elmira, New York

Well ID	Northing	Easting	TOC Elevation [ft amsl]	DTB [ft bTOC]	DTW [ft bTOC]	DTP [ft bTOC]	GW Elevation [ft msl]
MW-7	753928.0	762705.5	852.47	13.3	Dry (>13.3)	ND	<839.17
MW-8	754022.5	762648.8	853.73	17.8	15.36	ND	838.37
MW-9	754165.8	762571.7	853.90	20.4	15.64	ND	838.26
MW-10	754303.1	762480.5	853.13	20.1	15.2	ND	837.93
MW-11D	754704.9	762292.0	855.07	78.1	18.71	ND	836.36
MW-11S	754699.6	762292.8	854.74	21.1	17.08	ND	837.66
MW-12	754101.4	762480.3	854.74	19.5	16.27	ND	838.47
MW-13	754234.0	762356.8	854.80	22.0	16.11	ND	838.69
MW-15D	754148.2	762119.5	855.75	76.1	18.71	ND	837.04
MW-15S	754149.2	762124.6	855.72	17.8	16.1	ND	839.62
MW-16	754439.3	761973.8	854.89	13.5	Dry (>13.5)	ND	<841.39
MW-30	754097.6	762562.4	853.44	17.9	15.09	ND	838.35
MW-31	754158.9	762536.2	853.75	18.0	15.43	ND	838.32
MW-32	754284.0	762491.8	852.75	18.0	15.42	ND	837.33
MW-33	754293.7	762456.4	853.89	19.4	15.95	15.94	837.94
MW-34	754327.4	762470.8	853.69	19.4	15.9	ND	837.79
MW-36	754326.3	762280.8	855.66	19.0	16.99	ND	838.67
MW-37	754294.1	762371.2	854.55	18.7	16.01	ND	838.54
MW-38	754419.6	762398.3	854.86	19.9	17.02	ND	837.84
MW-39	754295.3	762202.4	854.87	24.6	15.6	ND	839.27
MW-40	754360.9	762363.4	854.90	24.4	16.67	ND	838.23
MW-41	754348.4	762550.5	858.74	27.3	21.17	ND	837.57

Notes:

TOC ft amsl: top of casing feet above mean seal level

ft bTOC: feet below top of casing

ft msl: feet mean sea level

TOC: top of inner casing

DTB: depth to bottom

DTW: depth to water

DTP: depth to product

ND: free product not detected in monitoring well

GW: groundwater

Water levels measured on 13 November 2014

Vertical datum is North America Vertical Datum 1988

Northings and Eastings presented in State Plane NAD83 New York Central, coordinate units are feet

TABLE 6
COMBINED INDUSTRIAL SEWER INSPECTION SUMMARY

Former Sperry Remington Site - North Portion
Elmira, New York

Survey Run	Distance/Length Covered (feet)	Pipe Type	Approx. Pipe Diameter (inches)	Pipe Condition	Observations and Comments
CB-1 to south towards CB-2	104.8	Concrete (non-reinforced)	30	Not intact	Survey was abandoned as the drain was collapsed; drain was dry; A 15” drain coming in from the right at 40.6 ft.
CB-1 to north northwest towards CB-24	35.97	Concrete (non-reinforced)	24	Not intact	Survey was abandoned as the drain was collapsed / blocked with dry fine-grained material / gravel; Drain was dry.
CB-3 to south southwest	16.25	Concrete (non-reinforced)	12	Intact	Survey ended at the downstream manhole; tie-in at the main line.
CB-3 to north towards CB-2	109.77	Concrete (non-reinforced)	30	Not intact	Survey was initially stopped as abundant debris and sticks were present at ~ 10 ft. The line was flushed to resume the survey. The survey was abandoned as the drain was collapsed / blocked with fine-grained material and gravel.
CB-3 to south southeast towards STCC	42.2	Brick	30	Not intact	Survey ended at the downstream manhole structure with two connecting drains; one was bulk headed and the other had water. The main line had water and fine-grained material
CB-3 to southwest	13.46	Concrete (non-reinforced)	30	Not intact	Survey was abandoned at the juncture with two connecting drain. The one drain was bulkheaded at 9.42 ft while the other was collapsed at 13.46 ft.
CB-4 to CB-5	349.34	Concrete (non-reinforced)	33	Intact	Survey ended at CB-5; drain was dry.
CB-4 to CB-6	189.3	Concrete (non-reinforced)	33	Intact	Survey was abandoned at 299.41 ft since the 48” sewer was previously inspected. Drain was dry, some plant roots and debris present on the roof of the drain.
CB-7 to east	22.47	Concrete (non-reinforced)	12	Intact	Survey ended at the downstream manhole with the connecting 48” drain.
CB-4 to west	82	Concrete (non-reinforced)	12	Intact	Survey ended at the downstream / western manhole; drain was dry.
CB-1 to CB-8	22.92	Concrete (non-reinforced)	12	Not Intact	Survey abandoned since the drain was collapsed / blocked with dry fine-grained material and gravel; drain was dry; change in drain size from 12” to 10” at ~ 7 ft. CB-8 was collapsed.
CB-6 to west towards the chiller	166.02	Concrete (non-reinforced)	24	Intact	Survey ended at the upstream connection from the chiller; the drain had water from the chiller drain.
San.-1 to north northeast	189.63	Clay Tile	12	Intact	Survey ended since the drain had abundant fine-grained material and debris; A 6” drain coming in from the top left at 2.26, 48.69, 93.57, and 154.25 ft. Another 6” drain coming in from top right at 26.35 and 162.48 ft. A 4” drain coming in from top right at 95.6 ft.
San.-1 to west	38.21	Clay Tile	12	Intact	Survey ended downstream. drain had water; a 6” drain coming in from top right at 38.21 ft.
CB-9 to CB-10	87.52	Concrete (non-reinforced)	24	Intact	Survey ended at upstream manhole; drain was dry
CB-9 to CB-11	22.09 ft	Concrete (non-reinforced)	18	Intact	Survey ended at upstream manhole; drain was dry
CB-11 to CB-12	133.76	Concrete (non-reinforced)	15	Intact	Survey ended at upstream manhole; drain was dry
CB-12 to CB-13	**99.42**	Concrete (non-reinforced)	15	Intact	Survey ended at upstream manhole; drain was dry.
CB-9 to east towards CB-5	221.26	Concrete (non-reinforced)	30	Intact	Survey ended at downstream manhole; drain had some construction debris at 219.73 ft.
CB-14 to CB-9	32.31	Concrete (non-reinforced)	18	Intact	Survey ended at downstream manhole; drain was dry.
CB-14 to CB-15	79.27	Concrete (non-reinforced)	18	Intact	Survey ended at upstream manhole; drain was dry.
CB-16 to CB-15	60.35	Concrete (non-reinforced)	18	Intact	Survey ended at downstream manhole; drain was dry.
CB-16 to CB-17	65.32	Concrete (non-reinforced)	15	Intact	Survey ended at upstream manhole; drain was dry.
CB-18 to CB-17	145.72	Concrete (non-reinforced)	15	Intact	Survey ended at downstream manhole; drain had some fine-grained material and mud at 62.95 ft. Two 4” drains coming in – one from top right at 69.97 ft and the other from top left at 75.03
CB-19 to CB-10	33.17	Concrete (non-reinforced)	18	Intact	Survey ended at downstream manhole; drain was dry.
CB-11 to CB-20	49.98	Concrete (non-reinforced)	12	Intact	Survey ended at upstream manhole; drain was dry.
CB-21 to south southeast towards mainline at CB-6	56.16	Concrete (non-reinforced)	12	Intact	Survey ended at downstream connection to main line towards CB-6; drain was dry.
CB-22 to east toward CB-6	135.5	Concrete (non-reinforced)	24	Intact	Survey of the reverse line was completed / abandoned at the chiller line; drain contained water, fine-grained material, gravel / rocks, concrete, debris at 18.31 ft. Chiller plat access was observed at 35.06 ft.
CB-23 to east towards CB-22	53.9	Concrete (non-reinforced)	24	Intact	Survey ended at upstream manhole; drain was dry. A 10” line coming in from top left at 6.7 ft.
CB-24 to south towards CB-1	74.75	Concrete (non-reinforced)	24	Not Intact	Survey was abandoned as the drain was broken / blocked with soil, gravel, and debris. A hole with soil gravel was observed at 71.73 ft and the drain appeared broken at 72.83. ft
CB-24 to north northeast	9.4	Concrete (non-reinforced)	24	Not Intact	Survey was abandoned due to intruding lateral; the drain was dry. A 10” drain coming in from left at 8.08 ft.
CB-25 to north northwest towards SSHS	0.53	Clay Tile	30	Not intact	Survey was abandoned as the drain inlet was bulk headed.

TABLE 7
SUMMARY OF DETECTED CONSTITUENTS IN FINE-GRAINED MATERIAL

Former Sperry Remington - North
Elmira, New York

				Location	CB-7	CB-6	CB-3	CB-9	SSHS-CB-01	SSHS-CB-02	SSHS-CB-24
				Sample Date	5/28/2015	5/28/2015	5/28/2015	5/28/2015	9/1/2016	9/1/2016	9/1/2016
				NYSDEC SGV Class C							
Chemical Group	**Compound**	**Units**	**EQL**								
Inorganics	Sodium	mg/kg	78		600	130J	430J	85J	<92U	<120U	<78U
Lead	Lead	mg/kg	0.37	130>	19	29	860	200F2	310	22	1600
Metals	Aluminum	mg/kg	11		4200	3900	10,000	6000	7700	3800	4700
	Antimony	mg/kg	0.13		<0.13U	0.38J	1.5	4.9J	2F1	<0.3U	<0.99U
	Arsenic	mg/kg	0.61	33>	8.2	4.8	19	12	7.3	2.5	14
	Barium	mg/kg	11		29B	31B	3000B	120J	180F1	34	230
	Beryllium	mg/kg	0.22		0.16J	0.095J	1.2	0.33	0.38	0.18J	0.24
	Cadmium	mg/kg	0.3	5>	0.093J	0.15J	1.8	2.5J	0.29J	0.15J	3.2
	Calcium	mg/kg	280		54,000B	150,000B	28,000B	1500B	31,000F2	8800	4000
	Chromium (III+VI)	mg/kg	0.28	110>	7.6	24	120	290F2	82	10	520
	Cobalt	mg/kg	2.8		3.8	3.8J	25	8.1	7.6	2.9J	6.1
	Copper	mg/kg	1.5	150>	27	56	450	210F2	140	30	3100
	Iron	mg/kg	6.1		14,000B	21,000B	55,000B	29,000B	19,000	9300	36,000
	Magnesium	mg/kg	280		5300	14,000	6900	1300	3500F1	3300	1800
	Manganese	mg/kg	0.84		190	210	550	350J	260	85	250
	Mercury	mg/kg	0.0073	1>	<0.0073U	0.13	0.38	0.066J+	0.05F1	0.13	0.25
	Nickel	mg/kg	2.7	49>	18	17	200	760	170	24	1100
	Potassium	mg/kg	280		410	270J	540J	300	820	460	290
	Selenium	mg/kg	0.34		0.68	0.88	1.2J	0.63	0.37J	<0.34U	0.63
	Silver	mg/kg	0.025	2.2>	<0.027U	<0.025U	0.38J	4.8J	0.14J	<0.14U	5.3
	Thallium	mg/kg	0.089		<0.099U	<0.45U	<0.11U	<0.089U	<0.33U	<0.42U	<1.4U
	Vanadium	mg/kg	2.8		10B	15B	26B	21J	11	5.9	13
	Zinc	mg/kg	1.2	460>	58B	160B	790B	420B	180	55	3800
PAH/Phenols	PAHs (Sum of total)	mg/kg		35>	4.01	156.9	41.73	12.93	0.613	0.329	2.553
Polychlorinated Biphenyls	Arochlor 1248	mg/kg	0.00065		1.2J	<0.00065U	18J	<0.0063U	160B	18J,B,p	2400B
	Arochlor 1254	mg/kg	0.0026		0.49J	0.024J	7.4J	1.1J	<20U	<25U	<17U
	Arochlor 1260	mg/kg	0.0026		0.095J	0.0045J	1J	0.55J	<19U	<24U	-
	Total PCBs	mg/kg		1>	1.785	0.0285	26.4	1.65	160	18	2400

TABLE 7
SUMMARY OF DETECTED CONSTITUENTS IN FINE-GRAINED MATERIAL

Former Sperry Remington - North
Elmira, New York

				Location	CB-7	CB-6	CB-3	CB-9	SSHS-CB-01	SSHS-CB-02	SSHS-CB-24
				Sample Date	5/28/2015	5/28/2015	5/28/2015	5/28/2015	9/1/2016	9/1/2016	9/1/2016
				NYSDEC SGV Class C							
Chemical Group	**Compound**	**Units**	**EQL**								
SVOCs	1,1-Biphenyl	mg/kg	0.012		<0.078U	<0.075U	0.46J	<0.073U,F1	<0.058U	<0.012U	<0.05U
	2-methylnaphthalene	mg/kg	0.012		<0.016U	0.2	0.69	3.1	<0.012U	0.0076J	0.023J
	4-methylphenol	mg/kg	0.055		0.2J	<0.082U	<0.1U	<0.08U,F1	<0.064U	0.022J	<0.055U
	Acenaphthene	mg/kg	0.0026		<0.017U	0.91	0.84	<0.016U,F1	<0.012U	<0.0026U	<0.011U
	Acenaphthylene	mg/kg	0.0032		<0.02U	0.9	0.28J	0.39	<0.015U	<0.0032U	0.075J
	Anthracene	mg/kg	0.0027		<0.017U	5.4	1.1	0.58J	0.015J	<0.0027U	0.057J
	Benz(a)anthracene	mg/kg	0.028		0.22	12	3.2	0.77J	0.058J	0.044	0.24
	Benzo(a) pyrene	mg/kg	0.028		0.28	11	2.6	0.72J	0.05J	0.012J	0.23
	Benzo(b)fluoranthene	mg/kg	0.028		0.37	13	3.2	0.87J	0.066J	0.031	0.38
	Benzo(g,h,i)perylene	mg/kg	0.028		0.32	11	2.5	0.8J	0.065J	0.013J	0.26
	Benzo(k)fluoranthene	mg/kg	0.026		0.14J	5.5	1.2	0.46	<0.026U	0.0057J	0.12
	Bis(2-ethylhexyl) phthalate	mg/kg	0.022	>	<0.14U	2.8	0.68J	0.43J	<0.1U	<0.022U	0.8J
	Butyl benzyl phthalate	mg/kg	0.019		<0.12U	<0.11U	<0.14U	0.3J	<0.089U	<0.019U	<0.077U
	Carbazole	mg/kg	0.0025		<0.016U	2.2	1.1	<0.015U,F1	<0.012U	<0.0025U	<0.01U
	Chrysene	mg/kg	0.028		0.39	13	3.5	0.92J	0.07J	0.095	0.36
	Dibenz(a,h)anthracene	mg/kg	0.0031		<0.02U	2.3	0.61	0.19	<0.014U	<0.0031U	0.061J
	Dibenzofuran	mg/kg	0.014		<0.087U	0.58J	1.1	<0.08U,F1	<0.064U	<0.014U	<0.056U
	Di-n-butyl phthalate	mg/kg	0.017		<0.11U	<0.1U	<0.13U	0.19J	<0.081U	<0.017U	<0.071U
	Fluoranthene	mg/kg	0.028		0.91	33	8.1	1.7	0.089J	0.036	0.15
	Fluorene	mg/kg	0.0036		<0.023U	1.6	0.75	0.88J	<0.017U	<0.0036U	<0.015U
	Indeno(1,2,3-c,d)pyrene	mg/kg	0.028		0.26	9	1.9	0.65J	0.06J	0.0093J	0.2
	Naphthalene	mg/kg	0.0097		<0.015U	0.17	0.59	0.5J	<0.011U	0.012J	<0.0097U
	Phenanthrene	mg/kg	0.0044		0.51	19	6.9	1.8	0.054J	<0.0044U	0.11
	Pyrene	mg/kg	0.028		0.61	20	5.3	1.7	0.086J	0.071	0.31

SGV - Sediment Guidence Value(NYSDEC. 2014, Screening and Assessment of Contaminated Sediment. Division of Fish, Wildlife and Marine Resources. Bureau of Habitat. June 24, 2014.)

TABLE 8A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00067	0.00085	0.00077	0.00073	0.00082	0.0012	0.00064	0.00057	0.00098	
Restricted Residential SCO													1
NYS Hazardous Waste													50
Investigation_Area	**Location**	**Sample_Depth_Range**	**Sample Date**										
Athletic Field	SSHS-B10	0-0.25	5/10/2000	<0.047U	<0.047U	<0.047U	<0.047U	<0.047U	<0.047U	<0.047U	-	-	<0
Athletic Field	SSHS-B11	0-0.25	5/10/2000	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	-	-	<0
Athletic Field	SSHS-B12	0-0.25	5/10/2000	<0.042U	<0.042U	<0.042U	<0.042U	<0.042U	<0.042U	<0.042U	-	-	<0
Athletic Field	SSHS-B13	0-0.25	5/10/2000	<0.044U	<0.044U	<0.044U	<0.044U	0.15	<0.044U	<0.044U	-	-	0.15
Athletic Field	SSHS-B39	0-0	9/12/2000	<0.042U	<0.042U	<0.042U	<0.042U	<0.042U	<0.042U	<0.042U	-	-	<0
Athletic Field	SSHS-B40	0-0	9/12/2000	<0.041U	<0.041U	<0.041U	<0.041U	0.16	<0.041U	<0.041U	-	-	0.16
Athletic Field	SSHS-B41	0-0	9/12/2000	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	-	-	<0
Athletic Field	SSHS-B42	0-0	9/12/2000	<0.041U	<0.041U	<0.041U	<0.041U	0.056	<0.041U	<0.041U	-	-	0.056
Athletic Field	SSHS-B42-A	0-0.17	8/15/2014	<0.003U	<0.0038U	<0.0034U	<0.0033U	<0.0019U	<0.0029U	<0.0029U	<0.0026U	<0.0044U	<0
Athletic Field	SSHS-B43	0-0	9/12/2000	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	-	-	<0
Athletic Field	SSHS-B43-A	0-0.17	8/15/2014	<0.003U	<0.0039U	<0.0035U	<0.0033U	0.056	<0.0029U	<0.0029U	<0.0026U	<0.0045U	0.056
Athletic Field	SSHS-B44	0-0	9/13/2000	<0.042U	<0.042U	<0.042U	<0.042U	<0.042U	<0.042U	<0.042U	-	-	<0
Athletic Field	SSHS-B45	0-0	9/13/2000	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	-	-	<0
Athletic Field	SSHS-B46	0-0	9/13/2000	<0.043U	<0.043U	<0.043U	<0.043U	1.7D	<0.043U	0.13	-	-	1.83
Athletic Field	SSHS-B46-A	0-0.17	7/21/2014	<0.0015U	<0.0019U	<0.0017U	<0.0016U	0.1J	0.077J	<0.0014U	<0.0013U	<0.0022U	0.177
Athletic Field	SSHS-B47	0-0	9/13/2000	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	-	-	<0
Athletic Field	SSHS-B48	0-0	9/13/2000	<0.044U	<0.044U	<0.044U	<0.044U	<0.044U	<0.044U	<0.044U	-	-	<0
Athletic Field	SSHS-B50	0-0	9/13/2000	<0.042U	<0.042U	<0.042U	<0.042U	0.15	<0.042U	<0.042U	-	-	0.15
Athletic Field	SSHS-B51	0-0	9/13/2000	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	-	-	<0
Athletic Field	SSHS-B52	0-0	9/13/2000	<0.046U	<0.046U	<0.046U	<0.046U	<0.046U	<0.046U	<0.046U	-	-	<0
Athletic Field	SSHS-B53	0-0	9/13/2000	<0.044U	<0.044U	<0.044U	<0.044U	<0.044U	<0.044U	<0.044U	-	-	<0
Athletic Field	SSHS-B54	0-0	9/13/2000	<0.044U	<0.044U	<0.044U	<0.044U	<0.044U	<0.044U	<0.044U	-	-	<0
Athletic Field	SSHS-B55	0-0	9/13/2000	<0.046U	<0.046U	<0.046U	<0.046U	<0.046U	<0.046U	<0.046U	-	-	<0
Athletic Field	SSHS-B56	0-0	9/13/2000	<0.042U	<0.042U	<0.042U	<0.042U	<0.042U	<0.042U	<0.042U	-	-	<0
Athletic Field	SSHS-B57	0-0	9/13/2000	<0.04U	<0.04U	<0.04U	<0.04U	<0.04U	<0.04U	0.078	-	-	0.078
Athletic Field	SSHS-B58	0-0	9/13/2000	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	-	-	<0
Athletic Field	SSHS-B59	0-0	9/13/2000	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	-	-	<0
Athletic Field	SSHS-SS10	0-0	9/12/2000	<0.037U	<0.037U	<0.037U	<0.037U	0.63D	<0.045U	0.1	-	-	0.73
Athletic Field	SSHS-SS11	0-0	9/12/2000	<0.037U	<0.037U	<0.037U	<0.037U	0.58D	<0.037U	0.15	-	-	0.73
Athletic Field	SSHS-SS3	0-0.25	5/10/2000	<0.046U	<0.046U	<0.046U	<0.046U	0.73D	<0.46U	0.25	-	-	0.98
A-Wing	SSHS-B15	0-0.25	5/10/2000	<0.043U	<0.043U	<0.043U	<0.043U	0.19	<0.043U	<0.043U	-	-	0.19
A-Wing	SSHS-B15-A	0-0.17	7/22/2014	<0.0014U	<0.0017U	<0.0016U	<0.0015U	<0.00086U	<0.0013U	<0.0013U	<0.0012U	<0.002U	<0
A-Wing	SSHS-B15-A	0-0.17	7/22/2014	<0.00067U	<0.00085U	<0.00077U	<0.00073U	0.086J	0.066J	<0.00064U	<0.00057U	<0.00098U	0.152
A-Wing	SSHS-B15-B	0-0.17	7/22/2014	<0.0014U	<0.0018U	<0.0016U	<0.0015U	0.62J	0.4J	<0.0013U	<0.0012U	<0.0021U	1.02
A-Wing	SSHS-B15-C	0-0.17	7/22/2014	<0.0013U	<0.0017U	<0.0015U	<0.0015U	0.038J	0.032J	<0.0013U	<0.0011U	<0.002U	0.07
A-Wing	SSHS-SS13	0-0	9/12/2000	<0.039U	<0.039U	<0.039U	<0.039U	0.19	<0.039U	<0.039U	-	-	0.19
Cafeteria	SSHS-B21	0-0.25	5/9/2000	<0.04U	<0.04U	<0.04U	<0.04U	<0.04U	<0.04U	<0.04U	-	-	<0
Cafeteria	SSHS-B297	0-0.17	8/3/2015	<0.0035U	<0.0043U	<0.0059U	<0.0043U	0.052J	0.046J	0.01J	<0.0034U	<0.0063U	0.108
Cafeteria	SSHS-B298	0-0.17	8/3/2015	<0.0037U	<0.0045U	<0.0062U	<0.0045U	0.077J	0.18J	0.038J	<0.0036U	<0.0066U	0.295
East of Gymnasium	SSHS-B1S-A	0-0.17	7/22/2014	<0.0014U	<0.0017U	<0.0016U	<0.0015U	<0.00087U	<0.0013U	<0.0013U	<0.0012U	<0.002U	<0
East of Gymnasium	SSHS-B25	0-0.25	5/9/2000	<0.038U	<0.038U	<0.038U	<0.038U	0.086	<0.038U	<0.038U	-	-	0.086
East of Gymnasium	SSHS-B26-A	0-0.17	8/14/2014	<0.0034U	<0.0043U	<0.0039U	<0.0037U	0.36	<0.0032U	0.049	<0.0029U	<0.0049U	0.409
East of Gymnasium	SSHS-B28	0-0.25	5/9/2000	<0.04U	<0.04U	<0.04U	<0.04U	0.023J	<0.04U	<0.04U	-	-	0.023
East of Gymnasium	SSHS-B29	0-0.25	7/11/2000	<0.038U	<0.038U	<0.038U	<0.038U	0.36	<0.038U	0.055	-	-	0.415
East of Gymnasium	SSHS-B29-A	0-0.17	8/13/2014	<0.0032U	<0.0041U	<0.0037U	<0.0035U	0.9	<0.0031U	0.14	<0.0028U	<0.0047U	1.04
East of Gymnasium	SSHS-B30	0-0.25	7/11/2000	<0.038U	<0.038U	<0.038U	<0.038U	0.18	<0.038U	0.071	-	-	0.251
East of Gymnasium	SSHS-B32-A	0-0.17	7/21/2014	<0.0013U	<0.0017U	<0.0015U	<0.0015U	0.55J	0.32J	<0.0013U	<0.0011U	<0.002U	0.87
East of Gymnasium	SSHS-B34-A	0-0.17	7/21/2014	<0.0014U	<0.0018U	<0.0016U	<0.0015U	0.071J	0.058J	<0.0013U	<0.0012U	0.029J	0.158
East of Gymnasium	SSHS-B358	0-0.17	3/4/2016	<0.0094U	<0.015U	<0.0051U	<0.0075U	<0.0048U	<0.0075U	<0.007U	<0.0038U	<0.0063U	<0
East of Gymnasium	SSHS-B359	0-0.17	3/4/2016	<0.009U	<0.014U	<0.0049U	<0.0072U	<0.0046U	<0.0072U	<0.0067U	<0.0036U	<0.0061U	<0
East of Gymnasium	SSHS-B601	0-0.17	2/10/2017	<0.011U	<0.011U	<0.0084U	<0.017U	0.53J	0.59J	0.12J	<0.0065U	<0.015U	1.24
East of Gymnasium	SSHS-B602	0-0.17	2/10/2017	<0.01U	<0.01U	<0.0078U	<0.016U	0.71J	0.71J	0.15J	<0.006U	<0.014U	1.57
East of Gymnasium	SSHS-B603	0-0.17	2/10/2017	<0.012U	<0.012U	<0.0089U	<0.018U	1.5J	1.1J	0.19J	<0.0069U	<0.016U	2.79
East of Gymnasium	SSHS-B604	0-0.17	2/10/2017	<0.018U	<0.018U	<0.013U	<0.027U	0.13J	0.13J	0.051J	<0.01U	<0.024U	0.311
East of Gymnasium	SSHS-B731	0-0.17	4/11/2017	<0.011U	<0.01U	<0.0079U	<0.016U	<0.0095U	1.9	0.45	<0.0061U	<0.014U	2.35
East of Gymnasium	SSHS-B732	0-0.17	4/11/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	<0.0089U	0.72	0.21	<0.0057U	<0.013U	0.93
East of Gymnasium	SSHS-B99	0-0.17	8/13/2014	<0.0032U	<0.0041U	<0.0037U	<0.0035U	1	<0.0031U	0.14	<0.0028U	<0.0047U	1.14
East of Gymnasium	SSHS-SS14	0-0	9/12/2000	<0.041U	<0.041U	<0.041U	<0.041U	0.11	<0.041U	<0.041U	-	-	0.11
Football Field	SSHS-B151	0-0.17	8/5/2015	<0.0038U	<0.0046U	<0.0064U	<0.0047U	1.9J	1.5J	0.2J	<0.0037U	<0.0068U	3.6
Football Field	SSHS-B169	0-0.17	7/28/2015	<0.0039U	<0.0047U	<0.0065U	<0.0048U	1J	0.63J	0.11J	<0.0038U	<0.007U	1.74
Football Field	SSHS-B173	0-0.17	8/5/2015	<0.0039U	<0.0047U	<0.0065U	<0.0048U	2J	1.4J	0.2J	<0.0038U	<0.007U	3.6
Football Field	SSHS-B175	0-0.17	7/28/2015	<0.0041U	<0.005U	<0.0069U	<0.005U	0.14J	0.13J	0.051J	<0.004U	<0.0073U	0.321
Football Field	SSHS-B315	0-0.17	3/1/2016	<0.011U	<0.017U	<0.0059U	<0.0086U	3.4	<0.0086U	0.31	<0.0044U	<0.0073U	3.71
Football Field	SSHS-B315	0-0.17	3/1/2016	<0.011U	<0.017U	<0.0059U	<0.0087U	3	<0.0088U	0.31	<0.0044U	<0.0074U	3.31
Football Field	SSHS-B324	0-0.17	3/1/2016	<0.011U	<0.017U	<0.0058U	<0.0085U	0.75	<0.0085U	0.092	<0.0043U	<0.0072U	0.842
Football Field	SSHS-B428	0-0.17	8/26/2016	<0.01U	<0.016U	<0.0056U	<0.0082U	1.3J	0.57J	0.18J	<0.0041U	<0.0069U	2.05
Football Field	SSHS-B429	0-0.17	8/26/2016	<0.0097U	<0.015U	<0.0053U	<0.0078U	0.83J	0.39J	0.099J	<0.004U	<0.0066U	1.319
Football Field	SSHS-B445	0-0.17	8/26/2016	<0.011U	<0.017U	<0.0058U	<0.0085U	5.3J	4J	1.1J	<0.0043U	<0.0072U	10.4
Football Field	SSHS-B607	0-0.17	2/10/2017	<0.013U	<0.012U	<0.0094U	<0.019U	0.21J	0.14J	0.027J	<0.0073U	<0.017U	0.377
Football Field	SSHS-B608	0-0.17	2/9/2017	<0.014U	<0.013U	<0.01U	<0.02U	0.23J	0.16J	0.034J	<0.0078U	<0.018U	0.424
Football Field	SSHS-B609	0-0.17	2/9/2017	<0.013U	<0.012U	<0.0095U	<0.019U	0.33J	0.18J	0.026J	<0.0073U	<0.017U	0.536
Football Field	SSHS-B610	0-0.17	2/10/2017	<0.013U,F1	<0.013U	<0.01U	<0.02U	0.48J	0.39J	0.075J	<0.0077U	<0.018U	0.945
Football Field	SSHS-B611	0-0.17	2/9/2017	<0.012U	<0.012U	<0.0091U	<0.018U	0.25J	0.16J	0.026J	<0.007U	<0.017U	0.436
Football Field	SSHS-B611	0-0.17	2/9/2017	<0.013U	<0.013U	<0.0098U	<0.02U	0.23J	0.16J	0.025J	<0.0075U	<0.018U	0.415
Football Field	SSHS-B612	0-0.17	2/7/2017	<0.012U	<0.012U	<0.009U	<0.018U	0.037J	0.022J	<0.015U	<0.0069U	<0.016U	0.059
Football Field	SSHS-B613	0-0.17	2/8/2017	<0.013U	<0.012U	<0.0094U	<0.019U	0.086J	0.055J	0.024J	<0.0073U	<0.017U	0.165
Football Field	SSHS-B614	0-0.17	2/7/2017	<0.012U	<0.012U	<0.0089U	<0.018U	1.2J	0.5J	0.13J	<0.0069U	<0.016U	1.83
Football Field	SSHS-B614	0-0.17	2/7/2017	<0.012U	<0.012U	<0.0089U	<0.018U	1.3J	0.5J	0.12J	<0.0068U	<0.016U	1.92
Football Field	SSHS-B615	0-0.17	2/7/2017	<0.012U	<0.012U	<0.009U	<0.018U	0.24J	0.12J	0.033J	<0.007U	<0.016U	0.393
Football Field	SSHS-B616	0-0.17	2/7/2017	<0.013U	<0.012U	<0.0094U	<0.019U	0.43J	0.18J	0.042J	<0.0072U	<0.017U	0.652
Football Field	SSHS-B617	0-0.17	2/7/2017	<0.012U	<0.012U	<0.0093U	<0.019U	0.66J	0.29J	0.076J	<0.0072U	<0.017U	1.026
Football Field	SSHS-B618	0-0.17	2/7/2017	<0.013U	<0.012U	<0.0095U	<0.019U	1.8J	0.77J	0.18J	<0.0073U	<0.017U	2.75
Football Field	SSHS-B733	0-0.17	4/11/2017	<0.012U	<0.012U	<0.0088U	<0.018U	<0.011U	0.054	0.023	<0.0068U	<0.016U	0.077
Football Field	SSHS-B734	0-0.17	4/11/2017	<0.011U	<0.011U	<0.0086U	<0.017U	<0.01U	0.059	0.019J	<0.0066U	<0.016U	0.078
Football Field	SSHS-B734	0-0.17	4/11/2017	<0.012U	<0.011U	<0.0086U	<0.017U	<0.01U	0.059	0.018J	<0.0066U	<0.016U	0.077
Football Field	SSHS-B735	0-0.17	4/11/2017	<0.012U	<0.012U	<0.0089U	<0.018U	<0.011U	0.054	<0.015U	<0.0068U	<0.016U	0.054
Football Field	SSHS-FB10	0-0.17	7/22/2014	<0.0008U	<0.001U	<0.00092U	<0.00087U	0.62J	0.3J	<0.00076U	<0.00069U	<0.0012U	0.92
Football Field	SSHS-FB11	0-0.17	7/22/2014	<0.00082U	<0.0011U	<0.00094U	<0.0009U	0.088J	0.071J	<0.00078U	<0.00071U	<0.0012U	0.159
Football Field	SSHS-FB1-A	0-0.17	7/22/2014	<0.00079U	<0.001U	<0.00091U	<0.00087U	0.25J	0.11J	<0.00076U	<0.00069U	<0.0012U	0.36
Football Field	SSHS-FB2-A	0-0.17	7/22/2014	<0.0014U	<0.0019U	<0.0017U	<0.0016U	<0.00092U	0.11	<0.0014U	<0.0012U	<0.0021U	0.11
Football Field	SSHS-FB3-A	0-0.17	7/22/2014	<0.0008U	<0.001U	<0.00092U	<0.00088U	0.1J	0.051J	<0.00077U	<0.00069U	<0.0012U	0.151
Football Field	SSHS-FB4-A	0-0.17	7/22/2014	<0.0017U	<0.0022U	<0.0019U	<0.0019U	0.037J	0.061J	<0.0016U	<0.0015U	<0.0025U	0.098
Football Field	SSHS-FB6-A	0-0.17	7/22/2014	<0.0016U	<0.0021U	<0.0019U	<0.0018U	0.23J	0.19J	<0.0016U	<0.0014U	<0.0024U	0.42
Football Field	SSHS-FB6-A	0-0.17	7/22/2014	<0.0008U	<0.001U	<0.00092U	<0.00087U	0.18J	0.15J	<0.00076U	<0.00069U	<0.0012U	0.33
Football Field	SSHS-FB7	0-0.25	8/14/2000	<0.046U	<0.046U	<0.046U	<0.046U	0.19	<0.046U	<0.046U	-	-	0.19

TABLE 8A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00067	0.00085	0.00077	0.00073	0.00082	0.0012	0.00064	0.00057	0.00098	
Restricted Residential SCO													1
NYS Hazardous Waste													50
Investigation_Area	**Location**	**Sample_Depth_Range**	**Sample Date**										
Football Field	SSHS-FB7-A	0-0.17	7/21/2014	<0.0015U	<0.0019U	<0.0017U	<0.0016U	0.28J	0.13J	<0.0014U	<0.0013U	<0.0022U	0.41
Football Field	SSHS-FB7-B	0-0.17	7/21/2014	<0.0014U	<0.0019U	<0.0017U	<0.0016U	0.14J	0.089J	<0.0014U	<0.0013U	<0.0021U	0.229
Football Field	SSHS-FB7-C	0-0.17	7/21/2014	<0.0015U	<0.002U	<0.0018U	<0.0017U	0.037J	0.028J	<0.0015U	<0.0013U	<0.0023U	0.065
Football Field	SSHS-FB7-D	0-0.17	7/21/2014	<0.0016U	<0.0021U	<0.0019U	<0.0018U	0.18J	0.11J	<0.0016U	<0.0014U	<0.0024U	0.29
Football Field	SSHS-FB7-E	0-0.17	7/21/2014	<0.013U	<0.016U	<0.015U	<0.014U	6.8J	2.5J	<0.012U	<0.011U	<0.019U	9.3
Football Field	SSHS-FB7-E	0-0.17	7/21/2014	<0.0015U	<0.0019U	<0.0017U	<0.0016U	0.16J	0.1J	<0.0014U	<0.0013U	<0.0021U	0.26
Football Field	SSHS-FB9-A	0-0.17	7/22/2014	<0.0016U	<0.0021U	<0.0018U	<0.0018U	1.2J	0.8J	<0.0015U	<0.0014U	0.091J	2.091
Football Field	SSHS-FB9-AA	0-0.17	7/16/2015	<0.0046U	<0.0057U	<0.0078U	<0.0057U	1.4J	0.95J	0.17J	<0.0046U	<0.0084U	2.52
Football Field	SSHS-SS1	0-0.25	5/10/2000	<0.05U	<0.05U	<0.05U	<0.05U	<0.05U	<0.05U	<0.05U	-	-	<0
Football Field	SSHS-SS15	0-0.17	7/22/2014	<0.0016U	<0.002U	<0.0018U	<0.0017U	0.042J	0.036J	<0.0015U	<0.0014U	<0.0074J	0.078
Football Field	SSHS-SS16	0-0.17	7/22/2014	<0.00079U	<0.001U	<0.00091U	<0.00086U	0.028J	0.025J	<0.00075U	<0.00068U	<0.0012U	0.053
Football Field	SSHS-SS2	0-0.25	5/10/2000	<0.047U	<0.047U	<0.047U	<0.047U	<0.047U	<0.047U	<0.047U	-	-	<0
Football Field	SSHS-SS5	0-0	9/12/2000	<0.045U	<0.045U	<0.045U	<0.045U	0.053	<0.045U	<0.045U	-	-	0.053
Football Field	SSHS-SS6	0-0	9/12/2000	<0.047U	<0.047U	<0.047U	<0.047U	<0.047U	<0.047U	<0.047U	-	-	<0
Football Field	SSHS-SS7	0-0	9/12/2000	<0.044U	<0.044U	<0.044U	<0.044U	<0.044U	<0.044U	<0.044U	-	-	<0
Football Field	SSHS-SS8	0-0	9/12/2000	<0.047U	<0.047U	<0.047U	<0.047U	<0.047U	<0.047U	<0.047U	-	-	<0
Football Field	SSHS-SS9	0-0	9/12/2000	<0.045U	<0.045U	<0.045U	<0.045U	0.22	<0.045U	<0.045U	-	-	0.22
Football Field North	SSHS-B305	0-0.17	7/14/2015	<0.0041U	<0.005U	<0.0069U	<0.005U	<0.005U	<0.0047U	<0.0043U	<0.004U	<0.0073U	<0
Football Field North	SSHS-B49	0-0	9/13/2000	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	-	-	<0
Football Field North	SSHS-B576	0-0.17	2/15/2017	<0.012U	<0.011U	<0.0088U	<0.018U	0.019J	0.019J	<0.015U	<0.0068U	<0.016U	0.038
Football Field North	SSHS-SS4	0-0.25	5/11/2000	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	-	-	<0
Football Field SE	SSHS-B33	0-0.25	5/9/2000	<0.035U	<0.035U	<0.035U	<0.035U	<0.035U	<0.035U	<0.035U	-	-	<0
Football Field SE	SSHS-B605	0-0.17	2/10/2017	<0.011U	<0.011U	<0.0084U	<0.017U	0.043J	0.045J	<0.014U	<0.0064U	<0.015U	0.088
Football Field SE	SSHS-B606	0-0.17	2/10/2017	<0.012U	<0.012U	<0.0092U	<0.018U	0.057J	0.053J	<0.015U	<0.0071U	<0.017U	0.11
Football Field SE	SSHS-B9-A	0-0.17	7/21/2014	<0.0014U	<0.0018U	<0.0016U	<0.0015U	0.082J	0.074J	<0.0013U	<0.0012U	0.038J	0.194
Football Field SW	SSHS-B8	0-0.25	5/11/2000	<0.041U	<0.041U	<0.041U	<0.041U	0.23	<0.041U	0.054	-	-	0.284
F-Wing	SSHS-B92	0-0.17	8/12/2014	<0.0036U	<0.0047U	<0.0042U	<0.004U	0.069	<0.0035U	<0.022J	<0.0031U	<0.0054U	0.069
F-Wing	SSHS-B93	0-0.17	8/12/2014	<0.0034U	<0.0044U	<0.0039U	<0.0037U	<0.0022U	<0.0033U	<0.0033U	<0.0029U	<0.005U	<0
F-Wing	SSHS-B94	0-0.17	8/12/2014	<0.0035U	<0.0045U	<0.004U	<0.0038U	<0.0022U	<0.0033U	<0.0033U	<0.003U	<0.0051U	<0
F-Wing	SSHS-B95	0-0.17	8/12/2014	<0.0034U	<0.0043U	<0.0039U	<0.0037U	<0.0021U	<0.0032U	<0.0032U	<0.0029U	<0.0049U	<0
F-Wing	SSHS-B95	0-0.17	8/12/2014	<0.0034U	<0.0043U	<0.0039U	<0.0037U	<0.0068J	<0.0032U	<0.0032U	<0.0029U	<0.005U	<0
F-Wing	SSHS-B96	0-0.17	8/12/2014	<0.003U	<0.0039U	<0.0035U	<0.0033U	<0.0069J	<0.0029U	<0.011J	<0.0026U	<0.0044U	<0
F-Wing	SSHS-B98	0-0.17	8/13/2014	<0.0034U	<0.0044U	<0.0039U	<0.0037U	0.48	<0.0033U	0.1	<0.0029U	<0.005U	0.58
K-Wing	SSHS-B4SS-A	0-0.17	7/22/2014	<0.0014U	<0.0018U	<0.0016U	<0.0015U	<0.00088U	<0.0013U	<0.0013U	<0.0012U	<0.002U	<0
K-Wing	SSHS-B97	0-0.17	8/13/2014	<0.0033U	<0.0043U	<0.0038U	<0.0036U	<0.0021U	<0.0032U	<0.0032U	<0.0029U	<0.0049U	<0
Main Parking Lot	SSHS-B74	0-0.17	8/13/2014	<0.0032U	<0.0041U	<0.0037U	<0.0035U	<0.002U	<0.0031U	<0.0031U	<0.0028U	<0.0047U	<0
Main Parking Lot	SSHS-B91	0-0.17	8/13/2014	<0.0033U	<0.0042U	<0.0038U	<0.0036U	<0.0021U	<0.0031U	<0.0031U	<0.0028U	<0.0048U	<0
Rear Parking Lot	SSHS-B23	0-0.25	5/9/2000	<0.039U	<0.039U	<0.039U	<0.039U	0.79D	<0.039U	0.1	-	-	0.89
Rear Parking Lot	SSHS-B24	0-0.25	5/9/2000	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	-	-	<0
Rear Parking Lot	SSHS-B295	0-0.17	7/24/2015	<0.0036U	<0.0044U	<0.0061U	<0.0045U	0.014J	0.019J	0.0097J	<0.0036U	<0.0065U	0.0427
Rear Parking Lot	SSHS-B296	0-0.17	7/21/2015	<0.0038U	<0.0046U	<0.0064U	<0.0047U	0.014J	0.0093J	<0.004U	<0.0037U	<0.0068U	0.0233
Rear Parking Lot	SSHS-B35	0-0.25	5/9/2000	<0.041U	<0.041U	<0.041U	<0.041U	0.33	<0.041U	0.097	-	-	0.427
Rear Parking Lot	SSHS-B561	0-0.17	9/2/2016	<0.0094U	<0.015U	<0.0052U	<0.0076U	2.2J	1J	0.15J	<0.0039U	<0.0064U	3.35
Rear Parking Lot	SSHS-B562	0-0.17	9/2/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.054J	0.047J	<0.0063U	<0.0034U	<0.0057U	0.101
Rear Parking Lot	SSHS-B563	0-0.17	9/2/2016	<0.0091U	<0.014U	<0.005U	<0.0073U	0.043J	0.043J	<0.0068U	<0.0037U	<0.0061U	0.086
Rear Parking Lot	SSHS-B564	0-0.17	9/2/2016	<0.0098U	<0.015U	<0.0054U	<0.0079U	3.3J	2.1J	0.3J	<0.004U	<0.0066U	5.7
Rear Parking Lot	SSHS-B565	0-0.17	9/2/2016	<0.01U	<0.016U	<0.0057U	<0.0084U	2.6J	1.7J	0.28J	<0.0042U	<0.007U	4.58
Rear Parking Lot	SSHS-B566	0-0.17	9/2/2016	<0.0099U	<0.016U	<0.0054U	<0.008U	3.6J	2.2J	0.35J	<0.004U	<0.0067U	6.15
Rear Parking Lot	SSHS-B597	0-0.17	2/16/2017	<0.012U	<0.012U	<0.0089U	<0.018U	0.011J	0.011J	<0.015U	<0.0069U	<0.016U	0.022
Rear Parking Lot	SSHS-B598	0-0.17	2/10/2017	<0.012U	<0.012U	<0.0091U	<0.018U	0.061J	0.055J	0.017J	<0.007U	<0.016U	0.133
Rear Parking Lot	SSHS-B598	0-0.17	2/10/2017	<0.012U	<0.012U	<0.009U	<0.018U	0.062	0.047	0.018J	<0.0069U	<0.016U	0.127
Rear Parking Lot	SSHS-B599	0-0.17	2/10/2017	<0.011U	<0.011U	<0.0082U	<0.016U	0.3J	0.29J	0.077J	<0.0063U	<0.015U	0.667
Rear Parking Lot	SSHS-B600	0-0.17	2/10/2017	<0.019U	<0.018U	<0.014U	<0.028U	0.14J	0.12J	0.033J	<0.011U	<0.025U	0.293
Rear Parking Lot	SSHS-B9SS-A	0-0.17	7/22/2014	<0.0013U	<0.0017U	<0.0015U	<0.0014U	<0.00082U	<0.0012U	<0.0012U	<0.0011U	<0.0019U	<0
South Athletic Field	SSHS-B481	0-0.17	8/24/2016	<0.0091U	<0.014U	<0.005U	<0.0073U	0.4J	0.16J	0.043J	<0.0037U	<0.0061U	0.603
South Athletic Field	SSHS-B624	0-0.17	2/10/2017	<0.012U	<0.012U	<0.009U	<0.018U	1.2J	0.9J	0.15J	<0.0069U	<0.016U	2.25
South Athletic Field	SSHS-B70	0-0.17	8/14/2014	<0.0032U	<0.0041U	<0.0037U	<0.0035U	0.74	<0.003U	0.083	<0.0027U	<0.0047U	0.823
South Athletic Field	SSHS-SS12	0-0	9/12/2000	<0.04U	<0.04U	<0.04U	<0.04U	2.8D	<0.04U	0.24	-	-	3.04
South Athletic Field	SSHS-SS12-A	0-0.17	7/22/2014	<0.00074U	<0.00095U	<0.00086U	<0.00081U	0.37J	0.21J	<0.00071U	<0.00064U	<0.0011U	0.58
South Athletic Field	SSHS-SS12-B	0-0.17	7/22/2014	<0.0036U	<0.0046U	<0.0041U	<0.0039U	2.1J	2.2J	<0.0034U	<0.0031U	<0.0052U	4.3
South Athletic Field	SSHS-SS12-C	0-0.17	7/22/2014	<0.00074U	<0.00094U	<0.00085U	<0.00081U	0.3J	0.26J	<0.0007U	<0.00064U	<0.0011U	0.56
Tennis Court	SSHS-B14	0-0.25	5/10/2000	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	-	-	<0
Tennis Court	SSHS-B289	0-0	7/24/2015	<0.0037U	<0.0045U	<0.0062U	<0.0045U	1J	0.68J	0.2J	<0.0036U	<0.0066U	1.88
Tennis Court	SSHS-B37	0-0	9/12/2000	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	-	-	<0
Tennis Court	SSHS-B38	0-0	9/12/2000	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	-	-	<0
Tennis Court	SSHS-B577	0-0.17	2/10/2017	<0.013U	<0.012U	<0.0094U	<0.019U	<0.011J	<0.01J	0.017J	<0.0072U	<0.017U	0.017
Tennis Court	SSHS-B586	0-0.17	2/10/2017	<0.012U	<0.012U	<0.0089U	<0.018U	<0.011J	<0.0098J	<0.015J	<0.0068U	<0.016U	<0
Tennis Court	SSHS-B588	0-0.17	2/15/2017	<0.012U	<0.011U	<0.0088U	<0.018U	<0.011U	0.018J	<0.015U	<0.0067U	<0.016U	0.018
Tennis Court	SSHS-B589	0-0.17	2/15/2017	<0.012U	<0.012U	<0.009U	<0.018U	<0.011U	<0.01U	<0.015U	<0.0069U	<0.016U	0
Tennis Court	SSHS-B595	0-0.17	2/10/2017	<0.012U	<0.012U	<0.009U	<0.018U	<0.011J	<0.01J	<0.015U	<0.0069U	<0.016U	<0
Tennis Court	SSHS-B596	0-0.17	2/10/2017	<0.012U	<0.011U	<0.0086U	<0.017U	0.012J	0.012J	<0.015J	<0.0066U	<0.016U	0.024
Tennis Court	SSHS-B72	0-0.17	8/15/2014	<0.003U	<0.0038U	<0.0034U	<0.0032U	<0.0019U	<0.0028U	<0.0028U	<0.0025U	<0.0043U	<0
Tennis Court	SSHS-B75	0-0.17	8/14/2014	<0.0032U	<0.0041U	<0.0036U	<0.0035U	<0.002U	<0.003U	<0.003U	<0.0027U	<0.0047U	<0
Tennis Court	SSHS-B76	0-0.17	8/14/2014	<0.003U	<0.0038U	<0.0034U	<0.0033U	0.3	<0.0029U	0.052	<0.0026U	<0.0044U	0.352
Tennis Court	SSHS-B77	0-0.17	8/14/2014	<0.003U	<0.0039U	<0.0035U	<0.0033U	<0.0019U	<0.0029U	<0.0029U	<0.0026U	<0.0045U	<0
Tennis Courts	SSHS-B36	0-0	9/12/2000	<0.037U	<0.037U	<0.037U	<0.037U	0.079	<0.037U	<0.037U	-	-	0.079

Notes:
J - estimated value
U - non-detect
ND - non-detect
- - not analyzed
mg/kg - milligram per kilogram
ft bgs - feet below ground surface
PCBs - polychlorinated biphenyls
Concentrations detected above the Restricted Residential Soil Cleanup Objectives (SCO) of 1 mg/kg presented in 6 NYCRR Subpart 375 are presented in grey.
Total PCB concentrations detected above New York State hazardous waste threshold (6 NYCRR Part 371.4 (e)) are presented in dark grey

TABLE 8B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				VOCs							Inorganics	Metals																
				1,1-dichloroethene	Chloroform	Dichloromethane	Trichloroethene	Tetrachloroethene	Acetone	Carbon disulfide	Cyanide Total	Aluminium	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (III+VI)	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00095	0.00065	0.00075	0.00074	0	0.0056	0.00057	0.18	21	0.21	1.1	21	0.43	0.016	530	0.53	5.3	2.7	11	1.1	530	1.6	0.033	4.3
Restricted Residential SCO				100	49	100	21	19	100		27			16	400	72	4.3		110		270		400		2000	0.81	310
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																									
Athletic Field	SSHS-B10	0-0.25	5/10/2000	<0.0071U	<0.0071U	<0.0071U	<0.0071U	<0.0071U	<0.028U	-	<1.42U	-	-	**3.6**	**104**	<0.7U	<0.7U	-	**81.7**	-	**18.8**	-	**20.5**	-	-	<0.06U	**20.1**
Athletic Field	SSHS-B11	0-0.25	5/10/2000	<0.0065U	<0.0065U	<0.0065U	<0.0065U	**0.0089**	**0.0066J**	-	<1.29U	-	-	**3.2**	**107**	<0.64U	<0.64U	-	**57.2**	-	**17.2**	-	**14.5**	-	-	<0.06U	**19.8**
Athletic Field	SSHS-B12	0-0.25	5/10/2000	<0.0064U	<0.0064U	<0.0064U	<0.0064U	<0.0064U	<0.025U	-	<1.27U	-	-	**4.2**	**120**	<0.62U	<0.62U	-	**15.8**	-	**14.9**	-	**17.7**	-	-	<0.06U	**20.8**
Athletic Field	SSHS-B13	0-0.25	5/10/2000	<0.0067U	<0.0067U	<0.0067U	<0.0067U	<0.0067U	<0.027U	-	<1.34U	-	-	**3.5**	**75.5**	<0.66U	<0.66U	-	**19.5**	-	**19**	-	**22.2**	-	-	<0.06U	**22.5**
Athletic Field	SSHS-B39	0-0	9/12/2000	<0.0063U	<0.0063U	<0.0063U	<0.0063U	<0.0063U	<0.025U	<0.013U	<0.00126U	-	<1.26U	**5.03**	**89.3**	<0.631U	<0.631U	-	**21.5**	**8.11**	**14.8**	-	**15.3**	-	-	<0.0631U	**17.6**
Athletic Field	SSHS-B40	0-0	9/12/2000	<0.0062U	<0.0062U	<0.0062U	<0.0062U	<0.0062U	<0.025U	<0.012U	<0.00124U	-	<1.24U	**5.01**	**111**	<0.62U	<0.62U	-	**73.1**	**8.98**	**22.8**	-	**26.3**	-	-	**0.0757**	**28.6**
Athletic Field	SSHS-B41	0-0	9/12/2000	<0.0059U	<0.0059U	<0.0059U	<0.0059U	<0.0059U	<0.024U	<0.012U	<0.00118U	-	<1.18U	**5.5**	**101**	**0.619**	<0.591U	-	**32**	**9.17**	**14.3**	-	**19.4**	-	-	**0.227**	**18.9**
Athletic Field	SSHS-B42	0-0	9/12/2000	<0.0062U	**0.0015J**	<0.0062U	<0.0062U	<0.0062U	<0.025U	<0.012U	<0.00123U	-	<1.2UN	**5.4**	**113**	**0.61**	<0.61U	-	**28.9**	**9.4**	**21.4N**	-	**23.4**	-	-	<0.06U	**23.7**
Athletic Field	SSHS-B42-A	0-0.17	8/15/2014	<0.00098U	<0.00067U	<0.00077U	<0.00076U	<0.00078U	<0.0058U	<0.00059U	<0.2J	**9400**	<0.24U	**7.3**	**110**	**0.49**	<0.14J	**1700**	**15B**	**7.6**	**19**	**18,000**	**20**	**2400**	**400**	<0.031J	**18**
Athletic Field	SSHS-B43	0-0	9/12/2000	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.022U	<0.011U	<0.00111U	-	<1.11U	**4.54**	**64.5**	<0.554U	<0.554U	-	**8.82**	**6.43**	**9.5**	-	**11.2**	-	-	<0.0554U	**13.1**
Athletic Field	SSHS-B43-A	0-0.17	8/15/2014	**1.9**	<0.054U	<0.058U	<0.043U	<0.044U	<0.52J	<0.057U	**0.71**	**11,000**	<0.25U	**8.1**	**100**	**0.53**	<0.13J	**2000**	**13**	**9**	**22**	**21,000**	**15**	**2800**	**490**	<0.023J	**32B**
Athletic Field	SSHS-B44	0-0	9/13/2000	<0.0064U	<0.0064U	<0.0064U	<0.0064U	<0.0064U	<0.026U	<0.013U	<0.00128U	-	<1.28U	**5.4**	**101**	**0.679**	<0.639U	-	**16.1**	**9.95**	**14.2**	-	**15.1**	-	-	<0.0639U	**20.7**
Athletic Field	SSHS-B45	0-0	9/13/2000	<0.0065U	<0.0065U	<0.0065U	<0.0065U	<0.0065U	<0.026U	**0.0014J**	<0.00131U	-	<1.31UN	**6.5**	**106**	<0.65U	<0.65U	-	**15**	**9.8**	**17.4N**	-	**19.3**	-	-	<0.06U	**20.8**
Athletic Field	SSHS-B46	0-0	9/13/2000	<0.0066U	<0.0066U	<0.0066U	<0.0066U	<0.0066U	<0.026U	<0.013U	<0.00131U	-	<1.31U	**5.84**	**110**	<0.656U	<0.656U	-	**14.3**	**8.66**	**13.5N**	-	**16.1**	-	-	<0.0656U	**17.6**
Athletic Field	SSHS-B47	0-0	9/13/2000	<0.0066U	<0.0066U	<0.0066U	<0.0066U	<0.0066U	<0.026U	<0.013U	<0.00132U	-	**1.31IN**	**5.7**	**125**	<0.656U	<0.656U	-	**16.6**	**9.1**	**16.3N**	-	**18.3**	-	-	<0.06U	**20.1**
Athletic Field	SSHS-B47-A	0-0.17	7/21/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Athletic Field	SSHS-B48	0-0	9/13/2000	<0.0066U	<0.0066U	<0.0066U	<0.0066U	<0.0066U	<0.027U	<0.013U	<0.00133U	-	<1.33U	**5.83**	**115**	<0.654U	<0.654U	-	**14.6**	**9.16**	**13.8**	-	**17.5**	-	-	<0.0664U	**18.6**
Athletic Field	SSHS-B50	0-0	9/13/2000	<0.0063U	<0.0063U	<0.0063U	<0.0063U	<0.0063U	<0.025U	<0.013U	<0.00127U	-	<1.27U	**5.67**	**121**	<0.635U	<0.635U	-	**16.9**	**10.3**	**18.7**	-	**16.6**	-	-	<0.0635U	**22.2**
Athletic Field	SSHS-B51	0-0	9/13/2000	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.022U	<0.011U	<0.00112U	-	<1.12U	**3.9**	**36.8**	<0.558U	<0.558U	-	**13.2**	<5.58U	**7.38**	-	**5.51**	-	-	<0.0558U	**5.27**
Athletic Field	SSHS-B52	0-0	9/13/2000	<0.0069U	<0.0069U	<0.0069U	<0.0069U	<0.0069U	<0.028U	<0.014U	<0.00138U	-	<1.3UN	**5.8**	**144**	<0.66U	<0.66U	-	**37.9**	**10.2**	**19.2N**	-	**17.3**	-	-	<0.07U	**21.9**
Athletic Field	SSHS-B53	0-0	9/13/2000	<0.0067U	<0.0067U	<0.0067U	<0.0067U	<0.0067U	<0.027U	<0.013U	<0.00133U	-	<1.33U	**4.78**	**92.3**	<0.666U	**0.77**	-	**58.2**	**10.2**	**22.4**	-	**16**	-	-	<0.0666U	**22.8**
Athletic Field	SSHS-B54	0-0	9/13/2000	<0.0067U	<0.0067U	<0.0067U	<0.0067U	<0.0067U	<0.027U	<0.013U	<0.00135U	-	<1.35U	**5.72**	**133**	<0.673U	**0.907**	-	**91.4**	**10.9**	**23.1**	-	**20.2**	-	-	<0.0673U	**27.6**
Athletic Field	SSHS-B55	0-0	9/13/2000	<0.007U	**0.0083**	<0.007U	<0.007U	<0.007U	<0.028U	<0.014U	<0.0014U	-	<1.3UN	**5.8**	**124**	<0.67U	<0.67U	-	**39.5**	**9.9**	**19.8N**	-	**34**	-	-	**0.236**	**21.9**
Athletic Field	SSHS-B56	0-0	9/13/2000	<0.0064U	<0.0064U	<0.0064U	<0.0064U	<0.0064U	<0.026U	<0.013U	<0.00129U	-	<1.29U	**4.76**	**112**	<0.644U	**0.654**	-	**51.2**	**9.06**	**18.3**	-	**17**	-	-	<0.0644U	**20.1**
Athletic Field	SSHS-B57	0-0	9/13/2000	<0.006U	<0.006U	<0.006U	<0.006U	**0.0018J**	<0.024U	<0.012U	<0.00121U	-	<1.2UN	**5.3**	**84.2**	<0.58U	**0.58**	-	**39.1**	**9.2**	**19.3N**	-	**20.2**	-	-	<0.06U	**21.6**
Athletic Field	SSHS-B58	0-0	9/13/2000	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.023U	<0.011U	<0.00114U	-	<1.14U	**5.23**	**43.4**	<0.571U	**0.63**	-	**15.9**	**6.32**	**8.07**	-	**5.06**	-	-	<0.0571U	**5.62**
Athletic Field	SSHS-B59	0-0	9/13/2000	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	<0.024U	<0.012U	<0.00119U	-	<1.19U	**5.36**	**109**	**0.652**	<0.597U	-	**19.2**	**10**	**19.3**	-	**16.2**	-	-	<0.0597U	**24.8**
Athletic Field	SSHS-SS10	0-0	9/12/2000	<0.0056U	<0.0056U	<0.0056U	<0.0056U	**0.027**	<0.022U	<0.011U	<0.00112U	-	<1.12U	**5.91**	**92.7**	<0.559U	<0.559U	-	**11.6**	**7.86**	**19.4**	-	**23.4**	-	-	**0.147**	**18.1**
Athletic Field	SSHS-SS11	0-0	9/12/2000	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.022U	<0.011U	<0.00111U	-	<1.11U	**6.63**	**99.6**	<0.554U	<0.554U	-	**12.2**	**8.19**	**20.1**	-	**25.8**	-	-	**0.113**	**19.2**
Athletic Field	SSHS-SS3	0-0.25	5/10/2000	<0.007U	<0.007U	<0.007U	<0.007U	**0.0036J**	<0.028U	-	<1.39U	-	-	**4**	**134**	<0.68U	<0.68U	-	**14.3**	-	**14.6**	-	**18.4**	-	-	<0.7U	**21.8**
A-Wing	SSHS-B15	0-0.25	5/10/2000	<0.0065U	<0.0065U	<0.0065U	<0.0065U	**0.016**	<0.026U	-	<1.3U	-	-	**4.4**	**111**	<0.65U	<0.65U	-	**15.5**	-	**18.5**	-	**21**	-	-	<0.06U	**20.8**
A-Wing	SSHS-B15	0-0.25	7/11/2000	<0.0061U	<0.0061U	<0.0061U	<0.0061U	<0.0061U	<0.024U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A-Wing	SSHS-B15	0-0.25	7/27/2000	<0.0057U	<0.0057U	<0.0057U	**0.0016J**	**0.0011J**	<0.023U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A-Wing	SSHS-SS13	0-0	9/12/2000	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	<0.024U	<0.012U	<0.00119U	-	<1.19U	**4.08**	**63.1**	<0.595U	<0.864U	-	**12.7**	**6.93**	**14.6**	-	**24.6**	-	-	**0.0998**	**15**
Cafeteria	SSHS-B21	0-0	5/9/2000	-	-	-	-	**0.011**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cafeteria	SSHS-B21	0-0.25	5/9/2000	<0.006U	**0.0014J**	<0.006U	<0.006U	**0.0089**	<0.024U	-	<1.2U	-	-	<4.9N*	**123**	<0.6U	<0.6U	-	<13.2U	-	**16.1N***	-	**16.8N***	-	-	<0.06UN	**20.6N**
East of Gymnasium	SSHS-B25	0-0.25	5/9/2000	<0.0057U	**0.0014J**	<0.0057U	<0.0057U	**0.026**	<0.023U	-	<1.15U	-	-	**4.7N***	**115**	<0.56U	<0.56U	-	**13.3**	-	**14.5N***	-	**17.7N***	-	-	<0.06UN	**19.5N**
East of Gymnasium	SSHS-B25	0-0.25	7/11/2000	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.023U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East of Gymnasium	SSHS-B25	0-0.25	7/27/2000	<0.0056U	<0.0056U	<0.0056U	**0.0019J**	<0.0056U	<0.023U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East of Gymnasium	SSHS-B26-A	0-0.17	8/14/2014	**1.3**	<0.059U	<0.064U	<0.047U	<0.048U	<0.34J	<0.063U	<0.68U	**10,000**	<0.27U	**9**	**110**	<0.52J	<0.15J	**3000**	**13**	**8.7**	**17**	**20,000**	**17**	**2900**	**480**	**0.17**	**23**
East of Gymnasium	SSHS-B28	0-0.25	5/9/2000	<0.0061U	**0.0015J**	<0.0061U	<0.0061U	**0.008**	<0.024U	-	<1.22U	-	-	**5.2N***	**130**	<0.59U	<0.59U	-	**21.5**	-	**18.8N***	-	**20N***	-	-	<0.06UN	**23.5N**
East of Gymnasium	SSHS-B29	0-0.25	7/11/2000	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.023U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East of Gymnasium	SSHS-B29-A	0-0.17	8/13/2014	<0.00095U	<0.00065U	<0.00075U	<0.00074U	<0.00076U	<0.0056U	<0.00057U	<0.21J	**10,000**	<0.24U	**8.3**	**120**	**0.52**	<0.18J	**3000**	**14B**	**8.9**	**23**	**21,000**	**28**	**2900**	**510**	**0.093**	**32B**
East of Gymnasium	SSHS-B30	0-0.25	7/11/2000	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.023U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East of Gymnasium	SSHS-B99	0-0.17	8/13/2014	<0.0011U	<0.00073U	<0.00084U	<0.00082U	<0.00085U	**0.28**	<0.00064U	<0.34J	**9100**	<0.24UJ	**7.7**	**97B**	**0.49**	<0.6U	**8200**	**15**	**8**	**34**	**19,000**	**32**	**3900**	**470**	**0.068**	**40**
East of Gymnasium	SSHS-SS14	0-0	9/12/2000	<0.0063U	<0.0063U	<0.0063U	<0.0063U	**0.021**	<0.025U	<0.013U	<0.00126U	-	<1.26U	**5.35**	**110**	<0.628U	<0.628U	-	**16.2**	**9.36**	**862**	-	**78.6**	-	-	**0.157**	**31.4**
East of Gymnasium	SSHS-SS14-A	0-0.17	7/21/2014	-	-	-	-	-	-	-	-	**8200**	<0.21UJ	**6.4**	**94**	**0.43**	<0.027J	**4500J**	**11**	**7.9**	**13**	**17,000**	**15**	**3500**	**440**	**0.2**	**18**
Football Field	SSHS-FB10	0-0.17	7/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB5	0-0.25	8/14/2000	<0.0072U	<0.0072U	<0.0072U	<0.0072U	<0.0072U	<0.029U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB5-3N	0-0.25	8/14/2000	<0.0069U	<0.0069U	<0.0069U	<0.0069U	<0.0069U	<0.027U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB5-4N	0-0.25	8/14/2000	<0.0074U	<0.0074U	<0.0074U	<0.0074U	<0.0074U	<0.03U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB5-A	0-0.17	7/21/2014	<0.00097U	<0.00067U	<0.00077U	<0.00075U	<0.00078U	<0.0057U	<0.00059U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB5-B	0-0.17	7/21/2014	<0.0011U	<0.00079U	<0.0031U	<0.00089U	<0.00092U	**0.097**	<0.00069U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB5-C	0-0.17	7/21/2014	<0.0013U	<0.00088U	<0.006U	<0.00099U	<0.001U	**0.24**	<0.00077U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB5-D	0-0.17	7/21/2014	<0.001U	<0.0007U	<0.0008U	<0.00078U	<0.00081U	<0.0059U	<0.00061U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB5-E	0-0.17	7/21/2014	<0.00096U	<0.00066U	<0.00076U	<0.00074U	<0.00077U	<0.0056U	<0.00058U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB6	0-0.25	8/14/2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 8B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Pesticides						SVOCs																					
				Potassium	Selenium	Vanadium	Zinc	Chlordane (trans)	DDT	Dieldrin	Endrin	2-methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl) phthalate	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	N-nitrosodi-n-propylamine	Phenanthrene	Pyrene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				530	0.32	5.3	2.1	0.00039	0.0003	0.00034	0.00038	0.0072	0.0077	0.0086	0.008	0.0086	0.0082	0.0086	0.0081	0.0086	0.065	0.0075	0.0086	0.0086	0.0042	0	0.0086	0.0084	0.0069	0.001	0.0086	0
Restricted Residential SCO					180		10000		7.9	0.2	11		100	100	100	1	1	1	100	3.9			3.9	0.33	59	100	100	0.5	100		100	100
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																													
Athletic Field	SSHS-B10	0-0.25	5/10/2000	-	<0.71U	-	**77.8**	-	<0.0047U	<0.0024U	<0.0024U	-	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	-	-	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	-	<0.47U	<0.47U
Athletic Field	SSHS-B11	0-0.25	5/10/2000	-	<0.63U	-	**70.3**	-	<0.0043U	<0.0022U	<0.0022U	-	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	-	-	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	-	<0.43U	<0.43U
Athletic Field	SSHS-B12	0-0.25	5/10/2000	-	<0.64UW	-	**61.4**	-	<0.0042U	<0.0022U	<0.0022U	-	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	-	-	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	-	<0.42U	<0.42U
Athletic Field	SSHS-B13	0-0.25	5/10/2000	-	<0.65U	-	**79.6**	-	<0.0044U	<0.0023U	<0.0023U	-	<4.4U	<4.4U	<4.4U	<4.4U	<4.4U	<4.4U	**0.95J**	<4.4U	-	-	**0.46J**	<4.4U	**0.66J**	**0.49J**	<4.4U	<4.4U	**1.8J**	-	**1.4J**	**0.46J**
Athletic Field	SSHS-B39	0-0	9/12/2000	-	**0.871**	**17**	**56.3**	-	<0.042U	<0.021U	<0.021U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U
Athletic Field	SSHS-B40	0-0	9/12/2000	-	**1.15**	**17.2**	**77.7**	-	<0.041U	<0.021U	<0.021U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U
Athletic Field	SSHS-B41	0-0	9/12/2000	-	<0.591U	**16.3**	**71.6**	-	<0.0039U	<0.002U	<0.002U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U
Athletic Field	SSHS-B42	0-0	9/12/2000	-	<0.59U	**16.5**	**70.4**	-	<0.0041U	<0.0021U	<0.0021U	<0.41U	<0.41U	<0.41U	<0.41U	**0.11J**	**0.13J**	**0.12J**	**0.11J**	**0.13J**	<0.41U	<0.41U	**0.13J**	<0.41U	<0.41U	**0.17J**	<0.41U	**0.11J**	<0.41U	<0.41U	**0.068J**	**0.2J**
Athletic Field	SSHS-B42-A	0-0.17	8/15/2014	**1000**	<0.33U	**15**	**58B**	<0.0004U	<0.0012J	<0.00034U	<0.00052J	**0.091**	<0.0077U	**0.18**	**0.092**	**0.37**	**0.41**	**0.56**	**0.43**	**0.28**	<0.065U	<0.018J	**0.48**	**0.095**	<0.04U	**0.5**	<0.011J	**0.34**	**0.13**	<0.0095U	**0.14**	**0.56**
Athletic Field	SSHS-B43	0-0	9/12/2000	-	**0.879**	**11.8**	**48.1**	-	<0.037U	<0.019U	<0.019U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U
Athletic Field	SSHS-B43-A	0-0.17	8/15/2014	**1100**	<0.42J	**15**	**100B**	<0.0021U	**0.0045**	<0.00034U	**0.0024**	<0.0074U	<0.0079U	<0.0094U	<0.008U	<0.028J	<0.026J	<0.029J	<0.021J	<0.017J	<0.066U	<0.0075U	<0.027J	<0.0091U	<0.04U	<0.035J	<0.011U	<0.019J	<0.0071U	<0.0096U	<0.017J	<0.034J
Athletic Field	SSHS-B44	0-0	9/13/2000	-	**0.81**	**18.9**	**62.6**	-	<0.042U	<0.022U	<0.022U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U
Athletic Field	SSHS-B45	0-0	9/13/2000	-	<0.63U	**17.5**	**63.1**	-	<0.0043U	<0.0022U	<0.0022U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	**0.047J**	<0.43U	<0.43U	**0.057J**	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	**0.059J**
Athletic Field	SSHS-B46	0-0	9/13/2000	-	<0.656U	**16**	**57.1**	-	<0.043U	<0.022U	<0.022U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U
Athletic Field	SSHS-B47	0-0	9/13/2000	-	<0.63U	**16**	**63**	-	<0.0043U	<0.0022U	<0.0022U	<0.43U	<0.43U	**0.44**	**0.37J**	**1.1**	**1.4**	**1.1**	**1.2**	**1.1**	<0.43U	**0.054J**	**1.3**	**0.36J**	<0.43U	**1.3**	<0.43U	**1**	<0.43U	<0.43U	**0.28J**	**1.6**
Athletic Field	SSHS-B47-A	0-0.17	7/21/2014	-	-	-	-	-	-	-	-	**0.032**	**0.015**	**0.37**	**0.29**	**0.9**	**0.84**	**1.1**	**0.82**	**0.48**	<0.035J	**0.056**	**1.1**	**0.22**	<0.018J	**1.5**	**0.044**	**0.7**	**0.049**	<0.0018U	**0.48**	**1.3**
Athletic Field	SSHS-B48	0-0	9/13/2000	-	**0.883**	**18.1**	**55.8**	-	<0.044U	<0.023U	<0.023U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U
Athletic Field	SSHS-B50	0-0	9/13/2000	-	**1.57**	**17.9**	**64.1**	-	<0.042U	<0.022U	<0.022U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U
Athletic Field	SSHS-B51	0-0	9/13/2000	-	<0.558U	**27.6**	**26.6**	-	<0.0037U	<0.0019U	<0.0019U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U
Athletic Field	SSHS-B52	0-0	9/13/2000	-	<0.66U	**17.6**	**67.9**	-	<0.0046U	<0.0024U	<0.0024U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	**0.049J**	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U
Athletic Field	SSHS-B53	0-0	9/13/2000	-	**1.62**	**16.6**	**68.7**	-	<0.0044U	<0.0023U	<0.0023U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U
Athletic Field	SSHS-B54	0-0	9/13/2000	-	**1.47**	**19.9**	**84.4**	-	<0.0044U	<0.0023U	<0.0023U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U
Athletic Field	SSHS-B55	0-0	9/13/2000	-	**0.7**	**16.5**	**77.3**	-	<0.0046U	<0.0024U	<0.0024U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	**0.056J**	<0.46U	<0.46U	**0.067J**	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	**0.061J**
Athletic Field	SSHS-B56	0-0	9/13/2000	-	**1.18**	**14.7**	**67.4**	-	<0.0042U	<0.0022U	<0.0022U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	**0.044J**	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U
Athletic Field	SSHS-B57	0-0	9/13/2000	-	<0.59U	**17**	**66**	-	<0.004U	<0.0021U	<0.0021U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	**0.63**	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	**0.43**
Athletic Field	SSHS-B58	0-0	9/13/2000	-	**0.967**	**33.4**	**25.5**	-	<0.0038U	<0.0019U	<0.0019U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U
Athletic Field	SSHS-B59	0-0	9/13/2000	-	**0.962**	**20.5**	**67.5**	-	<0.039U	<0.02U	<0.02U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U
Athletic Field	SSHS-SS10	0-0	9/12/2000	-	**1.02**	**15.4**	**72.6**	-	<0.0037U	<0.0019U	<0.0019U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	**0.56**	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	**0.44**
Athletic Field	SSHS-SS11	0-0	9/12/2000	-	**0.732**	**16.6**	**70.1**	-	<0.0037U	<0.0019U	<0.0019U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	**0.38**	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U
Athletic Field	SSHS-SS3	0-0.25	5/10/2000	-	<0.68U	-	**62.7**	-	<0.0046U	<0.0024U	<0.0024U	-	<0.46U	<0.46U	<0.46U	<0.46U	**0.081J**	**0.097J**	**0.094J**	**0.074J**	-	-	**0.059J**	<0.46U	<0.46U	**0.059J**	<0.46U	**0.075J**	<0.46U	-	<0.46U	**0.065J**
A-Wing	SSHS-B15	0-0.25	5/10/2000	-	<0.63UW	-	**68.8**	-	<0.0043U	<0.0022U	<0.0022U	-	<0.43U	<0.43U	<0.43U	<0.43U	**0.14J**	**0.16J**	**0.17J**	**0.14J**	**0.15J**	-	-	**0.2J**	**0.043J**	<0.43U	**0.28J**	<0.43U	**0.12J**	<0.43U	-	**0.11J**	**0.29J**
A-Wing	SSHS-B15	0-0.25	7/11/2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A-Wing	SSHS-B15	0-0.25	7/27/2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A-Wing	SSHS-SS13	0-0	9/12/2000	-	**1.26**	**11.6**	**58.3**	-	<0.0039U	<0.002U	<0.002U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	**0.6**	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	**0.41**
Cafeteria	SSHS-B21	0-0	5/9/2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.055J**	-	-	-	-	-	**0.056J**
Cafeteria	SSHS-B21	0-0.25	5/9/2000	-	<0.6U	-	**88.3N**	-	<0.004U	<0.002U	<0.002U	-	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	-	-	<0.4U	<0.4U	<0.4U	**0.055J**	<0.4U	<0.4U	<0.4U	-	<0.4U	**0.056J**
East of Gymnasium	SSHS-B25	0-0.25	5/9/2000	-	<0.57U	-	**63.7N**	-	<0.0038U	<0.002U	<0.002U	-	<0.38U	<0.38U	<0.38U	<0.38U	**0.041J**	**0.041J**	<0.38U	**0.039J**	-	-	**0.047J**	<0.38U	<0.38U	**0.074J**	<0.38U	<0.38U	<0.38U	-	<0.38U	**0.057J**
East of Gymnasium	SSHS-B25	0-0.25	7/11/2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East of Gymnasium	SSHS-B25	0-0.25	7/27/2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East of Gymnasium	SSHS-B26-A	0-0.17	8/14/2014	**1100**	<0.37J	**14**	**63B**	<0.0047U	**0.0067**	<0.00038U	<0.0034U	<0.0081U	<0.0087U	<0.01U	<0.0088U	<0.053J	<0.066J	**0.092**	<0.074J	<0.042J	<0.073U	<0.0083U	<0.074J	<0.01U	<0.044U	**0.12**	<0.012U	<0.061J	<0.0078U	<0.011U	<0.043J	**0.095**
East of Gymnasium	SSHS-B28	0-0.25	5/9/2000	-	<0.59U	-	**77.2N**	-	<0.004U	<0.0021U	<0.0021U	-	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	-	-	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	-	<0.4U	**0.042J**
East of Gymnasium	SSHS-B29	0-0.25	7/11/2000	-	-	-	-	-	<0.0038U	<0.002U	<0.002U	-	<0.38U	<0.38U	<0.38U	<0.38U	**0.045J**	**0.047J**	**0.04J**	**0.043J**	-	-	**0.057J**	<0.38U	<0.38U	**0.071J**	<0.38U	<0.38U	<0.38U	-	<0.38U	**0.072J**
East of Gymnasium	SSHS-B29-A	0-0.17	8/13/2014	**1100**	<0.79J	**14**	**69B**	<0.016U	**0.021**	**0.0031**	<0.011U	<0.0089J	<0.0084U	<0.01U	<0.022J	<0.083J	<0.076J	<0.073J	<0.06J	<0.071J	<0.1J	<0.0081U	**0.11**	<0.0097U	<0.043U	**0.19**	<0.012U	<0.049J	<0.0075U	<0.01U	**0.1**	**0.17**
East of Gymnasium	SSHS-B30	0-0.25	7/11/2000	-	-	-	-	-	<0.0038U	<0.002U	<0.002U	-	<0.38U	<0.38U	<0.38U	**0.1J**	**0.16J**	**0.17J**	**0.12J**	**0.19J**	-	-	**0.12J**	<0.38U	<0.38U	**0.24J**	<0.38U	**0.12J**	<0.38U	-	**0.08J**	**0.25J**
East of Gymnasium	SSHS-B99	0-0.17	8/13/2014	**860B**	<0.32U	**13B**	**82B**	<0.0062U	**0.013**	**0.0029**	<0.0074U	<0.0078U	<0.0083U	<0.024J	<0.029J	**0.19**	**0.24**	**0.33**	**0.24**	**0.13**	<0.18J	<0.021J	**0.27**	<0.064J	<0.043U	**0.44**	<0.011U	**0.2**	<0.0075U	<0.01U	**0.15**	**0.34**
East of Gymnasium	SSHS-SS14	0-0	9/12/2000	-	**1.22**	**16.5**	**151**	-	<0.041U	<0.021U	<0.021U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U
East of Gymnasium	SSHS-SS14-A	0-0.17	7/21/2014	**710**	<0.33J	**12**	**55B**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB10	0-0.17	7/22/2014	-	-	-	-	-	-	-	-	<0.0066J	<0.0056J	**0.014**	**0.023**	**0.076**	**0.068**	**0.088**	**0.058**	**0.031**	**0.094**	**0.0094**	**0.086**	**0.015**	<0.0042U	**0.14**	<0.0057J	**0.051**	<0.0078J	<0.001U	**0.071**	**0.094**
Football Field	SSHS-FB5	0-0.25	8/14/2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB5-3N	0-0.25	8/14/2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB5-4N	0-0.25	8/14/2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB5-A	0-0.17	7/21/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB5-B	0-0.17	7/21/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB5-C	0-0.17	7/21/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB5-D	0-0.17	7/21/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB5-E	0-0.17	7/21/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB6	0-0.25	8/14/2000	-	-	-	-	-	-	-	-	-	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	-	-	**0.046J**	<0.44U	<0.44U	**0.058J**	<0.44U	<0.44U	<0.44U	-	<0.44U	**0.067J**

TABLE 8B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				VOCs							Inorganics	Metals																
				1,1-dichloroethene	Chloroform	Dichloromethane	Trichloroethene	Tetrachloroethene	Acetone	Carbon disulfide	Cyanide Total	Aluminium	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (III+VI)	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00095	0.00065	0.00075	0.00074	0	0.0056	0.00057	0.18	21	0.21	1.1	21	0.43	0.016	530	0.53	5.3	2.7	11	1.1	530	1.6	0.033	4.3
Restricted Residential SCO				100	49	100	21	19	100		27			16	400	72	4.3		110		270		400		2000	0.81	310
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																									
Football Field	SSHS-FB6-A	0-0.17	7/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB9-A	0-0.17	7/22/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-SS1	0-0.25	5/10/2000	<0.0076U	<0.0076U	<0.0076U	<0.0076U	**0.082**	<0.03U	-	<1.51U	-	-	**6.2**	**111**	<0.74U	<0.74U	-	**88.1**	-	**24.8**	-	**30.3**	-	-	<0.07U	**20.7**
Football Field	SSHS-SS1	0-0.25	7/11/2000	<0.0065U	<0.0065U	<0.0065U	<0.0065U	<0.0065U	<0.026U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-SS1	0-0.25	7/27/2000	<0.0067U	<0.0067U	<0.0067U	<0.0067U	<0.0067U	<0.027U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-SS2	0-0.25	5/10/2000	<0.0071U	<0.0071U	<0.0071U	<0.0071U	**0.023**	<0.028U	-	<1.41U	-	-	**5.3**	**124**	<0.69U	<0.69U	-	**107**	-	**25.6**	-	**26.2**	-	-	<0.07U	**25.8**
Football Field	SSHS-SS2	0-0.25	7/11/2000	<0.0065U	<0.0065U	<0.0065U	<0.0065U	<0.0065U	<0.026U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-SS2	0-0.25	7/27/2000	<0.0066U	<0.0066U	<0.0066U	<0.0066U	<0.0066U	<0.026U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-SS5	0-0	9/12/2000	<0.0068U	<0.0068U	<0.0068U	<0.0068U	**0.0079**	<0.027U	<0.014U	<0.00136U	-	<1.36U	**5.28**	**97.4**	<0.682U	<0.682U	-	**89.5**	**9.22**	**28.2**	-	**20.5**	-	-	**0.158**	**21.1**
Football Field	SSHS-SS6	0-0	9/12/2000	<0.0071U	<0.0071U	<0.0071U	<0.0071U	<0.0071U	<0.028U	<0.014U	<0.00142U	-	<1.42U	**5.58**	**95.8**	<0.708U	<0.708U	-	**103**	**9.35**	**26.6**	-	**21.5**	-	-	**0.0812**	**21.5**
Football Field	SSHS-SS7	0-0	9/12/2000	<0.0067U	<0.0067U	<0.0067U	<0.0067U	**0.036**	**0.011J**	<0.013U	<0.00134U	-	<1.31UN	**7**	**93.4**	<0.66U	**0.72**	-	**73.9**	**9**	**25.8N**	-	**59.1**	-	-	**0.0934**	**20.5**
Football Field	SSHS-SS8	0-0	9/12/2000	<0.0071U	<0.0071U	<0.0071U	<0.0071U	**0.01**	<0.029U	<0.014U	<0.00143U	-	<1.43U	**4.01**	**105**	<0.714U	<0.714U	-	**74.6**	**9.67**	**24.4**	-	**21**	-	-	**0.164**	**22.4**
Football Field	SSHS-SS9	0-0	9/12/2000	<0.0068U	<0.0068U	<0.0068U	<0.0068U	**0.037**	<0.027U	<0.014U	<0.00136U	-	<1.36U	**4.62**	**102**	<0.682U	**0.745**	-	**106**	**9.86**	**27.6**	-	**22.8**	-	-	**0.142**	**23.3**
Football Field North	SSHS-B49	0-0	9/13/2000	<0.0062U	<0.0062U	<0.0062U	<0.0062U	<0.0062U	<0.025U	<0.012U	<0.00125U	-	<1.25U	**5.62**	**106**	**0.688**	<0.624U	-	**16.9**	**10.3**	**17.4**	-	**18.6**	-	-	**0.132**	**21.8**
Football Field North	SSHS-SS4	0-0.25	5/11/2000	<0.0065U	**0.0021J**	<0.0065U	<0.0065U	**0.004J**	<0.026U	-	<1.3U	-	-	**6.8**	**110**	<0.65U	<0.65U	-	**20.8**	-	**20.5**	-	**23.5**	-	-	<0.06U	**21.3**
Football Field SE	SSHS-B33	0-0.25	5/9/2000	<0.0053U	**0.0013J**	**0.0032J**	<0.0053U	**0.0072**	<0.021U	-	<1.06U	-	-	**5.6N***	**99.8**	<0.53U	<0.53U	-	**11**	-	**15.8N***	-	**13.1N***	-	-	<0.05UN	**18.8N**
Football Field SW	SSHS-B8	0-0.25	5/11/2000	<0.0063U	**0.0015J**	<0.0063U	<0.0063U	**0.015**	<0.025U	-	<1.25U	-	-	**6.4**	**116**	<0.61U	<0.61U	-	**13.8**	-	**17.1**	-	**17.3**	-	-	<0.06U	**22.3**
F-Wing	SSHS-B92	0-0.17	8/12/2014	<0.0011U	<0.00073U	<0.00084U	<0.0013J	<0.00085U	<0.0063U	<0.00064U	<0.29J	**9000**	<0.28U	**7.2**	**80B**	<0.46J	<0.71U	**2200B**	**14**	**7.5**	**16**	**19,000**	**18**	**2500**	**420**	<0.038J	**18B**
F-Wing	SSHS-B93	0-0.17	8/12/2014	<0.00096U	<0.00066U	<0.00076U	<0.00074U	<0.00077U	<0.0056U	<0.00058U	<0.23J	**9700**	<0.24U	**7.4**	**94B**	**0.5**	<0.61U	**2200B**	**13**	**8.5**	**16**	**20,000**	**18**	**2700**	**460**	<0.032J	**20B**
F-Wing	SSHS-B94	0-0.17	8/12/2014	<0.0012U	<0.00081U	<0.00093U	<0.00091U	<0.00094U	**0.09**	<0.00071U	<0.21U	**9900**	<0.26U	**8.6**	**99B**	**0.51**	<0.64U	**2200B**	**14**	**8.5**	**17**	**20,000**	**18**	**2800**	**480**	<0.036J	**19B**
F-Wing	SSHS-B95	0-0.17	8/12/2014	<0.0011U	<0.00075U	<0.00086U	<0.00084U	<0.00087U	<0.0064U	<0.00066U	**1.3**	**10,000**	<0.27U	**7.8**	**99**	<0.52J	<0.67U	**2400**	**14**	**8.8**	**16**	**20,000**	**19**	**2900**	**500**	<0.03J	**20B**
F-Wing	SSHS-B96	0-0.17	8/12/2014	<0.059U	<0.056U	<0.06U	<0.044U	<0.046U	**1.1**	<0.059U	<0.3J	**12,000**	<0.24U	**8.4**	**91B**	**0.56**	<0.61U	**1700B**	**14**	**9.6**	**16**	**22,000**	**20**	**3100**	**540**	<0.031J	**22B**
F-Wing	SSHS-B98	0-0.17	8/13/2014	<0.067U	<0.063U	<0.068U	<0.05U	<0.052U	**1.2**	<0.067U	<0.28J	**9200**	<0.27U	**8.3**	**110B**	<0.49J	<0.69U	**3900**	**15**	**8.1**	**26**	**20,000**	**67**	**2900**	**460**	**0.045**	**44**
K-Wing	SSHS-B97	0-0.17	8/13/2014	<0.001U	<0.0007U	<0.0008U	<0.00079U	<0.00081U	<0.006U	<0.00061U	<0.19U	**11,000**	<0.26U	**8.2**	**88B**	**0.55**	<0.66U	**2300**	**14**	**9.3**	**15**	**21,000**	**15**	**3000**	**500**	<0.032J	**20**
Main Parking Lot	SSHS-B74	0-0.17	8/13/2014	<0.0011U	<0.00074U	<0.00085U	<0.00083U	<0.00086U	<0.0063U	<0.00065U	<0.19U	**9900**	<0.24U	**8**	**110B**	**0.49**	<0.13J	**2200B**	**13**	**8.6**	**19**	**20,000B**	**23**	**2800B**	**570**	<0.036J	**26**
Main Parking Lot	SSHS-B91	0-0.17	8/13/2014	<0.0012U	<0.00082U	<0.00094U	<0.00092U	<0.00095U	**0.15**	<0.00072U	<0.2U	**7100**	<0.26U	**8.4**	**72B**	<0.38J	<0.25J,B	**7700**	**20**	**6.6**	**24**	**17,000**	**73**	**2900**	**440**	<0.035J	**16**
Rear Parking Lot	SSHS-B23	0-0.25	5/9/2000	<0.0059U	**0.0014J**	<0.0059U	<0.0059U	**0.015**	<0.023U	-	<1.17U	-	-	**5.5N***	<113U	<0.58U	<0.58U	-	<15.7U	-	**21.9N***	-	<25.4N*	-	-	<0.06U	<25N
Rear Parking Lot	SSHS-B24	0-0.25	5/9/2000	<0.006U	**0.0014J**	<0.006U	<0.006U	**0.055**	<0.024U	-	<1.19U	-	-	**4.4N***	<141U	<0.57U	<0.57U	-	**21.1**	-	**35.3N***	-	**31.7N***	-	-	<0.06UN	**25.9N**
Rear Parking Lot	SSHS-B24	0-0.25	7/27/2000	<0.0062U	<0.0062U	<0.0062U	<0.0062U	<0.0062U	<0.025U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B35	0-0.25	5/9/2000	<0.0062U	**0.0017J**	<0.0062U	<0.0062U	**0.019**	<0.025U	-	<1.24U	-	-	**4.6N***	<131U	<0.61U	<0.61U	-	**18.7**	-	**19.7N***	-	**34.1N***	-	-	<0.06UN	**22.4N**
South of Athletic Stands	SSHS-B70	0-0.17	8/14/2014	<0.001U	<0.00071U	<0.00081U	<0.00079U	<0.00082U	<0.006U	<0.00062U	<0.64U	**11,000**	<0.25U	**8.5**	**110**	**0.58**	<0.018U	**2200**	**14**	**9**	**18**	**21,000B**	**23**	**2800**	**650**	<0.032J	**20**
South of Athletic Stands	SSHS-SS12	0-0	9/12/2000	<0.006U	<0.006U	<0.006U	<0.006U	**0.013**	<0.024U	<0.012U	<0.0012U	-	<1.2U	**5.25**	**119**	<0.601U	<0.601U	-	**14.6**	**8.87**	**18**	-	**22.1**	-	-	<0.0601U	**21**
Tennis Court	SSHS-B14	0-0.25	5/10/2000	<0.0065U	**0.0029J**	<0.0065U	<0.0065U	**0.025**	<0.026U	-	<1.3U	-	-	**6.2**	**114**	<0.64U	<0.64U	-	**12.3**	-	**14.8**	-	**17.9**	-	-	<0.06U	**19.3**
Tennis Court	SSHS-B37	0-0	9/12/2000	<0.0056U	<0.0056U	<0.0056U	<0.0056U	**0.016**	**0.0069J**	<0.011U	<0.00111U	-	<1.1UN	**3.5**	**59.4**	<0.54U	<0.54U	-	**5.8**	**8.3**	**6.8N**	-	**9.7**	-	-	<0.05U	**7.6**
Tennis Court	SSHS-B38	0-0	9/12/2000	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.023U	<0.012U	<0.00116U	-	<1.16U	**5.16**	**108**	**0.588**	<0.578U	-	**20.7**	**9.66**	**18.8**	-	**23.2**	-	-	<0.0578U	**21**
Tennis Court	SSHS-B405	0-0.17	8/25/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tennis Court	SSHS-B406	0-0.17	8/25/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tennis Court	SSHS-B72	0-0.17	8/15/2014	<0.001U	<0.0007U	<0.0008U	<0.00079U	<0.00081U	<0.006U	<0.00061U	<0.52J	**11,000**	<0.23U	**8.4**	**100**	**0.55**	<0.11J	**2100**	**14**	**9.3**	**16**	**20,000**	**18**	**3100**	**490**	<0.033J	**21B**
Tennis Court	SSHS-B75	0-0.17	8/14/2014	<0.0011U	<0.00076U	<0.00088U	<0.00086U	<0.00089U	<0.0065U	<0.00067U	<0.24J	**11,000**	<0.27U	**8.4**	**110**	**0.56**	<0.13J	**3900**	**17**	**9.5**	**16**	**21,000**	**16**	**3400**	**550**	<0.041J	**21**
Tennis Court	SSHS-B76	0-0.17	8/14/2014	<0.0013U	<0.00087U	<0.001U	<0.00097U	<0.001U	<0.0074U	<0.00076U	<0.18U	**8400**	<0.24U	**7.3**	**81**	<0.45J	<0.017U	**7000**	**11**	**7.5**	**18**	**19,000**	**14**	**3400**	**490**	**0.041**	**16**
Tennis Court	SSHS-B77	0-0.17	8/14/2014	<0.0011U	<0.00077U	<0.00089U	<0.00087U	<0.0009U	<0.0066U	<0.00068U	<0.28J	**9000**	<0.33J	**6.6**	**92**	**0.46**	<0.016U	**21,000**	**11**	**7.8**	**13**	**17,000**	**11**	**3200**	**520**	<0.033J	**16**
Tennis Courts	SSHS-B36	0-0	9/12/2000	<0.0057U	<0.0057U	<0.0057U	<0.0057U	**0.011**	<0.023U	<0.011U	<0.00113U	-	<1.13U	**5.91**	**80.4**	<0.566U	<0.566U	-	**10.9**	**6.43**	**15.6**	-	**24.2**	-	-	**0.0618**	**14.3**
				2	12	1	2	27	10	1	2	20	1	71	69	20	7	20	70	53	72	20	71	20	20	20	71

Notes:
J: estimated value
U: non-detect
N*: identification is based on presumptive evidence
mg/kg: milligrams per kilogram
- : not analyzed
EQL: Quantitation Limit
SVOCs: semi-volatile organic compounds
VOCs: volatile organic compounds
SCOs Restricted Residential Soil Cleanup Objectives presented in 6 New York State Department of Environmental Conservation Subpart 375
Only consituents with at least one detection are shown.
Detections are presented in bold.
Concentrations detected above the Restricted Residential Soil Cleanup Objectives (SCOs) presented in 6 NYCRR Subpart 375 are shown in gray.

TABLE 8B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

							Pesticides				SVOCs																						
				Potassium	Selenium	Vanadium	Zinc	Chlordane (trans)	DDT	Dieldrin	Endrin	2-methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl) phthalate	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	N-nitrosodi-n-propylamine	Phenanthrene	Pyrene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				530	0.32	5.3	2.1	0.00039	0.0003	0.00034	0.00038	0.0072	0.0077	0.0086	0.008	0.0086	0.0082	0.0086	0.0081	0.0086	0.065	0.0075	0.0086	0.0086	0.0042	0	0.0086	0.0084	0.0069	0.001	0.0086	0
Restricted Residential SCO					180		10000		7.9	0.2	11		100	100	100	1	1	1	100	3.9			3.9	0.33	59	100	100	0.5	100		100	100
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																													
Football Field	SSHS-FB6-A	0-0.17	7/22/2014	-	-	-	-	-	-	-	-	**0.018**	**0.06**	**0.035**	**0.13**	**0.22**	**0.19**	**0.21**	**0.14**	**0.096**	**0.12**	**0.051**	**0.22**	**0.043**	<0.031J	**0.44**	**0.052**	**0.13**	**0.03**	<0.001U	**0.33**	**0.28**
Football Field	SSHS-FB9-A	0-0.17	7/22/2014	-	-	-	-	-	-	-	-	**0.01**	<0.0028J	**0.023**	**0.021**	**0.057**	**0.064**	**0.086**	**0.066**	**0.033**	<0.059J	<0.007J	**0.073**	**0.017**	<0.0042J	**0.11**	<0.0017J	**0.057**	**0.013**	<0.001U	**0.037**	**0.074**
Football Field	SSHS-SS1	0-0.25	5/10/2000	-	<0.76U	-	**90.6**	-	<0.0026U	<0.0026U	<0.0026U	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	-	-	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	-	<0.5U	<0.5U
Football Field	SSHS-SS1	0-0.25	7/11/2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-SS1	0-0.25	7/27/2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-SS2	0-0.25	5/10/2000	-	<0.7U	-	**92.6**	-	<0.0047U	<0.0024U	<0.0024U	-	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	-	-	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	-	<0.47U	<0.47U
Football Field	SSHS-SS2	0-0.25	7/11/2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-SS2	0-0.25	7/27/2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-SS5	0-0	9/12/2000	-	**1.58**	**17.2**	**83.2**	-	<0.0045U	<0.0023U	<0.0023U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U
Football Field	SSHS-SS6	0-0	9/12/2000	-	**1.44**	**17**	**85.6**	-	<0.0047U	<0.0024U	<0.0024U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U
Football Field	SSHS-SS7	0-0	9/12/2000	-	<0.67U	**15.5**	**81.5**	-	<0.0044U	<0.0023U	<0.0023U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	**0.048J**	<0.44U	<0.44U	**0.05J**	<0.44U	**0.045J**	<0.44U	<0.44U	**0.071J**	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	**0.056J**
Football Field	SSHS-SS8	0-0	9/12/2000	-	**1.07**	**17.4**	**77**	-	<0.0047U	<0.0024U	<0.0024U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U
Football Field	SSHS-SS9	0-0	9/12/2000	-	**1.43**	**18.6**	**86.5**	-	<0.0045U	<0.0023U	<0.0023U	<0.45U	-	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U
Football Field North	SSHS-B49	0-0	9/13/2000	-	**0.84**	**19.4**	**70.8**	-	<0.041U	<0.021U	<0.021U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U
Football Field North	SSHS-SS4	0-0.25	5/11/2000	-	<0.65U	-	**68**	-	<0.0043U	<0.0022U	<0.0022U	-	<0.43U	<0.43U	<0.43U	<0.43U	**0.05J**	**0.046J**	**0.046J**	<0.43U	-	-	**0.046J**	<0.43U	<0.43U	**0.084J**	<0.43U	<0.43U	<0.43U	-	<0.43U	**0.066J**
Football Field SE	SSHS-B33	0-0.25	5/9/2000	-	<0.52U	-	**58.6N**	-	<0.0035U	<0.0018U	<0.0018U	-	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	-	-	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	-	<0.35U	<0.35U
Football Field SW	SSHS-B8	0-0.25	5/11/2000	-	<0.61U	-	**62.5**	-	<0.0041U	<0.0021U	<0.0021U	-	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	-	-	<0.41U	<0.41U	<0.41U	**0.049J**	<0.41U	<0.41U	<0.41U	-	<0.41U	<0.41U
F-Wing	SSHS-B92	0-0.17	8/12/2014	**770**	<0.45J	**11**	**62B**	<0.0025U	<0.0025U	<0.0025U	<0.0025U	<0.0089U	<0.0095U	<0.011U	<0.048J	**0.42**	**0.48**	**0.73**	**0.42**	**0.21**	<0.41J	<0.038J	**0.51**	**0.1**	<0.048U	**0.93**	<0.013U	**0.36**	<0.0085U	<0.012U	**0.23**	**0.69**
F-Wing	SSHS-B93	0-0.17	8/12/2014	**710**	<0.33U	**12**	**59B**	<0.00045U	<0.00034U	<0.00038U	<0.00044U	<0.0081U	<0.0087U	<0.01U	<0.011J	<0.068J	<0.071J	**0.096**	<0.064J	<0.039J	<0.073U	<0.0083U	<0.077J	<0.017J	<0.044U	**0.14**	<0.012U	<0.055J	<0.0078U	<0.011U	<0.049J	**0.11**
F-Wing	SSHS-B94	0-0.17	8/12/2014	**960**	<0.34U	**12**	**63B**	<0.00046U	<0.00035U	<0.00039U	<0.0024U	<0.0084U	<0.009U	<0.011U	<0.02J	**0.17**	**0.21**	**0.32**	**0.18**	<0.089J	<0.22J	<0.017J	**0.21**	<0.053J	<0.046U	**0.39**	<0.012U	**0.16**	<0.0081U	<0.011U	<0.088J	**0.28**
F-Wing	SSHS-B95	0-0.17	8/12/2014	**910B**	<0.89J	**14**	**60B**	<0.00045U	<0.00034U	<0.00038U	<0.00062J	<0.0081U	<0.0087U	<0.01U	<0.0098J	**0.11**	**0.12**	**0.17**	**0.098**	<0.073J	<0.081J	<0.0096J	**0.13**	<0.01U	<0.045U	**0.22**	<0.012U	<0.081J	<0.0078U	<0.011U	<0.063J	**0.17**
F-Wing	SSHS-B96	0-0.17	8/12/2014	**830**	<0.61J	**15**	**61B**	<0.00074J	<0.0003U	<0.0021U	<0.00039U	<0.0072U	<0.012J	<0.0092U	<0.029J	**0.083**	**0.083**	**0.11**	<0.068J	<0.043J	<0.065U	<0.014J	**0.097**	<0.017J	<0.04U	**0.21**	<0.011U	<0.058J	<0.0069U	<0.0094U	**0.13**	**0.17**
F-Wing	SSHS-B98	0-0.17	8/13/2014	**1200B**	<0.67J	**13B**	**79B**	<0.0074U	**0.015**	<0.0023U	<0.007U	<0.016J	<0.0088U	<0.023J	<0.032J	**0.12**	**0.12**	**0.19**	**0.13**	<0.04J	<0.074U	<0.0084U	**0.14**	<0.034J	<0.045U	**0.24**	<0.012U	**0.1**	<0.0079U	<0.011U	**0.12**	**0.2**
K-Wing	SSHS-B97	0-0.17	8/13/2014	**920B**	<0.61J	**14B**	**56B**	<0.00044U	<0.00033U	<0.00037U	<0.00043U	<0.0081U	<0.0086U	<0.01U	<0.0088U	<0.025J	<0.029J	<0.04J	<0.029J	<0.018J	<0.072U	<0.0083U	<0.034J	<0.01U	<0.044U	<0.057J	<0.012U	<0.025J	<0.0077U	<0.011U	<0.014U	<0.045J
Main Parking Lot	SSHS-B74	0-0.17	8/13/2014	**900B**	<0.58J	**13**	**63B**	<0.00042U	<0.00032U	<0.0013J,p	<0.00042U	<0.0077U	<0.021J	<0.0098U	**0.1**	**0.68**	**0.71**	**1.1**	**0.61**	**0.38**	<0.069U	<0.062J	**0.85**	**0.16**	<0.042U	**1.5**	<0.023J	**0.57**	<0.0074U	<0.01U	**0.5**	**1.5**
Main Parking Lot	SSHS-B91	0-0.17	8/13/2014	**850B**	<0.61J	**12B**	**89B**	<0.00086J,p	<0.00033U	<0.00057J,p	<0.00097J,p	<0.019J	<0.086J	<0.1J	**0.58**	**4.1**	**4.3**	**6.3**	**4.5**	**2.2**	<0.88J	**0.5**	**5**	**0.88**	<0.088U	**9.4**	<0.13J	**3.9**	<0.015U	<0.021U	**2.9**	**7.1**
Rear Parking Lot	SSHS-B23	0-0.25	5/9/2000	-	<0.585U	-	**79N**	-	<0.0039U	<0.002U	<0.002U	-	<0.39U	**0.04J**	**0.093J**	**0.44**	**0.45**	**0.42**	**0.37J**	**0.41**	-	-	**0.54**	**0.13J**	<0.39U	**0.87**	<0.39U	**0.32J**	<0.39U	-	**0.34J**	**0.9**
Rear Parking Lot	SSHS-B24	0-0.25	5/9/2000	-	<0.59U	-	**99.1N**	-	<0.02U	<0.01U	<0.01U	-	<0.39U	<0.39U	<0.39U	**0.059J**	**0.077J**	**0.082J**	**0.073J**	**0.064J**	-	-	**0.093J**	<0.39U	<0.39U	**0.15J**	<0.39U	**0.061J**	<0.39U	-	**0.048J**	**0.13J**
Rear Parking Lot	SSHS-B24	0-0.25	7/27/2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B35	0-0.25	5/9/2000	-	<0.61U	-	**85.5N**	-	<0.0041U	<0.0021U	<0.0021U	-	<0.41U	<0.41U	<0.41U	**0.23J**	**0.27J**	**0.28J**	**0.25J**	**0.24J**	-	-	**0.32J**	**0.071J**	<0.41U	**0.59**	<0.41U	**0.23J**	<0.41U	-	**0.18J**	**0.44**
South of Athletic Stands	SSHS-B70	0-0.17	8/14/2014	**1100B**	<0.53J	**16**	**61B**	**0.0088**	**0.014**	<0.00036U	<0.0058U	<0.013J	<0.0082U	<0.044J	<0.036J	**0.13**	**0.15**	**0.2**	**0.15**	<0.081J	<0.069U	<0.0079U	**0.16**	<0.04J	<0.042U	**0.25**	<0.011U	**0.12**	<0.0074U	<0.01U	<0.076J	**0.21**
South of Athletic Stands	SSHS-SS12	0-0	9/12/2000	-	**1.06**	**15.6**	**64.4**	-	<0.004U	<0.002U	<0.002U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U
Tennis Court	SSHS-B14	0-0.25	5/10/2000	-	<0.64U	-	**58.4**	-	<0.0043U	**0.029**	<0.0022U	-	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	-	-	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	-	<0.43U	<0.43U
Tennis Court	SSHS-B37	0-0	9/12/2000	-	<0.54U	**6.6**	**27.7**	-	<0.0037U	<0.0019U	<0.0019U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	**0.045J**	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U
Tennis Court	SSHS-B38	0-0	9/12/2000	-	**1.64**	**17.2**	**70.5**	-	<0.038U	<0.02U	<0.02U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U
Tennis Court	SSHS-B405	0-0.17	8/25/2016	-	-	-	-	-	-	-	-	<0.0072U	<0.0077U	**0.11J**	**0.19J**	**0.64J**	**0.61J**	**0.72J**	**0.5**	**0.32**	<0.065U	**0.095**	**0.55J**	<0.0089U	<0.04UJ	**1.3**	<0.011U	**0.46**	**0.061J**	<0.0094U	**0.65**	**0.95J**
Tennis Court	SSHS-B406	0-0.17	8/25/2016	-	-	-	-	-	-	-	-	**0.026J**	<0.0082U	<0.0098U	**0.028J**	**0.18**	**0.21**	**0.28**	**0.18**	**0.15**	**0.13J**	**0.029J**	**0.23**	<0.0095U	<0.042U	**0.47**	<0.011U	**0.16**	**0.061J**	<0.01U	**0.15**	**0.31**
Tennis Court	SSHS-B72	0-0.17	8/15/2014	**900**	<0.5J	**15**	**60B**	<0.00039U	<0.00083J	<0.0012J	<0.00038U	<0.0096J	<0.0077U	<0.033J	**0.081**	**0.29**	**0.27**	**0.33**	**0.2**	**0.14**	<0.065U	<0.045J	**0.24**	<0.057J	<0.039U	**0.58**	<0.014J	**0.18**	<0.027J	<0.0094U	**0.32**	**0.47**
Tennis Court	SSHS-B75	0-0.17	8/14/2014	**880**	<0.36U	**15**	**69B**	<0.00042U	<0.00032U	<0.00036U	<0.00076J	<0.0077U	<0.0082U	<0.0098U	<0.0083U	<0.037J	<0.043J	<0.054J	<0.035J	<0.025J	<0.09J	<0.0079U	<0.045J	<0.0095U	<0.042U	<0.076J	<0.011U	<0.029J	<0.0074U	<0.01U	<0.029J	<0.058J
Tennis Court	SSHS-B76	0-0.17	8/14/2014	**840**	<1.2U	**12**	**69B**	<0.0021U	**0.0053**	<0.0012J	<0.0031U	<0.018J	<0.0078U	<0.0093U	<0.02J	**0.11**	**0.12**	**0.15**	**0.12**	<0.073J	<0.066U	<0.0075U	**0.12**	<0.0091U	<0.04U	**0.21**	<0.011U	**0.098**	<0.051J	**2**	<0.066J	**0.18**
Tennis Court	SSHS-B77	0-0.17	8/14/2014	**710**	<1.1U	**12**	**58B**	<0.0004U	<0.00031U	<0.00034U	<0.0004U	<0.0073U	<0.0078U	<0.0094U	<0.008U	<0.01U	<0.0082U	<0.013U	<0.0081U	<0.017U	<0.066U	<0.0075U	<0.0097U	<0.0091U	<0.04U	<0.037J	<0.011U	<0.0084U	<0.007U	<0.0096U	<0.013U	<0.033J
Tennis Courts	SSHS-B36	0-0	9/12/2000	-	**0.908**	**12.3**	**59.1**	-	<0.037U	<0.019U	<0.019U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U
				20	24	54	72	1	7	3	1	5	2	8	12	25	29	32	28	22	5	7	35	12	1	46	2	24	7	1	23	43

TABLE 9A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFAE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00067	0.00086	0.00077	0.00073	0.0017	0.0024	0.00064	0.00058	0.00098	
Restricted Residential SCO													1
NYS Hazardous Waste													50
Investigation Area	**Location**	**(ft bgs)**	**Sample Date**										
Athletic Field	SSHS-B11	1-3	5/10/2000	<0.038U	<0.038U	<0.038U	<0.038U	0.19	<0.038U	0.15	-	-	0.34
Athletic Field	SSHS-B12	1-4	5/10/2000	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	-	-	<0
Athletic Field	SSHS-B13	1-2	5/10/2000	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	-	-	<0
Athletic Field	SSHS-B39	0.5-2.5	9/12/2000	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	-	-	<0
Athletic Field	SSHS-B40	0.5-2.5	9/12/2000	<0.037U	<0.037U	<0.037U	<0.037U	1.2D	<0.037U	0.11	-	-	1.31
Athletic Field	SSHS-B40-A	0-2	7/14/2015	<0.0038U	<0.0047U	<0.0064U	<0.0047U	0.45J	0.38J	0.14J	<0.0037U	<0.0069U	0.97
Athletic Field	SSHS-B41	0.5-2.5	9/12/2000	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	-	-	<0
Athletic Field	SSHS-B42	0.5-2.5	9/12/2000	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	-	-	<0
Athletic Field	SSHS-B42-A	0.17-2	8/15/2014	<0.0029U	<0.0037U	<0.0033U	<0.0031U	0.055	<0.0027U	<0.0027U	<0.0025U	<0.0042U	0.055
Athletic Field	SSHS-B43	0.5-2.5	9/12/2000	<0.04U	<0.04U	<0.04U	<0.04U	0.39	<0.04U	<0.04U	-	-	0.39
Athletic Field	SSHS-B43-A	0.17-2	8/15/2014	<0.0028U	<0.0036U	<0.0033U	<0.0031U	0.41	<0.0027U	0.097	<0.0025U	<0.0042U	0.507
Athletic Field	SSHS-B44	0.5-2.5	9/13/2000	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	-	-	<0
Athletic Field	SSHS-B45	0.5-2.5	9/13/2000	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	-	-	<0
Athletic Field	SSHS-B46	0.5-2.5	9/13/2000	<0.037U	<0.037U	<0.037U	<0.037U	0.32	<0.037U	<0.037U	-	-	0.32
Athletic Field	SSHS-B48	0.5-2.5	9/13/2000	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	-	-	<0
Athletic Field	SSHS-B50	0.5-2.5	9/13/2000	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	-	-	<0
Athletic Field	SSHS-B51	0.5-2.5	9/13/2000	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	-	-	<0
Athletic Field	SSHS-B52	0.5-2.5	9/13/2000	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	-	-	<0
Athletic Field	SSHS-B53	0.5-2.5	9/13/2000	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	-	-	<0
Athletic Field	SSHS-B54	0.5-2.5	9/13/2000	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	-	-	<0
Athletic Field	SSHS-B55	0.5-2.5	9/13/2000	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	-	-	<0
Athletic Field	SSHS-B56	0.5-2.5	9/13/2000	<0.035U	<0.035U	<0.035U	<0.035U	<0.035U	<0.035U	<0.035U	-	-	<0
Athletic Field	SSHS-B57	0.5-2.5	9/13/2000	<0.035U	<0.035U	<0.035U	<0.035U	<0.035U	<0.035U	0.053	-	-	0.053
Athletic Field	SSHS-B572	0-2	8/30/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	<0.0042U	<0.0066U	<0.0061U	<0.0033U	<0.0055U	0
Athletic Field	SSHS-B58	0.5-2.5	9/13/2000	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	-	-	<0
Athletic Field	SSHS-B59	0.5-2.5	9/13/2000	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	-	-	<0
A-Wing	SSHS-B15	0.75-1	7/11/2000	<0.038U	<0.038U	<0.038U	<0.038U	0.042	<0.038U	<0.038U	-	-	0.042

TABLE 9A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFAE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00067	0.00086	0.00077	0.00073	0.0017	0.0024	0.00064	0.00058	0.00098	
Restricted Residential SCO													1
NYS Hazardous Waste													50
Investigation Area	**Location**	**(ft bgs)**	**Sample Date**										
A-Wing	SSHS-B15	1-1.5	7/27/2000	<0.037U	<0.037U	<0.037U	<0.037U	0.11	<0.037U	<0.037U	-	-	0.11
A-Wing	SSHS-B15-A	0.17-1	7/22/2014	<0.0033U	<0.0042U	<0.0038U	<0.0036U	4.6J	1.9J	<0.0031U	<0.0028U	<0.0048U	6.5
A-Wing	SSHS-B15-A	1-2	7/22/2014	<0.00067U	<0.00086U	<0.00077U	<0.00073U	0.4J	0.15J	<0.00064U	<0.00058U	<0.00098U	0.55
A-Wing	SSHS-B15-B	0.17-1	7/22/2014	<0.0066U	<0.0084U	<0.0075U	<0.0072U	4.3J	2J	<0.0063U	<0.0057U	<0.0097U	6.3
A-Wing	SSHS-B15-B	1-2	7/22/2014	<0.0013U	<0.0017U	<0.0015U	<0.0015U	0.088J	0.056J	<0.0013U	<0.0011U	<0.002U	0.144
A-Wing	SSHS-B15-C	0.17-1	7/22/2014	<0.0066U	<0.0085U	<0.0076U	<0.0072U	4J	1.7J	<0.0063U	<0.0057U	<0.0097U	5.7
A-Wing	SSHS-B15-C	1-2	7/22/2014	<0.0013U	<0.0017U	<0.0015U	<0.0015U	0.81J	0.33J	<0.0013U	<0.0012U	0.029J	1.169
A-Wing	SSHS-B243	0-2	7/30/2015	<0.0041U	<0.005U	<0.0069U	<0.005U	0.36J	0.23J	0.049J	<0.004U	<0.0074U	0.639
A-Wing	SSHS-B246	0-2	7/30/2015	<0.004U	<0.005U	<0.0068U	<0.005U	0.27J	0.19J	0.026J	<0.004U	<0.0073U	0.486
A-Wing	SSHS-B247	0-2	7/20/2015	<0.004U	<0.0048U	<0.0067U	<0.0049U	0.032J	0.018J	0.0057J	<0.0039U	<0.0072U	0.0557
A-Wing	SSHS-B248	0-2	7/20/2015	<0.0041U	<0.005U	<0.0069U	<0.005U	0.74J	0.35J	0.038J	<0.004U	<0.0074U	1.128
A-Wing	SSHS-B249	0-2	7/30/2015	<0.0041U	<0.005U	<0.0069U	<0.005U	0.021J	0.017J	0.0062J	<0.004U	<0.0074U	0.0442
A-Wing	SSHS-B250	0-2	7/30/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.57J	0.47J	0.095J	<0.0039U	<0.0071U	1.135
A-Wing	SSHS-B251	0-2	7/20/2015	<0.0042U	<0.0052U	<0.0071U	<0.0052U	0.77J	0.33J	0.046J	<0.0041U	<0.0076U	1.146
A-Wing	SSHS-B252	0-2	7/20/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.098J	0.051J	0.0051J	<0.0038U	<0.007U	0.1541
A-Wing	SSHS-B253	0-2	7/30/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	0.086J	0.072J	0.025J	<0.0037U	<0.0067U	0.183
A-Wing	SSHS-B254	0-2	7/30/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.33J	0.2J	0.029J	<0.0038U	<0.007U	0.559
A-Wing	SSHS-B255	0-2	7/30/2015	<0.004U	<0.0049U	<0.0068U	<0.005U	0.97J	0.61J	0.087J	<0.0039U	<0.0072U	1.667
A-Wing	SSHS-B256	0-2	7/20/2015	<0.19U	<0.23U	<0.32U	<0.23U	68J	33J	3.5J	<0.19U	<0.34U	104.5
A-Wing	SSHS-B257	0-2	7/30/2015	<0.0042U	<0.0052U	<0.0071U	<0.0052U	0.48J	0.28J	0.041J	<0.0041U	<0.0076U	0.801
A-Wing	SSHS-B338	0-2	3/9/2016	<0.0093U	<0.015U	<0.0051U	<0.0075U	4J	1.5J	0.21J	<0.0038U	<0.0063U	5.71
A-Wing	SSHS-B339	0-2	3/9/2016	<0.0093U,F2	<0.015U	<0.0051U	<0.0075U	0.66J	0.29J	0.058J	<0.0038U	<0.0063U	1.008
A-Wing	SSHS-B464	0-2	8/29/2016	<0.0086U	<0.014U	<0.0047U	<0.007U	0.027J	0.02J	<0.0065U	<0.0035U	<0.0058U	0.047
A-Wing	SSHS-B466	0-2	8/29/2016	<0.17U,F1	<0.26U	<0.092U	<0.14U	37J	16J	1.1J	<0.068U	<0.11U	54.1
A-Wing	SSHS-B467	0-2	8/29/2016	<4.3U	<6.7U	<2.3U	<3.4U	1600J	630J	49J	<1.7U	<2.9U	2279
A-Wing	SSHS-B477	0-2	8/29/2016	<0.0087U	<0.014U	<0.0048U	<0.007U	0.3J	0.2J	0.029J	<0.0036U	<0.0059U	0.529
A-Wing	SSHS-B479	0-2	8/29/2016	<0.0087U	<0.014U	<0.0048U	<0.007U	1.9J	1J	0.11J	<0.0036U	<0.0059U	3.01

TABLE 9A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFAE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00067	0.00086	0.00077	0.00073	0.0017	0.0024	0.00064	0.00058	0.00098	
Restricted Residential SCO													1
NYS Hazardous Waste													50
Investigation Area	**Location**	**(ft bgs)**	**Sample Date**										
A-Wing	SSHS-B623	0-2	2/16/2017	<0.097U	<0.095U	<0.072U	<0.15U	24J	5.7J	0.98J	<0.056U	<0.13U	30.68
A-Wing	SSHS-B647	0-2	2/16/2017	<0.01U	<0.01U	<0.0077U	<0.015U	0.028J	0.014J	<0.013U	<0.0059U	<0.014U	0.042
A-Wing	SSHS-B648	0-2	2/15/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	0.25J	0.14J	0.037J	<0.0057U	<0.013U	0.427
A-Wing	SSHS-B688	0-2	3/21/2017	<0.011U	<0.01U	<0.0079U	<0.016U	0.18	0.034p	0.022	<0.0061U	<0.014U	0.236
A-Wing	SSHS-B702	0-2	3/21/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	0.41	0.12	0.041	<0.0056U	<0.013U	0.571
A-Wing	SSHS-B703	0-2	3/23/2017	<0.011U	<0.011U	<0.0083U	<0.017U	0.15	0.058	0.015J	<0.0064U	<0.015U	0.223
A-Wing	SSHS-B738	0-2	4/13/2017	<0.098U	<0.096U	<0.073U	<0.15U	27	11	1.8	<0.057U	<0.13U	39.8
A-Wing	SSHS-B743	0-2	4/13/2017	<0.011U	<0.011U	<0.0082U	<0.016U	0.54	0.25	0.056	<0.0063U	<0.015U	0.846
A-Wing	SSHS-B744	0-2	4/13/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.33	0.12	0.025	<0.0057U	<0.013U	0.475
Cafeteria	SSHS-B21	1-4	5/9/2000	<0.038U	<0.038U	<0.038U	<0.038U	0.69D	<0.038U	0.3	-	-	0.99
Cafeteria	SSHS-B297	0.17-1	8/3/2015	<0.0035U	<0.0043U	<0.0059U	<0.0043U	0.41J	0.35J	0.048J	<0.0035U	<0.0063U	0.808
Cafeteria	SSHS-B298	0.17-2	8/3/2015	<0.0036U	<0.0044U	<0.0061U	<0.0045U	0.25J	0.39J	0.048J	<0.0036U	<0.0066U	0.688
East of Gymnasium	SSHS-B174	0-2	8/4/2015	<0.0036U	<0.0044U	<0.006U	<0.0044U	1.8J	1J	0.15J	<0.0035U	<0.0064U	2.95
East of Gymnasium	SSHS-B176	0-2	8/4/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	1.8J	1.1J	0.31J	<0.0037U	<0.0067U	3.21
East of Gymnasium	SSHS-B177	0-2	7/23/2015	<0.19U,F1	<0.23U	<0.31U	<0.23U	55J	19J	2.2J	<0.18U	<0.34U	76.2
East of Gymnasium	SSHS-B178	0-2	7/23/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	1.3J	0.71J	0.13J	<0.0039U	<0.0071U	2.14
East of Gymnasium	SSHS-B179	0-2	8/4/2015	<0.004U	<0.0049U	<0.0068U	<0.0049U	1.8J	1.3J	0.31J	<0.0039U	<0.0072U	3.41
East of Gymnasium	SSHS-B180	0-2	7/23/2015	<0.0039U	<0.0048U	<0.0067U	<0.0049U	0.61J	0.5J	0.15J	<0.0039U	<0.0071U	1.26
East of Gymnasium	SSHS-B181	0-2	7/23/2015	<0.004U	<0.0049U	<0.0068U	<0.005U	0.72J	0.41J	0.093J	<0.004U	<0.0073U	1.223
East of Gymnasium	SSHS-B182	0-2	7/23/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	2J	1J	0.25J	<0.0038U	<0.007U	3.25
East of Gymnasium	SSHS-B183	0-2	8/4/2015	<0.077U	<0.094U	<0.13U	<0.095U	6.2J	2.8J	0.89J	<0.076U	<0.14U	9.89
East of Gymnasium	SSHS-B184	0-2	8/4/2015	<0.19U	<0.23U	<0.32U	<0.23U	42J	19J	3.4J	<0.19U	<0.34U	64.4
East of Gymnasium	SSHS-B185	0-2	7/23/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	4.2J	2.7J	0.63J	<0.0038U	<0.007U	7.53
East of Gymnasium	SSHS-B186	0-2	8/4/2015	<0.076U	<0.093U	<0.13U	<0.094U	15J	6.3J	1.3J	<0.075U	<0.14U	22.6
East of Gymnasium	SSHS-B187	0-2	7/23/2015	<0.038U	<0.047U	<0.065U	<0.048U	30J	13J	3.6J	<0.038U	<0.069U	46.6
East of Gymnasium	SSHS-B188	0-2	7/23/2015	<0.0039U	<0.0047U	<0.0065U	<0.0048U	3.5J	2.8J	0.99J	<0.0038U	<0.007U	7.29
East of Gymnasium	SSHS-B189	0-2	8/4/2015	<0.039U	<0.048U	<0.067U	<0.049U	12J	5.9J	0.99J	<0.039U	<0.071U	18.89

TABLE 9A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFAE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00067	0.00086	0.00077	0.00073	0.0017	0.0024	0.00064	0.00058	0.00098	
Restricted Residential SCO													1
NYS Hazardous Waste													50
Investigation Area	**Location**	**(ft bgs)**	**Sample Date**										
East of Gymnasium	SSHS-B190	0-2	7/23/2015	<0.019U	<0.024U	<0.033U	<0.024U	7J	4J	0.97J	<0.019U	<0.035U	11.97
East of Gymnasium	SSHS-B191	0-2	7/23/2015	<0.02U	<0.024U	<0.033U	<0.024U	11J	5.4J	1.1J	<0.019U	<0.036U	17.5
East of Gymnasium	SSHS-B192	0-2	7/23/2015	<0.02U	<0.024U	<0.034U	<0.025U	6.3J	4.2J	1.2J	<0.02U	<0.036U	11.7
East of Gymnasium	SSHS-B193	0-2	7/23/2015	<0.0077U	<0.0095U	<0.013U	<0.0095U	2.7J	1.4J	0.35J	<0.0076U	<0.014U	4.45
East of Gymnasium	SSHS-B194	0-2	8/4/2015	<0.19U	<0.24U	<0.33U	<0.24U	68J	21J	3.4J	<0.19U	<0.35U	92.4
East of Gymnasium	SSHS-B195	0-2	8/4/2015	<0.042U	<0.051U	<0.071U	<0.052U	7.4J	5.6J	1J	<0.041U	<0.076U	14
East of Gymnasium	SSHS-B196	0-2	8/4/2015	<0.076U,F1	<0.094U	<0.13U	<0.095U	30J	11J	1.6J	<0.075U	<0.14U	42.6
East of Gymnasium	SSHS-B197	0-2	7/23/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	1.1J	0.85J	0.18J	<0.0038U	<0.007U	2.13
East of Gymnasium	SSHS-B198	0-2	8/4/2015	<0.004U	<0.0049U	<0.0067U	<0.0049U	5.6J	3.4J	0.46J	<0.0039U	<0.0072U	9.46
East of Gymnasium	SSHS-B199	0-2	7/23/2015	<0.037U	<0.045U	<0.063U	<0.046U	24J	9.2J	1.5J	<0.037U	<0.067U	34.7
East of Gymnasium	SSHS-B200	0-2	7/23/2015	<0.019U,F1	<0.024U	<0.033U	<0.024U	8.3J	3.8J	0.86J	<0.019U	<0.035U	12.96
East of Gymnasium	SSHS-B201	0-2	8/4/2015	<0.038U	<0.046U	<0.064U	<0.047U	13J	4.4J	0.84J	<0.037U	<0.068U	18.24
East of Gymnasium	SSHS-B202	0-2	8/4/2015	<0.075U	<0.092U	<0.13U	<0.093U	21J	9.5J	1.4J	<0.074U	<0.14U	31.9
East of Gymnasium	SSHS-B203	0-2	7/23/2015	<0.018U	<0.022U	<0.031U	<0.023U	14J	5.8J	1.1J	<0.018U	<0.033U	20.9
East of Gymnasium	SSHS-B204	0-2	8/4/2015	<0.19U	<0.23U	<0.32U	<0.23U	29J	10J	1.4J	<0.19U	<0.34U	40.4
East of Gymnasium	SSHS-B205	0-2	7/22/2015	<0.0038U	<0.0046U	<0.0064U	<0.0047U	2.3J	1.1J	0.18J	<0.0037U	<0.0068U	3.58
East of Gymnasium	SSHS-B206	0-2	8/4/2015	<0.0036U	<0.0045U	<0.0062U	<0.0045U	0.94J	0.48J	0.072J	<0.0036U	<0.0066U	1.492
East of Gymnasium	SSHS-B207	0-2	7/22/2015	<0.38U	<0.47U	<0.65U	<0.48U	160J	65J	5J	<0.38U	<0.69U	230
East of Gymnasium	SSHS-B208	0-2	7/22/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.49J	0.28J	0.049J	<0.0038U	<0.007U	0.819
East of Gymnasium	SSHS-B209	0-2	8/4/2015	<0.73U	<0.9U	<1.2U	<0.91U	230J	64J	15J	<0.72U	<1.3U	309
East of Gymnasium	SSHS-B210	0-2	7/22/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	5.5J	2.3J	0.36J	<0.0038U	<0.007U	8.16
East of Gymnasium	SSHS-B211	0-2	8/4/2015	<0.0037U	<0.0045U	<0.0062U	<0.0045U	0.84J	0.53J	0.09J	<0.0036U	<0.0066U	1.46
East of Gymnasium	SSHS-B25	1-4	5/9/2000	<0.035U	<0.035U	<0.035U	<0.035U	1.5D	<0.035U	0.14	-	-	1.64
East of Gymnasium	SSHS-B26-A	0.17-2	8/14/2014	<0.0029U	<0.0037U	<0.0033U	<0.0031U	0.98	<0.0027U	0.093	<0.0025U	<0.0042U	1.073
East of Gymnasium	SSHS-B29	1-4	5/8/2000	<0.036U	<0.036U	<0.036U	<0.036U	2.4D	<0.036U	0.52	-	-	2.92
East of Gymnasium	SSHS-B29-A	0.17-2	8/13/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	2.7	<0.0026U	0.4	<0.0023U	<0.004U	3.1
East of Gymnasium	SSHS-B30	1-4	5/8/2000	<0.036U	<0.036U	<0.036U	<0.036U	9.4D	<0.036U	3.6JD	-	-	13

TABLE 9A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFAE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00067	0.00086	0.00077	0.00073	0.0017	0.0024	0.00064	0.00058	0.00098	
Restricted Residential SCO													1
NYS Hazardous Waste													50
Investigation Area	**Location**	**(ft bgs)**	**Sample Date**										
East of Gymnasium	SSHS-B300	0-2	7/24/2015	<0.0036U	<0.0044U	<0.0061U	<0.0044U	0.043J	0.053J	0.018J	<0.0035U	<0.0065U	0.114
East of Gymnasium	SSHS-B301	0-2	7/24/2015	<0.004U	<0.0049U	<0.0067U	<0.0049U	0.19J	0.14J	0.03J	<0.0039U	<0.0072U	0.36
East of Gymnasium	SSHS-B302	0-2	7/24/2015	<0.0038U	<0.0046U	<0.0064U	<0.0047U	1.1J	0.84J	0.2J	<0.0037U	<0.0068U	2.14
East of Gymnasium	SSHS-B32	1-4	5/8/2000	<0.035U	<0.035U	<0.035U	<0.035U	8.3D	<0.035U	0.45E	-	-	8.75
East of Gymnasium	SSHS-B34	1-4	5/9/2000	<0.036U	<0.036U	<0.036U	<0.036U	<3.4D	<0.036U	0.26	-	-	0.26
East of Gymnasium	SSHS-B346	0-2	3/4/2016	<0.19U	<0.29U	<0.1U	<0.15U	25J	9.9J	1.4J	<0.076U	<0.13U	36.3
East of Gymnasium	SSHS-B348	0-2	3/7/2016	<0.0087U	<0.014U	<0.0048U	<0.007U	0.39J	0.2J	0.031J	<0.0035U	<0.0059U	0.621
East of Gymnasium	SSHS-B349	0-2	3/7/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	1.6J	0.89J	0.14J	<0.0036U	<0.006U	2.63
East of Gymnasium	SSHS-B350	0-2	3/4/2016	<0.0085U	<0.013U	<0.0047U	<0.0069U	4.7J	2.1J	0.51J	<0.0035U	<0.0058U	7.31
East of Gymnasium	SSHS-B351	0-2	3/4/2016	<0.0085U	<0.013U	<0.0046U	<0.0068U	1.7J	1.1J	0.29J	<0.0035U	<0.0058U	3.09
East of Gymnasium	SSHS-B353	0-2	3/7/2016	<0.046U	<0.072U	<0.025U	<0.037U	15J	5.8J	0.87J	<0.019U	<0.031U	21.67
East of Gymnasium	SSHS-B354	0-2	3/4/2016	<0.0085U	<0.013U	<0.0047U	<0.0069U	0.29J	0.23J	0.074J	<0.0035U	<0.0058U	0.594
East of Gymnasium	SSHS-B355	0-2	3/7/2016	<0.046U	<0.073U	<0.025U	<0.037U	7.3J	3.6J	0.73J	<0.019U	<0.031U	11.63
East of Gymnasium	SSHS-B358	0.17-2	3/4/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	4J	2J	0.69J	<0.0033U	<0.0055U	6.69
East of Gymnasium	SSHS-B359	0.17-2	3/4/2016	<0.0081U	<0.013U	<0.0044U	<0.0065U	0.01J	<0.0065U	<0.006U	<0.0033U	<0.0055U	0.01
East of Gymnasium	SSHS-B360	0-2	3/4/2016	<0.0081U	<0.013U	<0.0044U	<0.0065U	0.022	<0.0065U	<0.006U	<0.0033U	<0.0055U	0.022
East of Gymnasium	SSHS-B361	0-2	3/4/2016	<0.046U	<0.072U	<0.025U	<0.037U	7.5J	2.7J	0.4J	<0.019U	<0.031U	10.6
East of Gymnasium	SSHS-B363	0-2	3/7/2016	<0.088U	<0.14U	<0.048U	<0.071U	19J	10J	2.4J	<0.036U	<0.06U	31.4
East of Gymnasium	SSHS-B364	0-2	3/4/2016	<0.0089U	<0.014U	<0.0049U	<0.0072U	2.4J	3.3J	0.7J	<0.0036U	<0.006U	6.4
East of Gymnasium	SSHS-B483	0-2	9/1/2016	<0.008U	<0.013U	<0.0044U	<0.0065U	3.1J	1.5J	0.4J	<0.0033U	<0.0054U	5
East of Gymnasium	SSHS-B484	0-2	9/1/2016	<0.0081U	<0.013U	<0.0044U	<0.0065U	2.4J	1.2J	0.3J	<0.0033U	<0.0055U	3.9
East of Gymnasium	SSHS-B485	0-2	9/1/2016	<0.0081U	<0.013U	<0.0044U	<0.0065U	<0.0041U	<0.0065U	<0.006U	<0.0033U	<0.0055U	0
East of Gymnasium	SSHS-B486	0-2	9/1/2016	<0.0079U	<0.012U	<0.0043U	<0.0064U	0.0071J	<0.0064U	<0.0059U	<0.0032U	<0.0054U	0.0071
East of Gymnasium	SSHS-B487	0-2	8/31/2016	<0.0081U	<0.013U	<0.0044U	<0.0065U	0.35J	0.12J	0.028J	<0.0033U	<0.0055U	0.498
East of Gymnasium	SSHS-B488	0-2	9/1/2016	<0.0078U	<0.012U	<0.0043U	<0.0063U	0.65J	0.41J	0.11J	<0.0032U	<0.0053U	1.17
East of Gymnasium	SSHS-B489	0-2	9/1/2016	<0.041U	<0.064U	<0.022U	<0.033U	18J	6.6J	1.5J	<0.017U	<0.028U	26.1
East of Gymnasium	SSHS-B490	0-2	9/1/2016	<0.008U	<0.013U	<0.0044U	<0.0065U	<0.0041U	1.4J	0.56J	<0.0033U	<0.0054U	1.96

TABLE 9A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFAE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00067	0.00086	0.00077	0.00073	0.0017	0.0024	0.00064	0.00058	0.00098	
Restricted Residential SCO													1
NYS Hazardous Waste													50
Investigation Area	**Location**	**(ft bgs)**	**Sample Date**										
East of Gymnasium	SSHS-B491	0-2	9/1/2016	<0.0081U	<0.013U	<0.0044U	<0.0065U	<0.0041UJ	0.54J	0.18J	<0.0033U	<0.0055U	0.72
East of Gymnasium	SSHS-B492	0-2	8/31/2016	<0.0079U	<0.013U	<0.0043U	<0.0064U	4J	2J	0.84J	<0.0032U	<0.0054U	6.84
East of Gymnasium	SSHS-B493	0-2	8/31/2016	<0.04U	<0.063U	<0.022U	<0.032U	10J	4.3J	0.92J	<0.016U	<0.027U	15.22
East of Gymnasium	SSHS-B497	0-2	8/31/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	1.7J	0.54J	0.11J	<0.0033U	<0.0055U	2.35
East of Gymnasium	SSHS-B498	0-2	8/31/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.11J	0.056J	0.018J	<0.0034U	<0.0057U	0.184
East of Gymnasium	SSHS-B499	0-2	9/20/2016	<0.0079U	<0.012U	<0.0043U	<0.0064U	0.014J	<0.0064U	<0.0059U	<0.0032U	<0.0054U	0.014
East of Gymnasium	SSHS-B500	0-2	9/1/2016	<0.081U	<0.13U	<0.044U	<0.065U	13J	6.9J	2.1J	<0.033U	<0.055U	22
East of Gymnasium	SSHS-B501	0-2	9/1/2016	<0.0093U	<0.015U	<0.0051U	<0.0075U	1.5J	0.81J	0.18J	<0.0038U	<0.0063U	2.49
East of Gymnasium	SSHS-B511	0-2	8/31/2016	<0.0084U	<0.013U	<0.0046U	<0.0067U	2.5J	0.74J	<0.0063U	<0.0034U	<0.0057U	3.24
East of Gymnasium	SSHS-B517	0-2	9/23/2016	<0.081U	<0.13U	<0.044U	<0.065U	16J	7.9J	2.3J	<0.033U	<0.055U	26.2
East of Gymnasium	SSHS-B99	0.17-2	8/13/2014	<0.0028U	<0.0037U	<0.0033U	<0.0031U	0.87	<0.0027U	0.24	<0.0025U	<0.0042U	1.11
Football Field	SSHS-B135	0-2	7/27/2015	<0.0039U	<0.0048U	<0.0067U	<0.0049U	0.88J	0.49J	0.079J	<0.0039U	<0.0071U	1.449
Football Field	SSHS-B138	0-2	7/27/2015	<0.0039U	<0.0048U	<0.0067U	<0.0049U	0.32J	0.19J	0.04J	<0.0039U	<0.0071U	0.55
Football Field	SSHS-B150	0-2	7/27/2015	<0.02U	<0.025U	<0.034U	<0.025U	7.9J	3.7J	0.52J	<0.02U	<0.036U	12.12
Football Field	SSHS-B151	0.17-2	8/5/2015	<0.19U	<0.23U	<0.31U	<0.23U	29J	13J	1.6J	<0.18U	<0.34U	43.6
Football Field	SSHS-B164	0-2	7/27/2015	<0.0038U	<0.0047U	<0.0065U	<0.0048U	1.4J	0.71J	0.1J	<0.0038U	<0.0069U	2.21
Football Field	SSHS-B165	0-2	7/27/2015	<0.0038U	<0.0047U	<0.0064U	<0.0047U	1.2J	0.59J	0.11J	<0.0037U	<0.0069U	1.9
Football Field	SSHS-B166	0-2	7/27/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	<0.0047U	0.39J	0.12J	<0.0038U	<0.007U	0.51
Football Field	SSHS-B168	0-2	7/27/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.68J	0.33J	0.072J	<0.0039U	<0.0071U	1.082
Football Field	SSHS-B169	0.17-2	7/28/2015	<0.19U	<0.23U	<0.32U	<0.23U	55J	23J	2.3J	<0.18U	<0.34U	80.3
Football Field	SSHS-B170	0-2	7/27/2015	<0.0041U	<0.005U	<0.0069U	<0.005U	0.16J	0.09J	<0.02U	<0.004U	<0.0073U	0.25
Football Field	SSHS-B173	0.17-2	8/5/2015	<0.076U	<0.093U	<0.13U	<0.094U	28J	13J	1.4J	<0.075U	<0.14U	42.4
Football Field	SSHS-B175	0.17-2	7/28/2015	<0.0038U	<0.0047U	<0.0065U	<0.0048U	4.2J	1.8J	0.23J	<0.0038U	<0.007U	6.23
Football Field	SSHS-B212	0-2	7/28/2015	<0.039U	<0.048U	<0.066U	<0.048U	15J	6J	0.45J	<0.038U	<0.07U	21.45
Football Field	SSHS-B214	0-2	7/28/2015	<0.0039U	<0.0048U	<0.0066U	<0.0049U	0.32J	0.36J	0.08J	<0.0039U	<0.0071U	0.76
Football Field	SSHS-B216	0-2	7/16/2015	<0.02U	<0.025U	<0.034U	<0.025U	11J	4.4J	<0.021U	<0.02U	<0.036U	15.4
Football Field	SSHS-B217	0-2	7/16/2015	<0.0042U	<0.0051U	<0.007U	<0.0052U	0.48J	0.21J	<0.0045U	<0.0041U	<0.0075U	0.69

TABLE 9A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFAE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00067	0.00086	0.00077	0.00073	0.0017	0.0024	0.00064	0.00058	0.00098	
Restricted Residential SCO													1
NYS Hazardous Waste													50
Investigation Area	**Location**	**(ft bgs)**	**Sample Date**										
Football Field	SSHS-B218	0-2	7/16/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	1.5J	0.7J	0.076J	<0.0038U	<0.007U	2.276
Football Field	SSHS-B220	0-2	7/28/2015	<0.0038U	<0.0047U	<0.0065U	<0.0047U	3.1J	1.1J	0.078J	<0.0038U	<0.0069U	4.278
Football Field	SSHS-B221	0-2	7/15/2015	<0.08U	<0.098U	<0.14U	<0.099U	14J	6.2J	<0.086U	<0.079U	<0.14U	20.2
Football Field	SSHS-B222	0-2	7/16/2015	<0.0042U	<0.0051U	<0.007U	<0.0052U	0.61J	0.31J	0.047J	<0.0041U	<0.0075U	0.967
Football Field	SSHS-B223	0-2	7/28/2015	<0.004U	<0.0049U	<0.0068U	<0.005U	1J	0.69J	0.19J	<0.004U	<0.0073U	1.88
Football Field	SSHS-B225	0-2	7/28/2015	<0.0039U,F1	<0.0048U	<0.0066U	<0.0048U	5.4J	2.1J	0.14J	<0.0038U	<0.007U	7.64
Football Field	SSHS-B226	0-2	7/15/2015	<0.041U	<0.05U	<0.069U	<0.051U	9.6	<0.048U	0.19J	<0.04U	<0.074U	9.79
Football Field	SSHS-B227	0-2	7/15/2015	<0.04U	<0.05U	<0.069U	<0.05U	11	<0.047U	0.19J	<0.04U	<0.073U	11.19
Football Field	SSHS-B228	0-2	7/15/2015	<0.004U	<0.005U	<0.0069U	<0.005U	<0.005U	0.099J	0.038J	<0.004U	<0.0073U	0.137
Football Field	SSHS-B229	0-2	7/15/2015	<0.004U	<0.005U	<0.0069U	<0.005U	2.7J	1.2J	0.1J	<0.004U	<0.0073U	4
Football Field	SSHS-B230	0-2	7/28/2015	<0.004U	<0.0049U	<0.0068U	<0.0049U	1.3J	0.43J	0.041J	<0.0039U	<0.0072U	1.771
Football Field	SSHS-B231	0-2	7/27/2015	<0.039U	<0.048U	<0.067U	<0.049U	17J	5.5J	0.61J	<0.039U	<0.071U	23.11
Football Field	SSHS-B232	0-2	7/27/2015	<0.0039U	<0.0047U	<0.0066U	<0.0048U	2.3J	1.1J	0.21J	<0.0038U	<0.007U	3.61
Football Field	SSHS-B233	0-2	7/28/2015	<0.08U	<0.098U	<0.13U	<0.099U	40J	15J	1.1J	<0.079U	<0.14U	56.1
Football Field	SSHS-B234A	0-2	7/28/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.36J	0.21J	0.082J	<0.0039U	<0.0071U	0.652
Football Field	SSHS-B236	0-2	7/14/2015	<0.0037U	<0.0046U	<0.0064U	<0.0046U	0.052J	0.032J	0.0093J	<0.0037U	<0.0068U	0.0933
Football Field	SSHS-B237	0-2	7/27/2015	<0.004U	<0.0049U	<0.0067U	<0.0049U	1.7J	0.99J	0.11J	<0.0039U	<0.0072U	2.8
Football Field	SSHS-B238	0-2	7/14/2015	<0.0038U	<0.0047U	<0.0065U	<0.0047U	0.54J	0.29J	0.056J	<0.0038U	<0.0069U	0.886
Football Field	SSHS-B239	0-2	7/14/2015	<0.04U	<0.049U	<0.068U	<0.05U	14	<0.047U	0.23	<0.039U	<0.072U	14.23
Football Field	SSHS-B240	0-2	7/27/2015	<0.0039U	<0.0048U	<0.0067U	<0.0049U	0.36J	0.21J	0.038J	<0.0039U	<0.0071U	0.608
Football Field	SSHS-B241	0-2	7/14/2015	<0.0038U	<0.0047U	<0.0065U	<0.0047U	0.23J	0.11J	0.016J	<0.0038U	<0.0069U	0.356
Football Field	SSHS-B242	0-2	7/27/2015	<0.2U	<0.24U	<0.33U	<0.24U	67J	24J	2.4J	<0.19U	<0.36U	93.4
Football Field	SSHS-B308	0-2	3/2/2016	<0.0093U	<0.015U	<0.0051U	<0.0075U	0.92J	0.35J	0.057J	<0.0038U	<0.0063U	1.327
Football Field	SSHS-B309	0-2	3/2/2016	<0.0095U	<0.015U	<0.0052U	<0.0077U	0.1J	0.041J	<0.0071U	<0.0039U	<0.0065U	0.141
Football Field	SSHS-B310	0-2	3/2/2016	<0.0086U	<0.014U	<0.0047U	<0.0069U	1.8J	0.54J	0.11J	<0.0035U	<0.0058U	2.45
Football Field	SSHS-B311	0-2	3/2/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	3.2J	1.1J	0.31J	<0.0036U	<0.0059U	4.61
Football Field	SSHS-B314	0-2	3/2/2016	<0.091U	<0.14U	<0.05U	<0.074U	10J	4.8J	0.35J	<0.037U	<0.062U	15.15

TABLE 9A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFAE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00067	0.00086	0.00077	0.00073	0.0017	0.0024	0.00064	0.00058	0.00098	
Restricted Residential SCO													1
NYS Hazardous Waste													50
Investigation Area	**Location**	**(ft bgs)**	**Sample Date**										
Football Field	SSHS-B315	0.17-2	3/1/2016	<0.087U,F1	<0.14U	<0.047U	<0.07U	8.2J	3.2J	0.59J	<0.035U	<0.059U	11.99
Football Field	SSHS-B316	0-2	3/2/2016	<0.0091U	<0.014U	<0.005U	<0.0073U	4.8J	1.2J	0.18J	<0.0037U	<0.0061U	6.18
Football Field	SSHS-B317	0-2	3/1/2016	<0.0094U	<0.015U	<0.0051U	<0.0076U	0.16	<0.0076U	0.062	<0.0038U	<0.0064U	0.222
Football Field	SSHS-B318	0-2	3/2/2016	<0.0093U	<0.015U	<0.0051U	<0.0075U	0.12J	0.084J	0.029J	<0.0038U	<0.0063U	0.233
Football Field	SSHS-B320	0-2	3/2/2016	<0.0094U	<0.015U	<0.0051U	<0.0076U	2J	1.1J	0.19J	<0.0038U	<0.0064U	3.29
Football Field	SSHS-B324	0.17-2	3/1/2016	<0.043U	<0.068U	<0.024U	<0.035U	5.3J	1.9J	0.37J	<0.018U	<0.029U	7.57
Football Field	SSHS-B326	0-2	3/2/2016	<0.089U	<0.14U	<0.049U	<0.072U	13J	6.5J	0.61J	<0.036U	<0.061U	20.11
Football Field	SSHS-B407	0-2	8/25/2016	<0.009U	<0.014U	<0.0049U	<0.0072U	0.012J	<0.0073U	<0.0067U	<0.0037U	<0.0061U	0.012
Football Field	SSHS-B408	0-2	8/25/2016	<0.0092U	<0.015U	<0.005U	<0.0074U	5.5J	2.3J	0.11J	<0.0038U	<0.0063U	7.91
Football Field	SSHS-B409	0-2	8/25/2016	<0.009U	<0.014U	<0.0049U	<0.0072U	0.43J	0.26J	0.066J	<0.0037U	<0.0061U	0.756
Football Field	SSHS-B410	0-2	8/25/2016	<0.0091U	<0.014U	<0.005U	<0.0074U	0.046J	0.027J	<0.0068U	<0.0037U	<0.0062U	0.073
Football Field	SSHS-B411	0-2	8/22/2016	<0.0085U	<0.013U	<0.0047U	<0.0069U	1.4J	0.95J	0.27J	<0.0035U	<0.0058U	2.62
Football Field	SSHS-B412	0-2	8/25/2016	<0.0092U	<0.015U	<0.005U	<0.0074U	0.2J	0.11J	<0.0069U	<0.0037U	<0.0062U	0.31
Football Field	SSHS-B413	0-2	8/26/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	0.83J	0.3J	0.072J	<0.0033U	<0.0056U	1.202
Football Field	SSHS-B414	0-2	8/22/2016	<0.0085U	<0.013U	<0.0047U	<0.0069U	1.6J	0.86J	0.14J	<0.0035U	<0.0058U	2.6
Football Field	SSHS-B415	0-2	8/22/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	4.1J	2J	0.4J	<0.0036U	<0.006U	6.5
Football Field	SSHS-B416	0-2	8/22/2016	<0.009U	<0.014U	<0.0049U	<0.0073U	5.7J	3.2J	0.5J	<0.0037U	<0.0061U	9.4
Football Field	SSHS-B417	0-2	8/22/2016	<0.045U	<0.071U	<0.024U	<0.036U	25J	8.9J	2.7J	<0.018U	<0.03U	36.6
Football Field	SSHS-B423	0-2	8/22/2016	<0.0085U	<0.013U	<0.0047U	<0.0069U	4.9J	4.1J	1.1J	<0.0035U	<0.0058U	10.1
Football Field	SSHS-B424	0-2	8/22/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	0.35J	0.19J	0.051J	<0.0036U	<0.0059U	0.591
Football Field	SSHS-B425	0-2	8/22/2016	<0.009U	<0.014U	<0.0049U	<0.0073U	0.64J	0.37J	0.087J	<0.0037U	<0.0061U	1.097
Football Field	SSHS-B428	0.17-2	8/26/2016	<0.0085U	<0.013U	<0.0046U	<0.0068U	4.8J	3.1J	0.94J	<0.0035U	<0.0057U	8.84
Football Field	SSHS-B429	0.17-2	8/26/2016	<0.0089U	<0.014U	<0.0049U	<0.0072U	6.2J	2.3J	0.5J	<0.0036U	<0.0061U	9
Football Field	SSHS-B430	0-2	8/25/2016	<0.0093U	<0.015U	<0.0051U	<0.0075U	0.042J	0.068J	<0.007U	<0.0038U	<0.0063U	0.11
Football Field	SSHS-B441	0-2	8/24/2016	<0.0093U	<0.015U	<0.0051U	<0.0075U	0.7J	0.21J	<0.007U	<0.0038U	<0.0063U	0.91
Football Field	SSHS-B442	0-2	8/24/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	1.7J	0.69J	0.16J	<0.0036U	<0.006U	2.55
Football Field	SSHS-FB1	0.5-2	6/29/2000	<0.038U	<0.038U	<0.038U	<0.038U	2.1D	<0.038U	0.84D	-	-	2.94

TABLE 9A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFAE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00067	0.00086	0.00077	0.00073	0.0017	0.0024	0.00064	0.00058	0.00098	
Restricted Residential SCO													1
NYS Hazardous Waste													50
Investigation Area	**Location**	**(ft bgs)**	**Sample Date**										
Football Field	SSHS-FB10	1-3	6/29/2000	<0.039U	<0.039U	<0.039U	<0.039U	2.7D	<0.039U	0.19	-	-	2.89
Football Field	SSHS-FB10-A	0-2	7/15/2015	<0.083U	<0.1U	<0.14U	<0.1U	34J	14J	<0.089U	<0.082U	<0.15U	48
Football Field	SSHS-FB11	1-3	6/29/2000	<0.039U	<0.039U	<0.039U	<0.039U	0.33	<0.039U	0.12	-	-	0.45
Football Field	SSHS-FB2	0.5-1	6/29/2000	<0.04U	<0.04U	<0.04U	<0.04U	0.13	<0.04U	<0.04U	-	-	0.13
Football Field	SSHS-FB6	1-2	6/29/2000	<0.04U	<0.04U	<0.04U	<0.04U	0.94D	<0.04U	0.066	-	-	1.006
Football Field	SSHS-FB6	1-3	6/29/2000	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	-	-	<0
Football Field	SSHS-FB6-AA	0-2	7/15/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	<0.0048U	1.3J	0.71J	<0.0038U	<0.0071U	2.01
Football Field	SSHS-FB7	1.5-2	8/14/2000	<0.04U	<0.04U	<0.04U	<0.04U	160D	<0.04U	<0.04U	-	-	160
Football Field	SSHS-FB7	1-3	6/29/2000	<0.04U	<0.04U	<0.04U	<0.04U	<100U	<0.04U	4.2E	-	-	4.2
Football Field	SSHS-FB7-A	0.17-1	7/21/2014	<0.0013U	<0.0017U	<0.0015U	<0.0015U	0.15J	0.066J	<0.0013U	<0.0012U	<0.002U	0.216
Football Field	SSHS-FB7-A	1-2	7/21/2014	<0.028U	<0.036U	<0.032U	<0.03U	20J	6.9J	<0.026U	<0.024U	<0.041U	26.9
Football Field	SSHS-FB7-B	0.17-1	7/21/2014	<0.0015U	<0.0019U	<0.0017U	<0.0016U	0.041J	0.022J	<0.0014U	<0.0013U	<0.0021U	0.063
Football Field	SSHS-FB7-B	1-2	7/21/2014	<0.072U	<0.093U	<0.083U	<0.079U	23J	7.2J	<0.069U	<0.062U	<0.11U	30.2
Football Field	SSHS-FB7-C	0.17-1	7/21/2014	<0.0015U	<0.0019U	<0.0017U	<0.0016U	2.6J	0.99J	<0.0014U	<0.0013U	0.16J	3.75
Football Field	SSHS-FB7-C	1-2	7/21/2014	<0.014U	<0.018U	<0.016U	<0.015U	16J	6.2J	<0.013U	<0.012U	1J	23.2
Football Field	SSHS-FB7-D	0.17-1	7/21/2014	<0.0014U	<0.0018U	<0.0016U	<0.0015U	0.12J	0.064J	<0.0013U	<0.0012U	<0.002U	0.184
Football Field	SSHS-FB7-D	1-2	7/21/2014	<0.0074U	<0.0095U	<0.0085U	<0.0081U	5J	1.8J	<0.007U	<0.0064U	<0.011U	6.8
Football Field	SSHS-FB7-E	0.17-1	7/21/2014	<0.0069U	<0.0088U	<0.0079U	<0.0075U	5J	2.1J	<0.0066U	<0.0059U	<0.01U	7.1
Football Field	SSHS-FB7-E	1-2	7/21/2014	<0.028U	<0.035U	<0.032U	<0.03U	19J	6.6J	<0.026U	<0.024U	<0.041U	25.6
Football Field	SSHS-FB9	1-2	6/29/2000	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	0.068	-	-	0.068
Football Field	SSHS-FB9-AA	0.17-0.5	7/16/2015	<0.0043U	<0.0052U	<0.0072U	<0.0053U	1.5J	0.87J	0.13J	<0.0042U	<0.0077U	2.5
Football Field North	SSHS-B2	1-2	5/12/2000	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	-	-	<0
Football Field North	SSHS-B305	0.17-2	7/14/2015	<0.0038U	<0.0046U	<0.0064U	<0.0047U	0.021	0.016J	0.0062J	<0.0037U	<0.0068U	0.0432
Football Field North	SSHS-B49	0.5-2.5	9/13/2000	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	-	-	<0
Football Field North	SSHS-B576	0.17-2	2/15/2017	<0.011U	<0.011U	<0.008U	<0.016U	0.11J	0.089J	0.054J	<0.0062U	<0.015U	0.253
Football Field North	SSHS-B6	1-3	5/11/2000	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	-	-	<0
Football Field SE	SSHS-B303	0-1	8/5/2015	<0.0036U	<0.0044U	<0.006U	<0.0044U	0.023J	0.048J	0.025J	<0.0035U	<0.0064U	0.096

TABLE 9A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFAE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00067	0.00086	0.00077	0.00073	0.0017	0.0024	0.00064	0.00058	0.00098	
Restricted Residential SCO													1
NYS Hazardous Waste													50
Investigation Area	**Location**	**(ft bgs)**	**Sample Date**										
Football Field SE	SSHS-B304	0-1	8/5/2015	<0.0036U	<0.0044U	<0.0061U	<0.0044U	<0.0044U	0.0066J	<0.0038U	<0.0035U	<0.0065U	0.0066
Football Field SE	SSHS-B357	0-2	3/4/2016	<0.0092U	<0.015U	<0.0051U	<0.0074U	1.7J	0.82J	0.13J	<0.0038U	<0.0063U	2.65
Football Field SE	SSHS-B418	0-2	8/23/2016	<0.043U	<0.067U	<0.023U	<0.034U	12J	7.2J	1.4J	<0.017U	<0.029U	20.6
Football Field SE	SSHS-B419	0-2	8/23/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	1.5J	0.97J	0.25J	<0.0034U	<0.0056U	2.72
Football Field SE	SSHS-B420	0-2	8/23/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	2.2J	1.3J	0.32J	<0.0034U	<0.0056U	3.82
Football Field SE	SSHS-B421	0-2	8/23/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	0.34J	0.4J	0.11J	<0.0033U	<0.0055U	0.85
Football Field SE	SSHS-B422	0-2	8/23/2016	<0.04U	<0.063U	<0.022U	<0.032U	3.9J	3.3J	0.49J	<0.016U	<0.027U	7.69
Football Field SE	SSHS-B426	0-2	8/23/2016	<0.0084U,F2	<0.013U	<0.0046U	<0.0068U	0.15J	0.11J	<0.0063U,F2	<0.0034U	<0.0057U	0.26
Football Field SE	SSHS-B427	0-2	8/23/2016	<0.041U	<0.065U	<0.023U	<0.033U	7.7J	3.5J	0.47J	<0.017U	<0.028U	11.67
Football Field SE	SSHS-B451	0-2	9/27/2016	<0.0079U	<0.013U	<0.0043U	<0.0064U	0.56J	0.37J	<0.0059U	<0.0032U	<0.0054U	0.93
Football Field SE	SSHS-B452	0-2	9/27/2016	<0.008U	<0.013U	<0.0044U	<0.0065U	<0.0041U	0.058J	0.014J	<0.0033U	<0.0054U	0.072
Football Field SE	SSHS-B494	0-2	8/23/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	5.1J	2.2J	0.4J	<0.0034U	<0.0056U	7.7
Football Field SE	SSHS-B495	0-2	8/23/2016	<0.0083U	<0.013U	<0.0046U	<0.0067U	2J	0.83J	0.14J	<0.0034U	<0.0056U	2.97
Football Field SE	SSHS-B496	0-2	8/23/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	2.2J	1.3J	0.26J	<0.0034U	<0.0056U	3.76
Football Field SE	SSHS-B516	0-2	8/23/2016	<0.0085U	<0.013U	<0.0046U	<0.0068U	0.38J	0.2J	0.04J	<0.0035U	<0.0058U	0.62
Football Field SE	SSHS-MW44	0-2	2/29/2016	<0.0093U	<0.015U	<0.0051U	<0.0075U	<0.0047U	<0.0075U	<0.0069U	<0.0038U	<0.0063U	<0
Football Field SE	SSHS-MW45	0-2	8/30/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	0.32J	0.21J	0.042J	<0.0034U	<0.0056U	0.572
Football Field SW	SSHS-B328	0-2	3/3/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	1.9J	0.74J	0.081J	<0.0036U	<0.0059U	2.721
Football Field SW	SSHS-B438	0-2	8/26/2016	<0.084U,F1	<0.13U	<0.046U	<0.068U	5.2J	2.6J	0.38J	<0.034U	<0.057U	8.18
Football Field SW	SSHS-B439	0-2	8/26/2016	<0.41U	<0.65U	<0.23U	<0.33U	88J	42J	4.2J	<0.17U	<0.28U	134.2
Football Field SW	SSHS-B440	0-2	8/26/2016	<0.17UJ	<0.26U	<0.092U	<0.13U	38J	14J	1.9J	<0.068U	<0.11U	53.9
Football Field SW	SSHS-B443	0-2	9/14/2016	<0.0085U,F1	<0.013U	<0.0047U	<0.0069U	3.5J	1.3J	0.21J	<0.0035U	<0.0058U	5.01
Football Field SW	SSHS-B444	0-2	8/26/2016	<0.0081U	<0.013U	<0.0044U	<0.0066U	4.4J	1.8J	0.43J	<0.0033U	<0.0055U	6.63
Football Field SW	SSHS-B461	0-2	8/31/2016	<0.04U	<0.064U	<0.022U	<0.033U	8J	2.4J	0.5J	<0.016U	<0.027U	10.9
Football Field SW	SSHS-B462	0-2	8/31/2016	<0.0089U,F1	<0.014U	<0.0048U	<0.0071U	5J	1.5J	0.25J	<0.0036U	<0.006U	6.75
Football Field SW	SSHS-B463	0-2	8/31/2016	<0.0089U	<0.014U	<0.0049U	<0.0072U	4.8J	1.6J	0.3J	<0.0036U	<0.0061U	6.7
Football Field SW	SSHS-B619	0-2	2/14/2017	<0.0096U,F1	<0.0094U	<0.0072U	<0.014U	2.3J	0.89J	0.17J	<0.0055U	<0.013U	3.36

TABLE 9A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFAE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00067	0.00086	0.00077	0.00073	0.0017	0.0024	0.00064	0.00058	0.00098	
Restricted Residential SCO													1
NYS Hazardous Waste													50
Investigation Area	**Location**	**(ft bgs)**	**Sample Date**										
Football Field SW	SSHS-B620	0-2	2/13/2017	<0.011U	<0.01U	<0.0079U	<0.016U	3.7J	1.4J	0.36J	<0.0061U	<0.014U	5.46
Football Field SW	SSHS-B650	0-2	2/14/2017	<0.097U	<0.095U	<0.073U	<0.15U	12J	3.9J	0.62J	<0.056U	<0.13U	16.52
Football Field SW	SSHS-B651	0-2	2/14/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	1.5J	0.54J	0.1J	<0.0055U	<0.013U	2.14
Football Field SW	SSHS-B652	0-2	2/14/2017	<0.094U	<0.092U	<0.07U	<0.14U	20J	4.8J	0.89J	<0.054U	<0.13U	25.69
F-Wing	SSHS-B18	1-3	5/10/2000	<0.037U	<0.037U	<0.037U	<0.037U	0.074	<0.037U	<0.037U	-	-	0.074
F-Wing	SSHS-B92	0.17-2	8/12/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	0.32	<0.0026U	0.071	<0.0023U	<0.004U	0.391
F-Wing	SSHS-B93	0.17-2	8/12/2014	<0.0029U	<0.0037U	<0.0033U	<0.0032U	0.045	<0.0028U	0.041	<0.0025U	<0.0043U	0.086
F-Wing	SSHS-B94	0.17-2	8/12/2014	<0.0028U	<0.0036U	<0.0033U	<0.0031U	0.039	<0.0027U	<0.0098J	<0.0024U	<0.0042U	0.039
F-Wing	SSHS-B95	0.17-2	8/12/2014	<0.0028U	<0.0036U	<0.0032U	<0.0031U	0.18	<0.0027U	0.039	<0.0024U	<0.0041U	0.219
F-Wing	SSHS-B96	0.17-2	8/12/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	0.058	<0.0025U	0.021	<0.0023U	<0.0039U	0.079
F-Wing	SSHS-B98	0.17-2	8/13/2014	<0.0032U	<0.004U	<0.0036U	<0.0035U	0.26	<0.003U	0.076	<0.0027U	<0.0046U	0.336
K-Wing	SSHS-B19	1-4	5/9/2000	<0.037U	<0.037U	<0.037U	<0.037U	0.015J	<0.037U	<0.037U	-	-	0.015
K-Wing	SSHS-B97	0.17-2	8/13/2014	<0.003U	<0.0038U	<0.0034U	<0.0033U	<0.0019U	<0.0029U	<0.0029U	<0.0026U	<0.0044U	<0
Main Parking Lot	SSHS-B16	1-2	5/10/2000	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	-	-	<0
Main Parking Lot	SSHS-B17	1-3	5/10/2000	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	-	-	<0
Main Parking Lot	SSHS-B267	0-2	7/30/2015	<0.0036U	<0.0044U	<0.0061U	<0.0044U	0.029J	0.032J	0.0091J	<0.0035U	<0.0065U	0.0701
Main Parking Lot	SSHS-B329	0-2	3/3/2016	<0.0079U	<0.012U	<0.0043U	<0.0064U	0.18J	0.059J	0.012J	<0.0032U	<0.0053U	0.251
Main Parking Lot	SSHS-B334	0-2	3/3/2016	<0.008U	<0.013U	<0.0044U	<0.0065U	0.54J	0.2J	0.044J	<0.0033U	<0.0054U	0.784
Main Parking Lot	SSHS-B455	0-2	8/30/2016	<0.0079U	<0.012U	<0.0043U	<0.0064U	<0.004U	<0.0064U	<0.0059U	<0.0032U	<0.0054U	0
Main Parking Lot	SSHS-B456	0-2	8/30/2016	<0.008U	<0.013U	<0.0044U	<0.0065U	<0.0041U	<0.0065U	<0.006U	<0.0033U	<0.0054U	0
Main Parking Lot	SSHS-B457	0-2	8/30/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	0.022J	0.016J	<0.0062U	<0.0034U	<0.0056U	0.038
Main Parking Lot	SSHS-B473	0-2	8/30/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.3J	0.11J	0.014J	<0.0034U	<0.0057U	0.424
Main Parking Lot	SSHS-B634	0-2	2/10/2017	<0.0092U	<0.0089U	<0.0068U	<0.014U	0.019J	0.0077J	<0.012U	<0.0053U	<0.012U	0.0267
Main Parking Lot	SSHS-B636	0-2	2/13/2017	<0.009U	<0.0088U	<0.0067U	<0.013U	0.024J	0.014J	<0.011U	<0.0052U	<0.012U	0.038
Main Parking Lot	SSHS-B637	0-2	2/13/2017	<0.009U	<0.0088U	<0.0067U	<0.014U	<0.0081U	<0.0075U	<0.011U	<0.0052U	<0.012U	<0
Main Parking Lot	SSHS-B638	0-2	2/16/2017	<0.0091U	<0.0089U	<0.0068U	<0.014U	0.027J	0.017J	<0.011U	<0.0052U	<0.012U	0.044
Main Parking Lot	SSHS-B639	0-2	2/13/2017	<0.0093U	<0.0091U	<0.007U	<0.014U	0.084J	0.042J	0.012J	<0.0054U	<0.013U	0.138

TABLE 9A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFAE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00067	0.00086	0.00077	0.00073	0.0017	0.0024	0.00064	0.00058	0.00098	
Restricted Residential SCO													1
NYS Hazardous Waste													50
Investigation Area	**Location**	**(ft bgs)**	**Sample Date**										
Main Parking Lot	SSHS-B640	0-2	2/13/2017	<0.0094U	<0.0091U	<0.007U	<0.014U	0.019J	0.0099J	<0.012U	<0.0054U	<0.013U	0.0289
Main Parking Lot	SSHS-B641	0-2	2/13/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.033J	0.025J	<0.012U	<0.0055U	<0.013U	0.058
Main Parking Lot	SSHS-B642	0-2	2/13/2017	<0.009U	<0.0088U	<0.0067U	<0.014U	<0.0081U	<0.0074U	<0.011U	<0.0052U	<0.012U	<0
Main Parking Lot	SSHS-B643	0-2	2/16/2017	<0.0091U	<0.0089U	<0.0068U	<0.014U	0.015J	0.015J	<0.011U	<0.0052U	<0.012U	0.03
Main Parking Lot	SSHS-B73	0.17-2	8/13/2014	<0.0028U	<0.0036U	<0.0032U	<0.003U	0.042	<0.0027U	<0.0027U	<0.0024U	<0.0041U	0.042
Main Parking Lot	SSHS-B74	0.17-2	8/13/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	0.033	<0.0026U	<0.016J	<0.0024U	<0.004U	0.033
Main Parking Lot	SSHS-B78	0.17-2	8/14/2014	<0.0028U	<0.0036U	<0.0032U	<0.0031U	0.63	<0.0027U	0.13	<0.0024U	<0.0041U	0.76
Main Parking Lot	SSHS-B79	0.17-2	8/14/2014	<0.0028U	<0.0036U	<0.0032U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
Main Parking Lot	SSHS-B80	0.17-2	8/14/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.0039U	<0
Main Parking Lot	SSHS-B81	0.17-2	8/14/2014	<0.0027U	<0.0035U	<0.0032U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
Main Parking Lot	SSHS-B82	0.17-2	8/13/2014	<0.0028U	<0.0036U	<0.0032U	<0.003U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
Main Parking Lot	SSHS-B83	0.17-2	8/14/2014	<0.0027U	<0.0035U	<0.0032U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
Main Parking Lot	SSHS-B84	0.17-2	8/14/2014	<0.0027U	<0.0035U	<0.0032U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
Main Parking Lot	SSHS-B85	0.17-2	8/13/2014	<0.0028U	<0.0036U	<0.0032U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
Main Parking Lot	SSHS-B86	0.17-2	8/13/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
Main Parking Lot	SSHS-B87	0.17-2	8/14/2014	<0.0027U	<0.0035U	<0.0032U	<0.003U	0.15	<0.0026U	0.035	<0.0024U	<0.004U	0.185
Main Parking Lot	SSHS-B88	0.17-2	8/13/2014	<0.0028U	<0.0036U	<0.0032U	<0.003U	0.049	<0.0027U	0.036	<0.0024U	<0.0041U	0.085
Main Parking Lot	SSHS-B89	0.17-2	8/13/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	0.019	<0.0025U	<0.0073J	<0.0023U	<0.0039U	0.019
Main Parking Lot	SSHS-B90	0.17-2	8/13/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	0.067	<0.0026U	0.059p	<0.0024U	<0.004U	0.126
Main Parking Lot	SSHS-B91	0.17-2	8/13/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.0039U	<0
Rear Parking Lot	SSHS-B100	0.17-2	8/15/2014	<0.028U	<0.035U	<0.032U	<0.03U	13	<0.026U	0.89	<0.024U	<0.041U	13.89
Rear Parking Lot	SSHS-B101	0.17-2	8/14/2014	<0.027U	<0.034U	<0.031U	<0.029U	13	<0.026U	0.75	<0.023U	<0.039U	13.75
Rear Parking Lot	SSHS-B102	0-2	8/3/2015	<0.0035U	<0.0043U	<0.006U	<0.0044U	2.3J	1.5J	0.22J	<0.0035U	<0.0064U	4.02
Rear Parking Lot	SSHS-B103	0-2	7/22/2015	<0.039U	<0.048U	<0.066U	<0.048U	29J	9.5J	1.2J	<0.039U	<0.071U	39.7
Rear Parking Lot	SSHS-B104	0-2	7/22/2015	<0.2U	<0.24U	<0.33U	<0.24U	66J	24J	2.6J	<0.19U	<0.36U	92.6
Rear Parking Lot	SSHS-B105	0-2	7/22/2015	<0.079U	<0.097U	<0.13U	<0.098U	27J	10J	1.3J	<0.078U	<0.14U	38.3
Rear Parking Lot	SSHS-B106	0-2	7/22/2015	<0.043U	<0.052U	<0.072U	<0.053U	9.5J	3.4J	0.55J	<0.042U	<0.077U	13.45

TABLE 9A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFAE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00067	0.00086	0.00077	0.00073	0.0017	0.0024	0.00064	0.00058	0.00098	
Restricted Residential SCO													1
NYS Hazardous Waste													50
Investigation Area	**Location**	**(ft bgs)**	**Sample Date**										
Rear Parking Lot	SSHS-B107	0-2	7/22/2015	<0.004U	<0.005U	<0.0068U	<0.005U	3.9J	1.4J	0.17J	<0.004U	<0.0073U	5.47
Rear Parking Lot	SSHS-B108	0-2	7/22/2015	<0.0041U	<0.005U	<0.0069U	<0.0051U	0.71J	0.34J	0.085J	<0.004U	<0.0074U	1.135
Rear Parking Lot	SSHS-B109	0-2	7/21/2015	<0.0036U	<0.0044U	<0.0061U	<0.0045U	2.2J	0.79J	0.096J	<0.0036U	<0.0066U	3.086
Rear Parking Lot	SSHS-B110	0-2	7/21/2015	<0.0035U	<0.0043U	<0.0059U	<0.0043U	0.22J	0.067J	0.0087J	<0.0035U	<0.0063U	0.2957
Rear Parking Lot	SSHS-B111	0-2	7/21/2015	<0.0034U	<0.0042U	<0.0058U	<0.0043U	0.068J	0.019J	0.0049J	<0.0034U	<0.0062U	0.0919
Rear Parking Lot	SSHS-B112	0-2	7/22/2015	<0.0035U	<0.0043U	<0.006U	<0.0044U	0.0083J	<0.0041U	<0.0038U	<0.0035U	<0.0064U	0.0083
Rear Parking Lot	SSHS-B114	0-2	7/31/2015	<0.072U	<0.088U	<0.12U	<0.089U	12J	5J	1.2J	<0.071U	<0.13U	18.2
Rear Parking Lot	SSHS-B115	0-2	7/21/2015	<0.0036U	<0.0044U	<0.0061U	<0.0044U	4.2J	1.7J	0.21J	<0.0035U	<0.0065U	6.11
Rear Parking Lot	SSHS-B116	0-2	7/20/2015	<0.0036U	<0.0044U	<0.006U	<0.0044U	2.2J	0.85J	0.1J	<0.0035U	<0.0065U	3.15
Rear Parking Lot	SSHS-B117	0-2	7/20/2015	<0.075U	<0.093U	<0.13U	<0.093U	31J	9.9J	1.6J	<0.074U	<0.14U	42.5
Rear Parking Lot	SSHS-B118	0-2	7/20/2015	<0.37U	<0.45U	<0.62U	<0.45U	170J	65J	8J	<0.36U	<0.66U	243
Rear Parking Lot	SSHS-B119	0-2	7/21/2015	<0.071U	<0.087U	<0.12U	<0.088U	30J	11J	1J	<0.07U	<0.13U	42
Rear Parking Lot	SSHS-B120	0-2	7/21/2015	<0.18U	<0.22U	<0.31U	<0.23U	48J	17J	2.8J	<0.18U	<0.33U	67.8
Rear Parking Lot	SSHS-B121	0-2	7/24/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	2.9J	0.98J	0.11J	<0.0037U	<0.0067U	3.99
Rear Parking Lot	SSHS-B122	0-2	7/22/2015	<0.0035U	<0.0043U	<0.006U	<0.0044U	0.02J	0.0047J	<0.0038U	<0.0035U	<0.0064U	0.0247
Rear Parking Lot	SSHS-B123	0-2	8/3/2015	<0.0035U	<0.0043U	<0.0059U	<0.0043U	0.044J	0.0099J	<0.0037U	<0.0034U	<0.0063U	0.0539
Rear Parking Lot	SSHS-B124	0-2	8/3/2015	<0.0035U	<0.0043U	<0.0059U	<0.0043U	1.2J	0.65J	0.043J	<0.0035U	<0.0063U	1.893
Rear Parking Lot	SSHS-B125	0-2	7/31/2015	<0.0035U	<0.0044U	<0.006U	<0.0044U	0.24J	0.096J	0.014J	<0.0035U	<0.0064U	0.35
Rear Parking Lot	SSHS-B126	0-2	7/31/2015	<0.037U	<0.045U	<0.062U	<0.045U	6.6J	2.8J	0.51J	<0.036U	<0.066U	9.91
Rear Parking Lot	SSHS-B127	0-2	7/31/2015	<0.035U	<0.043U	<0.06U	<0.044U	11J	5J	0.78J	<0.035U	<0.064U	16.78
Rear Parking Lot	SSHS-B129	0-2	7/31/2015	<0.19U	<0.23U	<0.31U	<0.23U	66J	25J	3.8J	<0.18U	<0.34U	94.8
Rear Parking Lot	SSHS-B130	0-2	7/21/2015	<0.036U	<0.045U	<0.062U	<0.045U	18J	6J	0.96J	<0.036U	<0.066U	24.96
Rear Parking Lot	SSHS-B131	0-2	7/24/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	0.65J	0.25J	0.043J	<0.0037U	<0.0067U	0.943
Rear Parking Lot	SSHS-B132	0-2	7/22/2015	<0.0036U	<0.0044U	<0.0061U	<0.0044U	0.56J	0.22J	0.033J	<0.0035U	<0.0065U	0.813
Rear Parking Lot	SSHS-B133	0-2	8/3/2015	<0.0037U	<0.0045U	<0.0062U	<0.0045U	0.44J	0.24J	0.042J	<0.0036U	<0.0066U	0.722
Rear Parking Lot	SSHS-B139	0-2	8/3/2015	<0.0035U	<0.0043U	<0.0059U	<0.0043U	3.6J	1.9J	0.15J	<0.0034U	<0.0063U	5.65
Rear Parking Lot	SSHS-B140	0-2	7/31/2015	<0.0036U	<0.0044U	<0.0061U	<0.0045U	1.4J	0.64J	0.14J	<0.0035U	<0.0065U	2.18

TABLE 9A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFAE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00067	0.00086	0.00077	0.00073	0.0017	0.0024	0.00064	0.00058	0.00098	
Restricted Residential SCO													1
NYS Hazardous Waste													50
Investigation Area	**Location**	**(ft bgs)**	**Sample Date**										
Rear Parking Lot	SSHS-B141	0-2	7/21/2015	<0.0035U	<0.0043U	<0.0059U	<0.0043U	1.4J	0.61J	0.053J	<0.0035U	<0.0063U	2.063
Rear Parking Lot	SSHS-B142	0-2	7/21/2015	<0.073U	<0.089U	<0.12U	<0.09U	15J	6.1J	0.81J	<0.072U	<0.13U	21.91
Rear Parking Lot	SSHS-B143	0-1	7/21/2015	<0.0034U	<0.0042U	<0.0058U	<0.0043U	0.54J	0.2J	0.027J	<0.0034U	<0.0062U	0.767
Rear Parking Lot	SSHS-B144	0-2	7/21/2015	<0.18U	<0.22U	<0.31U	<0.22U	66J	21J	4J	<0.18U	<0.33U	91
Rear Parking Lot	SSHS-B145	0-2	7/24/2015	<0.0036U	<0.0045U	<0.0062U	<0.0045U	2.1J	0.89J	0.11J	<0.0036U	<0.0066U	3.1
Rear Parking Lot	SSHS-B146	0-2	7/22/2015	<0.0035U	<0.0043U	<0.0059U	<0.0043U	0.0075J	<0.0041U	<0.0038U	<0.0035U	<0.0063U	0.0075
Rear Parking Lot	SSHS-B147	0-2	7/23/2015	<0.0036U	<0.0045U	<0.0062U	<0.0045U	0.66J	0.24J	0.031J	<0.0036U	<0.0066U	0.931
Rear Parking Lot	SSHS-B148	0-2	8/3/2015	<0.0034U	<0.0042U	<0.0058U	<0.0043U	<0.0042U	<0.004U	<0.0037U	<0.0034U	<0.0062U	<0
Rear Parking Lot	SSHS-B149	0-2	7/21/2015	<0.0036U	<0.0044U	<0.0061U	<0.0044U	0.17J	0.097J	0.015J	<0.0035U	<0.0065U	0.282
Rear Parking Lot	SSHS-B156	0-2	8/3/2015	<0.072U	<0.088U	<0.12U	<0.089U	11J	4.9J	0.53J	<0.071U	<0.13U	16.43
Rear Parking Lot	SSHS-B157	0-2	7/31/2015	<0.018U	<0.022U	<0.03U	<0.022U	9.8J	4.4J	0.73J	<0.018U	<0.032U	14.93
Rear Parking Lot	SSHS-B158	0-2	7/21/2015	<0.0035U	<0.0043U	<0.0059U	<0.0043U	0.29J	0.12J	0.029J	<0.0034U	<0.0063U	0.439
Rear Parking Lot	SSHS-B159	0-2	8/3/2015	<0.36U	<0.44U	<0.61U	<0.45U	82J	22J	2.2J	<0.36U	<0.65U	106.2
Rear Parking Lot	SSHS-B160	0-1.5	7/21/2015	<0.069U	<0.085U	<0.12U	<0.086U	15J	7.4J	0.91J	<0.068U	<0.13U	23.31
Rear Parking Lot	SSHS-B161	0-2	8/3/2015	<0.071U	<0.087U	<0.12U	<0.088U	15J	6.3J	0.58J	<0.07U	<0.13U	21.88
Rear Parking Lot	SSHS-B162	0-2	8/3/2015	<0.0035U	<0.0042U	<0.0059U	<0.0043U	1J	0.38J	0.021J	<0.0034U	<0.0063U	1.401
Rear Parking Lot	SSHS-B163	0-2	8/3/2015	<0.0036U	<0.0044U	<0.0061U	<0.0045U	3J	1.4J	0.14J	<0.0036U	<0.0065U	4.54
Rear Parking Lot	SSHS-B23	1-4	5/9/2000	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	-	-	<0
Rear Parking Lot	SSHS-B24	1-4	5/9/2000	<0.038U	<0.038U	<0.038U	<0.038U	0.7D	<0.038U	0.14	-	-	0.84
Rear Parking Lot	SSHS-B299	0-2	7/24/2015	<0.0037U	<0.0045U	<0.0062U	<0.0046U	<0.0045U	<0.0043U	<0.004U	<0.0036U	<0.0067U	<0
Rear Parking Lot	SSHS-B367	0-2	3/8/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	<0.0042U	0.16J	0.065J	<0.0034U	<0.0056U	0.225
Rear Parking Lot	SSHS-B368	0-2	3/8/2016	<0.17U	<0.27U	<0.092U	<0.14U	32J	14J	1.6J	<0.069U	<0.11U	47.6
Rear Parking Lot	SSHS-B371	0-2	3/8/2016	<0.081U	<0.13U	<0.044U	<0.065U	56J	13J	2.4J	<0.033U	<0.055U	71.4
Rear Parking Lot	SSHS-B372	0-2	3/8/2016	<0.081U	<0.13U	<0.044U	<0.065U	20J	4.4J	1.1J	<0.033U	<0.055U	25.5
Rear Parking Lot	SSHS-B374	0-2	3/10/2016	<0.0077U	<0.012U	<0.0042U	<0.0062U	0.013J	<0.0062U	<0.0058U	<0.0031U	<0.0052U	0.013
Rear Parking Lot	SSHS-B375	0-2	3/8/2016	<0.0077U	<0.012U	<0.0042U	<0.0062U	<0.0039U	<0.0062U	<0.0057U	<0.0031U	<0.0052U	<0
Rear Parking Lot	SSHS-B380	0-2	3/7/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	0.88J	0.47J	0.071J	<0.0034U	<0.0056U	1.421

TABLE 9A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFAE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00067	0.00086	0.00077	0.00073	0.0017	0.0024	0.00064	0.00058	0.00098	
Restricted Residential SCO													1
NYS Hazardous Waste													50
Investigation Area	**Location**	**(ft bgs)**	**Sample Date**										
Rear Parking Lot	SSHS-B381	0-2	3/9/2016	<0.008U	<0.013U	<0.0044U	<0.0064U	0.28J	0.12J	0.028J	<0.0033U	<0.0054U	0.428
Rear Parking Lot	SSHS-B382	0-2	3/9/2016	<0.0091U	<0.014U	<0.005U	<0.0073U	0.0094J	0.011J	<0.0068U	<0.0037U	<0.0062U	0.0204
Rear Parking Lot	SSHS-B383	0-2	3/10/2016	<0.0096U	<0.015U	<0.0052U	<0.0077U	0.058J	0.035J	0.011J	<0.0039U	<0.0065U	0.104
Rear Parking Lot	SSHS-B386	0-2	3/8/2016	<0.008U	<0.013U	<0.0044U	<0.0064U	2.2J	1J	0.2J	<0.0033U	<0.0054U	3.4
Rear Parking Lot	SSHS-B387	0-2	3/8/2016	<0.082U	<0.13U	<0.045U	<0.066U	14J	3.9J	0.85J	<0.033U	<0.055U	18.75
Rear Parking Lot	SSHS-B518	0-2	9/16/2016	<0.44U	<0.7U	<0.24U	<0.36U	14J	5J	1J	<0.18U	<0.3U	20
Rear Parking Lot	SSHS-B519	0-2	9/22/2016	<0.041U	<0.065U	<0.022U	<0.033U	13J	4.7J	0.6J	<0.017U	<0.028U	18.3
Rear Parking Lot	SSHS-B520	0-2	9/22/2016	<0.084U	<0.13U	<0.046U	<0.068U	19J	5.2J	0.57J	<0.034U	<0.057U	24.77
Rear Parking Lot	SSHS-B521	0-2	9/2/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	0.12J	0.079J	0.012J	<0.0033U	<0.0056U	0.211
Rear Parking Lot	SSHS-B522	0-2	9/16/2016	<0.008U	<0.013U	<0.0044U	<0.0065U	1.4J	0.51J	0.084J	<0.0033U	<0.0054U	1.994
Rear Parking Lot	SSHS-B523	0-2	9/23/2016	<0.0079U	<0.013U	<0.0043U	<0.0064U	0.052J	0.022J	0.011J	<0.0032U	<0.0054U	0.085
Rear Parking Lot	SSHS-B524	0-2	9/23/2016	<0.008U	<0.013U	<0.0044U	<0.0065U	0.32J	0.085J	0.014J	<0.0033U	<0.0054U	0.419
Rear Parking Lot	SSHS-B525	0-2	9/16/2016	<0.0079U	<0.013U	<0.0043U	<0.0064U	0.027J	0.0085J	<0.0059U	<0.0032U	<0.0054U	0.0355
Rear Parking Lot	SSHS-B526	0-2	9/16/2016	<0.0079U	<0.013U	<0.0043U	<0.0064U	3.6J	0.97J	0.25J	<0.0032U	<0.0054U	4.82
Rear Parking Lot	SSHS-B527	0-2	9/16/2016	<0.41U	<0.65U	<0.22U	<0.33U	36J	11J	2.2J	<0.17U	<0.28U	49.2
Rear Parking Lot	SSHS-B528	0-2	9/16/2016	<0.08U	<0.13U	<0.044U	<0.065U	8J	2.5J	0.45J	<0.033U	<0.054U	10.95
Rear Parking Lot	SSHS-B529	0-2	9/16/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	4J	1.2J	0.24J	<0.0033U	<0.0055U	5.44
Rear Parking Lot	SSHS-B531	0-2	9/16/2016	<0.008U	<0.013U	<0.0044U	<0.0064U	0.15J	0.065J	0.019J	<0.0033U	<0.0054U	0.234
Rear Parking Lot	SSHS-B557	0-2	9/7/2016	<0.0041U	<0.0064U	<0.0022U	<0.0033U	1.1J	0.72J	0.13J	<0.0017U	<0.0028U	1.95
Rear Parking Lot	SSHS-B558	0-2	9/7/2016	<0.002U	<0.0032U	<0.0011U	<0.0016U	0.55J	0.27J	0.04J	<0.00083U	<0.0014U	0.86
Rear Parking Lot	SSHS-B559	0-2	9/7/2016	<0.002U	<0.0032U	<0.0011U	<0.0016U	1.3J	0.9J	0.18J	<0.00082U	<0.0014U	2.38
Rear Parking Lot	SSHS-B560	0-2	9/7/2016	<0.004U	<0.0064U	<0.0022U	<0.0033U	1.4J	0.85J	0.15J	<0.0016U	<0.0027U	2.4
Rear Parking Lot	SSHS-B567	0-2	9/2/2016	<0.041U	<0.065U	<0.023U	<0.033U	7.7J	3.1J	0.41J	<0.017U	<0.028U	11.21
Rear Parking Lot	SSHS-B64	0.17-2	8/14/2014	<0.0026U	<0.0033U	<0.003U	<0.0029U	1.9	<0.0025U	0.1	<0.0023U	<0.0038U	2
Rear Parking Lot	SSHS-B65	0.17-2	8/14/2014	<0.026U	<0.033U	<0.03U	<0.028U	10	<0.025U	0.5	<0.022U	<0.038U	10.5
Rear Parking Lot	SSHS-B66	0.17-2	8/14/2014	<0.051U	<0.066U	<0.059U	<0.056U	24	<0.049U	1.1	<0.044U	<0.075U	25.1
Rear Parking Lot	SSHS-B67	0.17-2	8/14/2014	<0.54U	<0.69U	<0.62U	<0.59U	260	<0.52U	12	<0.47U	<0.8U	272

TABLE 9A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFAE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00067	0.00086	0.00077	0.00073	0.0017	0.0024	0.00064	0.00058	0.00098	
Restricted Residential SCO													1
NYS Hazardous Waste													50
Investigation Area	**Location**	**(ft bgs)**	**Sample Date**										
Rear Parking Lot	SSHS-B68	0.17-2	8/14/2014	<0.26U	<0.34U	<0.3U	<0.29U	100	<0.25U	4.9	<0.23U	<0.39U	104.9
Rear Parking Lot	SSHS-B69	0.17-2	8/14/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	0.52	<0.0026U	0.051	<0.0023U	<0.0039U	0.571
Rear Parking Lot	SSHS-MW42	0-1	3/1/2016	<0.0096U	<0.015U	<0.0052U	<0.0077U	<0.0049U	<0.0077U	<0.0072U	<0.0039U	<0.0065U	<0
Rear Parking Lot	SSHS-MW43	1-2	3/1/2016	<0.0083U	<0.013U	<0.0046U	<0.0067U	0.0088J	<0.0067U	<0.0062U	<0.0034U	<0.0057U	0.0088
Rear Parking Lot	SSHS-MW46	0-2	8/30/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	3.4J	1.5J	0.2J	<0.0034U	<0.0056U	5.1
South Athletic Field	SSHS-B259	0-2	7/29/2015	<0.0037U	<0.0045U	<0.0063U	<0.0046U	0.7J	0.15J	0.091J	<0.0036U	<0.0067U	0.941
South Athletic Field	SSHS-B260	0-2	7/29/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	1.2J	0.8J	0.098J	<0.0037U	<0.0067U	2.098
South Athletic Field	SSHS-B261	0-2	7/17/2015	<0.004U	<0.0049U	<0.0067U	<0.0049U	1.4J	0.79J	0.12J	<0.0039U	<0.0072U	2.31
South Athletic Field	SSHS-B262	0-2	7/29/2015	<0.0037U	<0.0045U	<0.0063U	<0.0046U	1.5J	0.83J	0.11J	<0.0036U	<0.0067U	2.44
South Athletic Field	SSHS-B264	0-2	7/17/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	2.1J	1.4J	0.32J	<0.0037U	<0.0068U	3.82
South Athletic Field	SSHS-B265	0-2	7/17/2015	<0.019U	<0.023U	<0.032U	<0.023U	7.2J	3.3J	0.51J	<0.019U	<0.034U	11.01
South Athletic Field	SSHS-B266	0-2	7/17/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	1.9J	1.2J	0.25J	<0.0037U	<0.0067U	3.35
South Athletic Field	SSHS-B268	0-2	7/29/2015	<0.038U	<0.046U	<0.064U	<0.047U	6.4J	0.86J	0.38J	<0.037U	<0.068U	7.64
South Athletic Field	SSHS-B269	0-2	7/17/2015	<0.038U	<0.047U	<0.065U	<0.048U	25J	11J	1.4J	<0.038U	<0.07U	37.4
South Athletic Field	SSHS-B270	0-2	7/17/2015	<0.004U	<0.0049U	<0.0068U	<0.0049U	1.9J	0.96J	0.18J	<0.0039U	<0.0072U	3.04
South Athletic Field	SSHS-B271	0-2	7/17/2015	<0.0041U	<0.0051U	<0.007U	<0.0051U	3J	1.7J	0.32J	<0.0041U	<0.0075U	5.02
South Athletic Field	SSHS-B273	0-2	7/29/2015	<0.0037U	<0.0045U	<0.0063U	<0.0046U	1.1J	1J	0.21J	<0.0037U	<0.0067U	2.31
South Athletic Field	SSHS-B274	0-2	7/29/2015	<0.0037U	<0.0045U	<0.0062U	<0.0046U	3.3J	2.2J	0.24J	<0.0036U	<0.0067U	5.74
South Athletic Field	SSHS-B275	0-2	7/17/2015	<0.004U	<0.0049U	<0.0068U	<0.005U	1.8J	1J	0.19J	<0.004U	<0.0073U	2.99
South Athletic Field	SSHS-B276	0-2	7/29/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	3.5J	0.33J	0.23J	<0.0037U	<0.0067U	4.06
South Athletic Field	SSHS-B277	0-2	7/29/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	2.3J	0.72J	0.15J	<0.0037U	<0.0067U	3.17
South Athletic Field	SSHS-B278	0-2	7/16/2015	<0.004U	<0.0049U	<0.0068U	<0.005U	0.69J	0.36J	0.06J	<0.0039U	<0.0072U	1.11
South Athletic Field	SSHS-B279	0-2	7/29/2015	<0.0037U	<0.0045U	<0.0062U	<0.0045U	1.7J	0.52J	0.15J	<0.0036U	<0.0066U	2.37
South Athletic Field	SSHS-B280	0-2	7/16/2015	<0.004U	<0.0049U	<0.0067U	<0.0049U	1.1J	0.69J	0.07J	<0.0039U	<0.0072U	1.86
South Athletic Field	SSHS-B281	0-2	7/17/2015	<0.019U	<0.023U	<0.032U	<0.023U	5.9J	3.1J	0.29J	<0.019U	<0.034U	9.29
South Athletic Field	SSHS-B282	0-2	7/29/2015	<0.0037U	<0.0045U	<0.0062U	<0.0045U	1.5J	0.68J	0.15J	<0.0036U	<0.0066U	2.33
South Athletic Field	SSHS-B283	0-2	7/16/2015	<0.077U	<0.095U	<0.13U	<0.096U	12J	5.4J	<0.083U	<0.076U	<0.14U	17.4

TABLE 9A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFAE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00067	0.00086	0.00077	0.00073	0.0017	0.0024	0.00064	0.00058	0.00098	
Restricted Residential SCO													1
NYS Hazardous Waste													50
Investigation Area	**Location**	**(ft bgs)**	**Sample Date**										
South Athletic Field	SSHS-B284	0-2	7/29/2015	<0.037U	<0.045U	<0.062U	<0.045U	9.4J	2.8J	0.54J	<0.036U	<0.066U	12.74
South Athletic Field	SSHS-B327	0-2	3/3/2016	<0.0087U	<0.014U	<0.0048U	<0.0071U	0.99J	0.78J	0.18J	<0.0036U	<0.0059U	1.95
South Athletic Field	SSHS-B331	0-2	3/3/2016	<0.0091U	<0.014U	<0.005U	<0.0074U	0.91J	0.48J	0.099J	<0.0037U	<0.0062U	1.489
South Athletic Field	SSHS-B332	0-2	3/3/2016	<0.009U	<0.014U	<0.0049U	<0.0072U	0.4J	0.18J	0.046J	<0.0037U	<0.0061U	0.626
South Athletic Field	SSHS-B333	0-2	3/3/2016	<0.0093U	<0.015U	<0.0051U	<0.0075U	1.3J	0.75J	0.17J	<0.0038U	<0.0063U	2.22
South Athletic Field	SSHS-B335	0-2	3/3/2016	<0.0094U	<0.015U	<0.0051U	<0.0076U	2.3J	1J	0.23J	<0.0038U	<0.0064U	3.53
South Athletic Field	SSHS-B336	0-2	3/3/2016	<0.0096U	<0.015U	<0.0053U	<0.0078U	6.1J	3.7J	0.72J	<0.0039U	<0.0065U	10.52
South Athletic Field	SSHS-B344	0-2	3/3/2016	<0.0084U	<0.013U	<0.0046U	<0.0067U	2.6J	1.4J	0.36J	<0.0034U	<0.0057U	4.36
South Athletic Field	SSHS-B453	0-2	8/24/2016	<0.0086U	<0.014U	<0.0047U	<0.007U	1.6J	1J	0.14J	<0.0035U	<0.0058U	2.74
South Athletic Field	SSHS-B454	0-2	8/24/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	2.4J	1J	0.23J	<0.0034U	<0.0056U	3.63
South Athletic Field	SSHS-B458	0-2	8/24/2016	<0.0083U	<0.013U	<0.0046U	<0.0067U	1.6J	0.92J	0.12J	<0.0034U	<0.0057U	2.64
South Athletic Field	SSHS-B460	0-2	8/31/2016	<0.041U	<0.065U	<0.023U	<0.033U	10J	3.1J	0.71J	<0.017U	<0.028U	13.81
South Athletic Field	SSHS-B624	0.17-2	2/9/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	3.4J	1.5J	0.35J	<0.0058U	<0.014U	5.25
South Athletic Field	SSHS-B70	0.17-2	8/14/2014	<0.0028U	<0.0036U	<0.0032U	<0.003U	1.4	<0.0027U	0.1	<0.0024U	<0.0041U	1.5
South Athletic Field	SSHS-SS12-A	0.17-1	7/22/2014	<0.00068U	<0.00087U	<0.00078U	<0.00074U	0.93J	0.45J	<0.00065U	<0.00059U	<0.001U	1.38
South Athletic Field	SSHS-SS12-A	1-2	7/22/2014	<0.013U	<0.017U	<0.015U	<0.014U	23J	9.1J	<0.013U	<0.011U	<0.019U	32.1
South Athletic Field	SSHS-SS12-B	0.17-1	7/22/2014	<0.0034U	<0.0044U	<0.0039U	<0.0037U	1.5J	1.1J	<0.0032U	<0.0029U	<0.005U	2.6
South Athletic Field	SSHS-SS12-B	1-2	7/22/2014	<0.0067U	<0.0086U	<0.0077U	<0.0073U	5.7J	3.6J	<0.0064U	<0.0058U	<0.0098U	9.3
South Athletic Field	SSHS-SS12-C	0.17-1	7/22/2014	<0.0034U	<0.0043U	<0.0039U	<0.0037U	1.6J	0.88J	<0.0032U	<0.0029U	<0.0049U	2.48
South Athletic Field	SSHS-SS12-C	1-2	7/22/2014	<0.0066U	<0.0084U	<0.0076U	<0.0072U	9.9J	4.5J	<0.0063U	<0.0057U	<0.0097U	14.4
Tennis Court	SSHS-B285	0-2	7/14/2015	<0.0038U	<0.0046U	<0.0064U	<0.0047U	0.51J	0.29J	0.077J	<0.0037U	<0.0069U	0.877
Tennis Court	SSHS-B286	0-2	7/14/2015	<0.0038U	<0.0047U	<0.0065U	<0.0047U	1.7J	0.7J	0.19J	<0.0038U	<0.0069U	2.59
Tennis Court	SSHS-B287	0-2	7/14/2015	<0.0038U	<0.0047U	<0.0065U	<0.0048U	2.3J	0.84J	0.24J	<0.0038U	<0.007U	3.38
Tennis Court	SSHS-B288	0-2	7/24/2015	<0.0036U	<0.0045U	<0.0062U	<0.0045U	1J	0.63J	0.18J	<0.0036U	<0.0066U	1.81
Tennis Court	SSHS-B290	0-2	7/24/2015	<0.0038U	<0.0046U	<0.0064U	<0.0047U	1.1J	0.79J	0.26J	<0.0037U	<0.0068U	2.15
Tennis Court	SSHS-B306	0-2	3/1/2016	<0.0085U	<0.013U	<0.0047U	<0.0069U	1.4J	0.8J	0.3J	<0.0035U	<0.0058U	2.5
Tennis Court	SSHS-B307	0-2	3/1/2016	<0.0092U	<0.015U	<0.0051U	<0.0074U	2.4J	1.5J	0.56J	<0.0038U	<0.0063U	4.46

TABLE 9A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFAE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00067	0.00086	0.00077	0.00073	0.0017	0.0024	0.00064	0.00058	0.00098	
Restricted Residential SCO													1
NYS Hazardous Waste													50
Investigation Area	**Location**	**(ft bgs)**	**Sample Date**										
Tennis Court	SSHS-B37	0.5-2.5	9/12/2000	<0.034U	<0.034U	<0.034U	<0.034U	<0.034U	<0.034U	<0.034U	-	-	<0
Tennis Court	SSHS-B38	1-4.5	9/12/2000	<0.037U	<0.037U	<0.037U	<0.037U	0.74D	<0.037U	0.13	-	-	0.87
Tennis Court	SSHS-B397	0-2	8/25/2016	<0.0086U	<0.014U	<0.0047U	<0.0069U	0.49J	0.43J	0.16J	<0.0035U	<0.0058U	1.08
Tennis Court	SSHS-B398	0-2	8/25/2016	<0.0089U	<0.014U	<0.0049U	<0.0072U	0.47J	0.32J	0.13J	<0.0036U	<0.006U	0.92
Tennis Court	SSHS-B399	0-2	8/25/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.21J	0.15J	0.055J	<0.0034U	<0.0057U	0.415
Tennis Court	SSHS-B400	0-2	8/25/2016	<0.0085U	<0.013U	<0.0047U	<0.0069U	0.28J	0.21J	0.09J	<0.0035U	<0.0058U	0.58
Tennis Court	SSHS-B401	0-2	8/25/2016	<0.0084U	<0.013U	<0.0046U	<0.0067U	0.21J	0.18J	0.076J	<0.0034U	<0.0057U	0.466
Tennis Court	SSHS-B402	0-2	8/30/2016	<0.0085U	<0.013U	<0.0046U	<0.0068U	0.059J	0.082J	0.027J	<0.0035U	<0.0057U	0.168
Tennis Court	SSHS-B403	0-2	8/30/2016	<0.0085U	<0.013U	<0.0046U	<0.0068U	0.54J	0.37J	0.1J	<0.0035U	<0.0058U	1.01
Tennis Court	SSHS-B577	0.17-2	2/10/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	2.3J	0.96J	0.6J	<0.0058U	<0.014U	3.86
Tennis Court	SSHS-B578	0-2	2/15/2017	<0.0097U	<0.0094U	<0.0072U	<0.014U	0.68J	0.67J	0.27J	<0.0055U	<0.013U	1.62
Tennis Court	SSHS-B579	0-2	2/15/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	1.1J	0.87J	0.25J	<0.0056U	<0.013U	2.22
Tennis Court	SSHS-B586	0.17-2	2/10/2017	<0.0097U,F1	<0.0095U	<0.0073U	<0.015U	0.84	0.37	0.15	<0.0056U	<0.013U	1.36
Tennis Court	SSHS-B587	0-2	2/15/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	0.063J	0.041J	<0.012U	<0.0054U	<0.013U	0.104
Tennis Court	SSHS-B588	0.17-2	2/15/2017	<0.011U	<0.01U	<0.0079U	<0.016U	<0.0095U	0.054J	0.035J	<0.0061U	<0.014U	0.089
Tennis Court	SSHS-B589	0.17-2	2/15/2017	<0.01U	<0.01U	<0.0076U	<0.015U	0.012J	0.011J	<0.013U	<0.0059U	<0.014U	0.023
Tennis Court	SSHS-B590	0-2	2/15/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.15J	0.11J	0.032J	<0.0055U	<0.013U	0.292
Tennis Court	SSHS-B591	0-2	2/15/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	<0.0086U	0.018	<0.012U	<0.0055U	<0.013U	0.018
Tennis Court	SSHS-B592	0-2	2/15/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.19J	0.2J	0.14J	<0.0055U	<0.013U	0.53
Tennis Court	SSHS-B593	0-2	2/15/2017	<0.0092U	<0.009U	<0.0069U	<0.014U	0.045J	0.12J	0.058J	<0.0053U	<0.012U	0.223
Tennis Court	SSHS-B594	0-2	2/15/2017	<0.011U	<0.01U	<0.0079U	<0.016U	1J	0.58J	0.16J	<0.0061U	<0.014U	1.74
Tennis Court	SSHS-B595	0.17-2	2/10/2017	<0.0095U	<0.0092U	<0.0071U	<0.014U	0.037J	0.026J	<0.012U	<0.0054U	<0.013U	0.063
Tennis Court	SSHS-B596	0.17-2	2/10/2017	<0.011U	<0.011U	<0.008U	<0.016U	0.2J	0.093J	0.034J	<0.0062U	<0.015U	0.327
Tennis Court	SSHS-B664	0-2	2/15/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	2.3J	1.1J	0.36J	<0.0056U	<0.013U	3.76
Tennis Court	SSHS-B674	0-2	3/21/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.69	0.25	0.11	<0.0057U	<0.013U	1.05
Tennis Court	SSHS-B675	0-2	3/21/2017	<0.0094U	<0.0091U	<0.007U	<0.014U	0.071	0.041	0.025	<0.0054U	<0.013U	0.137
Tennis Court	SSHS-B676	0-2	3/21/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	0.1	0.043	0.025	<0.0056U	<0.013U	0.168

TABLE 9A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFAE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00067	0.00086	0.00077	0.00073	0.0017	0.0024	0.00064	0.00058	0.00098	
Restricted Residential SCO													1
NYS Hazardous Waste													50
Investigation Area	**Location**	**(ft bgs)**	**Sample Date**										
Tennis Court	SSHS-B677	0-2	3/21/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	1.5	0.47	0.2	<0.0057U	<0.013U	2.17
Tennis Court	SSHS-B678	0-2	3/21/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.38	0.11	0.061	<0.0056U	<0.013U	0.551
Tennis Court	SSHS-B71	0.17-2	8/15/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
Tennis Court	SSHS-B72	0.17-2	8/15/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	0.07	<0.0025U	<0.0075J	<0.0023U	<0.0038U	0.07
Tennis Court	SSHS-B75	0.17-2	8/14/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	3.7	<0.0026U	0.37	<0.0024U	<0.004U	4.07
Tennis Court	SSHS-B76	0.17-2	8/14/2014	<0.0028U	<0.0036U	<0.0032U	<0.003U	0.47	<0.0026U	0.06	<0.0024U	<0.0041U	0.53
Tennis Court	SSHS-B77	0.17-2	8/14/2014	<0.0026U	<0.0033U	<0.0029U	<0.0028U	0.089	<0.0024U	0.073	<0.0022U	<0.0038U	0.162
Tennis Courts	SSHS-B36	0.5-2.5	9/12/2000	<0.035U	<0.035U	<0.035U	<0.035U	0.28D	<0.035U	0.1	-	-	0.38

Notes:
J - estimated value
U - non-detect
ND - non-detect
- - not analyzed
mg/kg - milligram per kilogram
ft bgs - feet below ground surface
PCBs - polychlorinated biphenyls
Concentrations detected above the Restricted Residential Soil Cleanup Objectives (SCO) of 1 mg/kg presented in 6 NYCRR Subpart 375 are presented in grey.
Total PCB concentrations detected above New York State hazardous waste threshold (6 NYCRR Part 371.4 (e)) are presented in dark grey

TABLE 9B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				VOCs													
				Benzene	Toluene	Xylene (m & p)	1,1,1-trichloroethane	1,2-dichloroethane	1,2-Dichloroethene	Chloroform	cis-1,2-dichloroethene	Dichloromethane	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	1,2-dichlorobenzene	Methyl Ethyl Ketone	Acetone
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00042	0.00045	0.00091	0.0003	0.00038	0.0021	0.00036	0.00044	0.00042	0.00055	0.00042	0.00037	0.00049	0.00055	0.0031
Restricted Residential SCO				4.8	100		100	3.1		49	100	100	21	19	100	100	100	100
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**															
Athletic Field	SSHS-B11	1-3	5/10/2000	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.0057U	<0.0057U	<0.0057U	**0.0014J**	<0.0057U	<0.0057U	<0.38U	<0.011U	<0.023U
Athletic Field	SSHS-B12	1-4	5/10/2000	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U	-	<0.0058U	<0.0058U	<0.0058U	<0.0058U	**0.0016J**	<0.0058U	<0.38U	<0.012U	<0.023U
Athletic Field	SSHS-B13	1-2	5/10/2000	<0.0058U	<0.0058U	**0.0015J**	<0.0058U	<0.0058U	-	**0.0013J**	<0.0058U	<0.0058U	**0.0098**	**0.0036J**	<0.0058U	<3.8U	<0.012U	<0.023U
Athletic Field	SSHS-B39	0.5-2.5	9/12/2000	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	-	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<1.8U	<0.011U	<0.022U
Athletic Field	SSHS-B40	0.5-2.5	9/12/2000	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<1.9U	<0.011U	<0.022U
Athletic Field	SSHS-B41	0.5-2.5	9/12/2000	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.37U	<0.011U	<0.022U
Athletic Field	SSHS-B42	0.5-2.5	9/12/2000	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.75U	<0.011U	<0.023U
Athletic Field	SSHS-B42-A	0.17-2	8/15/2014	<0.00079U	<0.00086U	<0.0017U	<0.00057U,*	<0.00072U	-	<0.00069U	<0.00083U	<0.00079U	<0.00077U	<0.0008U	<0.0007U,*	<0.00094U	<0.001U	<0.019J
Athletic Field	SSHS-B43	0.5-2.5	9/12/2000	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	-	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	<0.4U	<0.012U	<0.024U
Athletic Field	SSHS-B43-A	0.17-2	8/15/2014	<0.00078U	<0.00085U	<0.0017U	<0.00056U,*	<0.00071U	-	<0.00068U	<0.00082U	<0.00078U	<0.00076U	<0.00079U	<0.00069U,*	<0.00093U	<0.001U	**0.088**
Athletic Field	SSHS-B44	0.5-2.5	9/13/2000	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	-	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.36U	<0.011U	<0.022U
Athletic Field	SSHS-B45	0.5-2.5	9/13/2000	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.37U	<0.011U	<0.022U
Athletic Field	SSHS-B46	0.5-2.5	9/13/2000	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	-	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.37U	<0.011U	<0.022U
Athletic Field	SSHS-B48	0.5-2.5	9/13/2000	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U	-	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.38U	<0.012U	<0.023U
Athletic Field	SSHS-B50	0.5-2.5	9/13/2000	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.37U	<0.011U	**0.0087J**
Athletic Field	SSHS-B51	0.5-2.5	9/13/2000	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	-	<0.0055U	<0.0055U	<0.0055U	**0.032**	<0.0055U	<0.0055U	<1.8U	<0.011U	<0.022U
Athletic Field	SSHS-B52	0.5-2.5	9/13/2000	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	-	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.36U	<0.011U	<0.022U
Athletic Field	SSHS-B53	0.5-2.5	9/13/2000	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	-	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.36U	<0.011U	<0.022U
Athletic Field	SSHS-B54	0.5-2.5	9/13/2000	<0.0059U	<0.0059U	<0.0059U	<0.0059U	<0.0059U	-	<0.0059U	<0.0059U	<0.0059U	<0.0059U	<0.0059U	<0.0059U	<1.9U	<0.012U	<0.023U
Athletic Field	SSHS-B55	0.5-2.5	9/13/2000	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.38U	<0.011U	<0.023U
Athletic Field	SSHS-B56	0.5-2.5	9/13/2000	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.0052U	-	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.35U	<0.01U	<0.021U
Athletic Field	SSHS-B57	0.5-2.5	9/13/2000	<0.0053U	<0.0053U	<0.0053U	<0.0053U	<0.0053U	-	<0.0053U	<0.0053U	<0.0053U	<0.0053U	<0.0053U	<0.0053U	<0.35U	<0.011U	<0.021U
Athletic Field	SSHS-B570	0-2	8/30/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Athletic Field	SSHS-B571	0-2	8/30/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Athletic Field	SSHS-B572	0-2	8/30/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Athletic Field	SSHS-B58	0.5-2.5	9/13/2000	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.38U	<0.011U	<0.023U
Athletic Field	SSHS-B59	0.5-2.5	9/13/2000	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	-	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.36U	<0.011U	<0.022U
A-Wing	SSHS-B15	0.75-1	7/11/2000	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U	-	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.38U	<0.012U	<0.023U
A-Wing	SSHS-B15	1-1.5	7/27/2000	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.0057U	<0.0057U	<0.0057U	**0.0016J**	**0.0011J**	<0.0057U	<0.37U	<0.011U	<0.023U
Cafeteria	SSHS-B21	1-4	5/9/2000	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U	-	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.38U	<0.012U	<0.023U

TABLE 9B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				VOCs												
				Benzene	Toluene	Xylene (m & p)	1,1,1-trichloroethane	1,2-dichloroethane	1,2-Dichloroethene	Chloroform	cis-1,2-dichloroethene	Dichloromethane	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	1,2-dichlorobenzene	Methyl Ethyl Ketone	Acetone
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00042	0.00045	0.00091	0.0003	0.00038	0.0021	0.00036	0.00044	0.00042	0.00055	0.00042	0.00037	0.00049	0.00055	0.0031
Restricted Residential SCO				4.8	100		100	3.1		49	100	100	21	19	100	100	100	100
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**															
Cafeteria	SSHS-SB-1	1.5-3.5	3/31/2014	<0U	<0U	-	<0U	<0U	-	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	**0.0095**
Cafeteria	SSHS-SB-2	1.5-3.5	3/31/2014	<0U	<0U	-	<0U	<0U	-	<0U	<0U	**0.0014**	<0U	<0U	<0U	<0U	<0U	**0.011**
Cafeteria	SSHS-SB-3	1.5-3.5	3/31/2014	<0U	<0U	-	<0U	<0U	-	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	**0.023**
Cafeteria	SSHS-SB-4	1.5-3.5	3/31/2014	<0U	<0U	-	<0U	<0U	-	<0U	<0U	<0U	**0.0028**	<0U	<0U	<0U	<0U	<0U
Cafeteria	SSHS-SB-5	1.5-3.5	3/31/2014	<0U	<0U	-	<0U	<0U	-	<0U	<0U	<0U	**0.00085**	<0U	<0U	<0U	<0U	**0.025**
Cafeteria	SSHS-SB-6	1.5-3.5	3/31/2014	<0U	<0U	-	<0U	<0U	-	<0U	<0U	<0U	**0.0012**	<0U	<0U	<0U	<0U	**0.0094**
East of Gymnasium	SSHS-B25	1-4	5/9/2000	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	-	**0.0015J**	<0.0054U	<0.0054U	<0.0054U	**0.0042J**	<0.0054U	<0.35U	<0.011U	<0.021U
East of Gymnasium	SSHS-B26-A	0.17-2	8/14/2014	<0.00057U	<0.00061U	<0.0012U	<0.00041U	<0.00051U	-	<0.00049U	<0.00059U	<0.00056U	<0.00055U	<0.00057U	<0.0005U	<0.00067U	<0.00074U	<0.0042U
East of Gymnasium	SSHS-B29	1-4	5/8/2000	<0.0055U	**0.01**	<0.0014U	<0.0055U	<0.0055U	-	**0.0015J**	<0.0055U	**0.0043J**	**0.051**	**0.0029J**	<0.0055U	<0.36U	<0.011U	<0.022U
East of Gymnasium	SSHS-B29-A	0.17-2	8/13/2014	<0.00061U	<0.00066U	<0.0013U	<0.00044U	<0.00055U	-	<0.00053U	<0.00063U	<0.00061U	<0.0014J	<0.00061U	<0.00054U	<0.00072U	<0.00079U	<0.0045U
East of Gymnasium	SSHS-B30	1-4	5/8/2000	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	-	<0.0055U	<0.0055U	**0.0011J**	<0.0055U	<0.0055U	<0.0055U	<0.36U	<0.011U	<0.022U
East of Gymnasium	SSHS-B32	1-4	5/8/2000	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.0052U	-	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.35U	<0.01U	<0.021U
East of Gymnasium	SSHS-B34	1-4	5/9/2000	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	<0.0056U	<0.0056U	**0.0022J**	<0.0056U	<0.0056U	<0.0056U	<0.36U	<0.011U	<0.022U
East of Gymnasium	SSHS-B517	0-2	9/23/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East of Gymnasium	SSHS-B575A	0-2	9/19/2016	<0.0026U	<0.0032U	<0.0017U	<0.00094U	<0.00098U	<0.0021U	<0.0011U	<0.0012U	**0.0044U**	**0.0021J**	<0.0011U	<0.00089U	<0.0028U	<0.0026U	<0.0089U
East of Gymnasium	SSHS-B575B	0-2	9/19/2016	<0.0031U	<0.0037U	<0.002U	<0.0011U	<0.0011U	<0.0024U	<0.0013U	<0.0014U	**0.0051U**	**0.0031J**	<0.0013U	<0.001U	<0.0033U	<0.0031U	<0.01U
East of Gymnasium	SSHS-B575C	0-2	9/19/2016	<0.0064U	<0.0077U	<0.0041U	<0.0023U	<0.0024U	<0.005U	<0.0026U	<0.0028U	**0.011U**	**0.04**	<0.0026U	<0.0022U	<0.0069U	<0.0063U	<0.022U
East of Gymnasium	SSHS-B99	0.17-2	8/13/2014	<0.00058U	<0.00063U	<0.0013U	<0.00042U	<0.00053U	-	<0.0005U	<0.00061U	<0.00058U	<0.00057U	<0.00059U	<0.00051U	<0.00069U	<0.00076U	<0.0076J
Football Field	SSHS-B410	0-2	8/25/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-B424	0-2	8/22/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-B429	0.17-2	8/26/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-B432	0-2	8/22/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-B434	0-2	8/22/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-B448	0-2	8/25/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-B450	0-2	8/25/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB1	0.5-2	6/29/2000	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.0057U	<0.0057U	<0.0057U	**0.024**	**0.013**	<0.0057U	<0.38U	<0.011U	**0.0064J**
Football Field	SSHS-FB10	1-3	6/29/2000	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U	-	<0.0058U	<0.0058U	<0.0058U	**0.034**	**0.01**	<0.0058U	<0.39U	<0.012U	<0.023U
Football Field	SSHS-FB11	1-3	6/29/2000	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	-	<0.006U	<0.006U	<0.006U	<0.024U	**0.0031J**	<0.006U	<0.39U	<0.012U	<0.024U
Football Field	SSHS-FB2	0.5-1	6/29/2000	<0.006U	<0.006U	**0.0013J**	**0.0017J**	<0.006U	-	<0.006U	<0.006U	<0.006U	**0.007**	**0.0029J**	<0.006U	**0.73**	<0.012U	**0.0089J**
Football Field	SSHS-FB5	1-1.5	8/14/2000	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	-	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	-	<0.012U	<0.024U

TABLE 9B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				VOCs													
				Benzene	Toluene	Xylene (m & p)	1,1,1-trichloroethane	1,2-dichloroethane	1,2-Dichloroethene	Chloroform	cis-1,2-dichloroethene	Dichloromethane	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	1,2-dichlorobenzene	Methyl Ethyl Ketone	Acetone
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00042	0.00045	0.00091	0.0003	0.00038	0.0021	0.00036	0.00044	0.00042	0.00055	0.00042	0.00037	0.00049	0.00055	0.0031
Restricted Residential SCO				4.8	100		100	3.1		49	100	100	21	19	100	100	100	100
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**															
Football Field	SSHS-FB5-A	1.5-1.5	7/21/2014	<0.00079U	<0.00085U	<0.0017U	<0.00057U	<0.00072U	-	<0.00069U	<0.00082U	<0.00079U	**0.02**	<0.0008U	<0.0007U	<0.00093U	<0.001U	<0.0059U
Football Field	SSHS-FB5-B	1.5-1.5	7/21/2014	<0.00063U	<0.00068U	<0.0014U	<0.00045U	<0.00057U	-	<0.00055U	<0.00066U	<0.0007U	**0.015**	<0.00063U	<0.00056U	<0.00074U	<0.00082U	<0.0066U
Football Field	SSHS-FB5-C	1.5-1.5	7/21/2014	<0.00076U	<0.00082U	<0.0017U	<0.00055U	<0.00069U	-	<0.00066U	<0.00079U	<0.00076U	**0.19**	<0.00077U	<0.00067U	<0.0009U	<0.00099U	<0.0056U
Football Field	SSHS-FB5-D	1.5-1.5	7/21/2014	<0.0005U	<0.00054U	<0.0011U	<0.00036U	<0.00045U	-	<0.00043U	<0.00052U	<0.00049U	**0.069**	<0.0005U	<0.00044U	<0.00059U	<0.00065U	<0.0037U
Football Field	SSHS-FB5-E	1.5-1.5	7/21/2014	<0.00067U	<0.00073U	<0.0015U	<0.00048U	<0.00061U	-	<0.00058U	<0.0007U	<0.00067U	<0.0028J	<0.00068U	<0.00059U	<0.00079U	<0.00088U	<0.005U
Football Field	SSHS-FB6	1-1.5	8/14/2000	-	-	-	-	-	-	-	-	-	-	-	-	<0.38U	-	-
Football Field	SSHS-FB6	1-2	6/29/2000	<0.006U	<0.006U	<0.006U	**0.011**	**0.014**	-	**0.0018J**	<0.006U	<0.006U	**0.14**	**0.025**	<0.006U	<4U	<0.012U	<0.024U
Football Field	SSHS-FB6	1-3	6/29/2000	**0.0013J**	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	**0.0025J**	<0.0056U	**0.0015J**	**0.011**	**0.017**	<0.0056U	<0.37U	**0.035**	**0.17**
Football Field	SSHS-FB7	1-3	6/29/2000	<0.0061U	<0.0061U	<0.0061U	<0.0061U	<0.0061U	-	<0.0061U	<0.0061U	<0.0061U	<0.0061U	<0.0061U	<0.0061U	<0.4U	<0.012U	<0.024U
Football Field	SSHS-FB9	1-2	6/29/2000	<0.0062U	<0.0062U	<0.0062U	<0.0062U	<0.0062U	-	<0.0062U	<0.0062U	<0.0062U	<0.0062U	**0.03**	<0.0062U	<0.41U	<0.012U	<0.025U
Football Field North	SSHS-B2	1-2	5/12/2000	<0.0063U	<0.0063U	<0.0063U	<0.0063U	<0.0063U	-	<0.0063U	<0.0063U	<0.0063U	<0.0063U	<0.0063U	<0.0063U	<0.41U	<0.013U	<0.025U
Football Field North	SSHS-B447	0-2	8/24/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field North	SSHS-B449	0-2	8/30/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field North	SSHS-B49	0.5-2.5	9/13/2000	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.38U	<0.011U	<0.023U
Football Field North	SSHS-B6	1-3	5/11/2000	<0.0055U	<0.055U	<0.055U	<0.055U	<0.0055U	-	**0.0013J**	<0.0055U	<0.0055U	**0.0014J**	**0.0086**	<0.0055U	<0.36U	<0.011U	<0.022U
F-Wing	SSHS-B18	1-3	5/10/2000	<0.0055U	**0.0014J**	<0.0055U	<0.0055U	<0.0055U	-	<0.0055U	<0.0055U	<0.0055U	**0.04**	**0.0048J**	<0.0055U	<0.37U	<0.011U	<0.022U
F-Wing	SSHS-B92	0.17-2	8/12/2014	<0.00062U	<0.00067U	<0.0013U	<0.00045U	<0.00056U	-	<0.00054U	<0.00065U	<0.00062U	**0.061**	<0.00062U	<0.00055U,*	<0.00073U	<0.00081U	<0.0046U
F-Wing	SSHS-B93	0.17-2	8/12/2014	<0.00061U	<0.00066U	<0.0013U	<0.00044U	<0.00055U	-	<0.00053U	<0.00063U	<0.00061U	<0.00059U	<0.00061U	<0.00054U	<0.00072U	<0.00079U	<0.0045U
F-Wing	SSHS-B94	0.17-2	8/12/2014	<0.00056U	<0.00061U	<0.0012U	<0.0004U	<0.00051U	-	<0.00049U	<0.00058U	<0.00056U	<0.0017J	<0.00056U	<0.00049U	<0.00066U	<0.00073U	<0.0041U
F-Wing	SSHS-B95	0.17-2	8/12/2014	<0.00056U	<0.0006U	<0.0012U	<0.0004U	<0.00051U	-	<0.00048U	<0.00058U	<0.00055U	<0.0029J	<0.00056U	<0.00049U,*	<0.00066U	<0.00073U	<0.0041U
F-Wing	SSHS-B96	0.17-2	8/12/2014	<0.00065U	<0.00071U	<0.0014U	<0.00047U	<0.00059U	-	<0.00057U	<0.00068U	<0.00065U	<0.00067J	<0.00066U	<0.00058U	<0.00077U	<0.00085U	**0.14**
F-Wing	SSHS-B98	0.17-2	8/13/2014	<0.00081U	<0.00088U	<0.0018U	<0.00058U	<0.00074U	-	<0.0007U	<0.00085U	<0.00081U	<0.00079U	<0.00082U	<0.00072U	<0.00096U	<0.0011U	**0.082**
F-Wing	SSHS-MW47	0-2	8/29/2016	<0.76U	<0.91U	<0.49U	<0.27U	<0.28U	**19J**	<0.31U	**19J**	<0.14U	**14J**	<0.31U	**0.29J**	<0.81U	<0.75U	<2.6UJ
K-Wing	SSHS-B19	1-4	5/9/2000	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	<0.0019J	<0.0056U	**0.0038J**	**0.0067**	**0.028**	<0.0056U	<0.37U	<0.011U	<0.022U
K-Wing	SSHS-B97	0.17-2	8/13/2014	<0.00066U	<0.00071U	<0.0014U	<0.00048U	<0.0006U	-	<0.00057U	<0.00069U	<0.00066U	<0.00064U	<0.00067U	<0.00058U	<0.00078U	<0.00086U	<0.0049U
Main Parking Lot	SSHS-B16	1-2	5/10/2000	<0.0057U	**0.0017**	<0.0057U	<0.0057U	<0.0057U	-	<0.0057U	<0.0057U	**0.0016J**	**0.015**	**0.022**	<0.0057U	<0.38U	<0.011U	<0.023U
Main Parking Lot	SSHS-B17	1-3	5/10/2000	<0.0062U	<0.0062U	<0.0062U	<0.0062U	<0.0062U	-	<0.0062U	<0.0062U	<0.0062U	**0.032**	**0.0036J**	<0.0062U	<0.41U	<0.012U	<0.025U
Main Parking Lot	SSHS-B574	0-2	8/29/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Main Parking Lot	SSHS-B73	0.17-2	8/13/2014	<0.00068U	<0.00074U	<0.0015U	<0.00049U	<0.00062U	-	<0.00059U	<0.00071U	<0.00068U	<0.0028J	<0.00069U	<0.0006U	<0.00081U	<0.00089U	<0.0051U
Main Parking Lot	SSHS-B74	0.17-2	8/13/2014	<0.00077U	<0.00083U	<0.0017U	<0.00055U	<0.0007U	-	<0.00066U	<0.0008U	<0.00076U	<0.00075U	<0.00077U	<0.00068U	<0.0009U	<0.001U	<0.0057U

TABLE 9B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				VOCs													
				Benzene	Toluene	Xylene (m & p)	1,1,1-trichloroethane	1,2-dichloroethane	1,2-Dichloroethene	Chloroform	cis-1,2-dichloroethene	Dichloromethane	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	1,2-dichlorobenzene	Methyl Ethyl Ketone	Acetone
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00042	0.00045	0.00091	0.0003	0.00038	0.0021	0.00036	0.00044	0.00042	0.00055	0.00042	0.00037	0.00049	0.00055	0.0031
Restricted Residential SCO				4.8	100		100	3.1		49	100	100	21	19	100	100	100	100
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**															
Main Parking Lot	SSHS-B78	0.17-2	8/14/2014	<0.00072U	<0.00078U	<0.0016U	<0.00052U	<0.00065U	-	<0.00062U	<0.00075U	<0.00072U	<0.0007U	<0.00073U	<0.00064U	<0.00085U	<0.00094U	<0.0053U
Main Parking Lot	SSHS-B79	0.17-2	8/14/2014	<0.00083U	<0.0009U	<0.0018U	<0.0006U	<0.00075U	-	<0.00072U	<0.00086U	<0.00083U	<0.00081U	<0.00084U	<0.00073U	<0.00098U	<0.0011U	<0.0061U
Main Parking Lot	SSHS-B80	0.17-2	8/14/2014	<0.0007U	<0.00075U	<0.0015U	<0.0005U	<0.00063U	-	<0.0006U	<0.00073U	<0.00069U	<0.00068U	<0.0007U	<0.00061U	<0.00082U	<0.00091U	<0.0052U
Main Parking Lot	SSHS-B81	0.17-2	8/14/2014	<0.0007U	<0.00075U	<0.0015U	<0.0005U	<0.00063U	-	<0.0006U	<0.00072U	<0.00069U	<0.00068U	<0.0007U	<0.00061U	<0.00082U	<0.00091U	<0.0052U
Main Parking Lot	SSHS-B82	0.17-2	8/13/2014	<0.00066U	<0.00071U	<0.0014U	<0.00047U	<0.0006U	-	<0.00057U	<0.00068U	<0.00065U	<0.00064J	<0.00066U	<0.00058U	<0.00078U,*	<0.00086U	<0.0053J
Main Parking Lot	SSHS-B83	0.17-2	8/14/2014	<0.00063U	<0.00068U	<0.0014U	<0.00045U	<0.00057U	-	<0.00054U	<0.00065U	<0.00062U	<0.00061U	<0.00063U	<0.00055U	<0.00074U	<0.00082U	<0.0046U
Main Parking Lot	SSHS-B84	0.17-2	8/14/2014	<0.00067U	<0.00072U	<0.0015U	<0.00048U	<0.00061U	-	<0.00058U	<0.0007U	<0.00067U	<0.00065U	<0.00067U	<0.00059U	<0.00079U	<0.00087U	<0.005U
Main Parking Lot	SSHS-B85	0.17-2	8/13/2014	<0.00076U	<0.00082U	<0.0017U	<0.00055U	<0.00069U	-	<0.00066U	<0.00079U	<0.00076U	<0.00074U	<0.00077U	<0.00067U	<0.0009U	<0.001U	<0.0056U
Main Parking Lot	SSHS-B86	0.17-2	8/13/2014	<0.00074U	<0.0008U	<0.0016U	<0.00053U	<0.00067U	-	<0.00064U	<0.00077U	<0.00074U	<0.00072U	<0.00075U	<0.00065U	<0.00088U	<0.00097U	<0.0055U
Main Parking Lot	SSHS-B87	0.17-2	8/14/2014	<0.00061U	<0.00065U	<0.0013U	<0.00044U	<0.00055U	-	<0.00052U	<0.00063U	<0.0006U	<0.00059U	<0.00061U	<0.00053U	<0.00072U	<0.00079U	<0.0045U
Main Parking Lot	SSHS-B88	0.17-2	8/13/2014	<0.00069U	<0.00075U	<0.0015U	<0.0005U	<0.00063U	-	<0.0006U	<0.00072U	<0.00069U	<0.00068U	<0.0007U	<0.00061U	<0.00082U	<0.00091U	<0.0051U
Main Parking Lot	SSHS-B89	0.17-2	8/13/2014	<0.00059U	<0.00064U	<0.0013U	<0.00042U	<0.00053U	-	<0.00051U	<0.00061U	<0.00059U	<0.00057U	<0.00059U	<0.00052U	<0.0007U	<0.00077U	<0.0044U
Main Parking Lot	SSHS-B90	0.17-2	8/13/2014	<0.00042U	<0.00045U	<0.00091U	<0.0003U	<0.00038U	-	<0.00036U	<0.00044U	<0.00042U	<0.00075J	<0.00042U	<0.00037U	<0.00049U	<0.00055U	<0.0031U
Main Parking Lot	SSHS-B91	0.17-2	8/13/2014	<0.00091U	<0.00098U	<0.002U	<0.00065U	<0.00082U	-	<0.00078U	<0.00094U	<0.0009U	<0.00088U	<0.00091U	<0.0008U	<0.0011U	<0.0012U	<0.01J
Rear Parking Lot	SSHS-B100	0.17-2	8/15/2014	<0.0007U	<0.00076U	<0.0015U	<0.00051U,*	<0.00064U	-	<0.00061U	<0.00073U	<0.0007U	<0.00068U	<0.00071U	<0.00062U,*	<0.00083U	<0.00092U	**0.024**
Rear Parking Lot	SSHS-B101	0.17-2	8/14/2014	<0.00054U	<0.00059U	<0.0012U	<0.00039U	<0.00049U	-	<0.00047U	<0.00057U	<0.00054U	<0.00094J	<0.00055U	<0.00048U	<0.00064U	<0.00071U	<0.004U
Rear Parking Lot	SSHS-B23	1-4	5/9/2000	<0.0065U	<0.0065U	<0.0065U	<0.0065U	<0.0065U	-	**0.0017J**	<0.0065U	**0.0065J**	<0.0065U	**0.0088**	<0.0065U	<0.43U	<0.013U	<0.026U
Rear Parking Lot	SSHS-B24	1-4	5/9/2000	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U	-	**0.0029J**	<0.0058U	**0.0026J**	<0.0058U	**0.075**	<0.0058U	<0.38U	<0.012U	<0.023U
Rear Parking Lot	SSHS-B518	0-2	9/16/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B519	0-2	9/22/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B520	0-2	9/22/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B522	0-2	9/16/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B524	0-2	9/23/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B555	0-2	9/16/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B557	0-2	9/7/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B558	0-2	9/7/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B559	0-2	9/7/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B560	0-2	9/7/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B568	0-2	9/21/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B64	0.17-2	8/14/2014	<0.00056U	<0.00061U	<0.0012U	<0.00041U	<0.00051U	-	<0.00049U	<0.00059U	<0.00056U	<0.00055U	<0.00057U	<0.0005U	<0.00067U	<0.00074U	<0.0042U

TABLE 9B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				VOCs													
				Benzene	Toluene	Xylene (m & p)	1,1,1-trichloroethane	1,2-dichloroethane	1,2-Dichloroethene	Chloroform	cis-1,2-dichloroethene	Dichloromethane	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	1,2-dichlorobenzene	Methyl Ethyl Ketone	Acetone
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00042	0.00045	0.00091	0.0003	0.00038	0.0021	0.00036	0.00044	0.00042	0.00055	0.00042	0.00037	0.00049	0.00055	0.0031
Restricted Residential SCO				4.8	100		100	3.1		49	100	100	21	19	100	100	100	100
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**															
Rear Parking Lot	SSHS-B65	0.17-2	8/14/2014	<0.00062U	<0.00067U	<0.0013U	<0.00045U	<0.00056U	-	<0.00054U	<0.00065U	<0.00062U	<0.0006U	<0.00062U	<0.00055U	<0.00073U	<0.00081U	<0.0046U
Rear Parking Lot	SSHS-B66	0.17-2	8/14/2014	<0.00063U	<0.00068U	<0.0014U	<0.00045U	<0.00057U	-	<0.00054U	<0.00066U	<0.00063U	<0.0024J	<0.00063U	<0.00056U	<0.00074U	<0.00082U	<0.0047U
Rear Parking Lot	SSHS-B67	0.17-2	8/14/2014	<0.00075U	<0.00081U	<0.0016U	<0.00054U	<0.00068U	-	<0.00065U	<0.00078U	<0.00074U	<0.0025J	<0.00075U	<0.00066U	<0.00088U	<0.00098U	<0.0055U
Rear Parking Lot	SSHS-B68	0.17-2	8/14/2014	<0.00069U	<0.00075U	<0.0015U	<0.0005U	<0.00063U	-	<0.0006U	<0.00072U	<0.00069U	<0.0015J	<0.0007U	<0.00061U	<0.00082U	<0.0009U	<0.0051U
Rear Parking Lot	SSHS-B69	0.17-2	8/14/2014	<0.00057U	<0.00061U	<0.0012U	<0.00041U	<0.00052U	-	<0.00049U	<0.00059U	<0.00057U	<0.00055U	<0.00057U	<0.0005U	<0.00067U	<0.00074U	<0.0042U

TABLE 9B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				VOCs													
				Benzene	Toluene	Xylene (m & p)	1,1,1-trichloroethane	1,2-dichloroethane	1,2-Dichloroethene	Chloroform	cis-1,2-dichloroethene	Dichloromethane	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	1,2-dichlorobenzene	Methyl Ethyl Ketone	Acetone
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00042	0.00045	0.00091	0.0003	0.00038	0.0021	0.00036	0.00044	0.00042	0.00055	0.00042	0.00037	0.00049	0.00055	0.0031
Restricted Residential SCO				4.8	100		100	3.1		49	100	100	21	19	100	100	100	100
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**															
South Athletic Field	SSHS-B70	0.17-2	8/14/2014	<0.0008U	<0.00087U	<0.0017U	<0.00058U,*	<0.00073U	-	<0.0007U	<0.00084U	<0.0008U	<0.00078U	<0.00081U	<0.00071U,*	<0.00095U	<0.001U	<0.0059U
Tennis Court	SSHS-B37	0.5-2.5	9/12/2000	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.0052U	-	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.34U	<0.01U	<0.021U
Tennis Court	SSHS-B38	1-4.5	9/12/2000	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<1.8U	<0.011U	<0.022U
Tennis Court	SSHS-B399	0-2	8/25/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tennis Court	SSHS-B402	0-2	8/30/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tennis Court	SSHS-B404	0-2	8/25/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tennis Court	SSHS-B405	0.17-1	8/25/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tennis Court	SSHS-B405	1-2	8/25/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tennis Court	SSHS-B406	0.17-1	8/25/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tennis Court	SSHS-B406	1-2	8/25/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tennis Court	SSHS-B71	0.17-2	8/15/2014	<0.00072U	<0.00077U	<0.0016U	<0.00052U,*	<0.00065U	-	<0.00062U	<0.00075U	<0.00071U	<0.0007U	<0.00072U	<0.00063U,*	<0.00085U	<0.00093U	<0.0061J
Tennis Court	SSHS-B72	0.17-2	8/15/2014	<0.00062U	<0.00066U	<0.0013U	<0.00044U,*	<0.00056U	-	<0.00053U	<0.00064U	<0.00061U	<0.0006U	<0.00062U	<0.00054U,*	<0.00073U	<0.0008U	<0.0046U
Tennis Court	SSHS-B75	0.17-2	8/14/2014	<0.00074U	<0.0008U	<0.0016U	<0.00054U	<0.00067U	-	<0.00064U	<0.00077U	<0.00074U	<0.00072U	<0.00075U	<0.00066U	<0.00088U	<0.00097U	<0.0055U
Tennis Court	SSHS-B76	0.17-2	8/14/2014	<0.00064U	<0.00069U	<0.0014U	<0.00046U	<0.00058U	-	<0.00055U	<0.00066U	<0.00063U	<0.00062U	<0.00064U	<0.00056U	<0.00075U	<0.00083U	<0.0047U
Tennis Court	SSHS-B77	0.17-2	8/14/2014	<0.00066U	<0.00071U	<0.0014U	<0.00048U	<0.0006U	-	<0.00057U	<0.00069U	<0.00066U	<0.00064U	<0.00066U	<0.00058U	<0.00078U	<0.00086U	<0.0049U
Tennis Courts	SSHS-B36	0.5-2.5	9/12/2000	<0.0053U	<0.0053U	<0.0053U	<0.0053U	<0.0053U	-	<0.0053U	<0.0053U	<0.0053U	<0.0053U	<0.0053U	<0.0053U	<0.35U	<0.011U	<0.021U

Notes:
J: estimated value
U: non-detect
N*: identification is based on presumptive evidence
mg/kg: milligrams per kilogram
- : not analyzed
EQL: Quantitation Limit
SVOCs: semi-volatile organic compounds
VOCs: volatile organic compounds
Only consituents with at least one detection are shown.
Detections are presented in bold.
Concentrations detected above the Restricted Residential Soil Cleanup Objectives (SCOs) presented in 6 NYCRR Subpart 375 are shown in gray.

TABLE 9B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Inorganics		Metals																
				Cyanide Total	Sodium	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (III+VI)	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.15	140	10	0.19	0.51	10	0.21	0.014	260	0.26	2.6	1.3	5.2	0.52	260	0.77	0.016	2.1	260	0.26
Restricted Residential SCO				27				16	400	72	4.3		110		270		400		2000	0.81	310		180
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																				
Athletic Field	SSHS-B11	1-3	5/10/2000	<1.14U	-	-	-	**8.4**	**79.3**	<0.56U	<0.56U	-	**12.3**	-	**40.8**	-	**70.8**	-	-	**1.4**	**18.1**	-	<0.56U
Athletic Field	SSHS-B12	1-4	5/10/2000	<1.16U	-	-	-	**4.5**	**105**	<0.55U	<0.55U	-	**11.1**	-	**21.7**	-	**19.1**	-	-	<0.06U	**15.1**	-	<0.56U
Athletic Field	SSHS-B13	1-2	5/10/2000	<1.17U	-	-	-	**12.4**	**93.2**	<0.57U	<0.57U	-	**12.6**	-	**51.1**	-	**46.8**	-	-	**0.09**	**19.5**	-	**0.86**
Athletic Field	SSHS-B39	0.5-2.5	9/12/2000	**0.00178**	-	-	<1.09U	**5.16**	**83.8**	<0.554U	<0.554U	-	**10.1**	**7.07**	**34.4**	-	**56**	-	-	**1.98**	**22.6**	-	**1.57**
Athletic Field	SSHS-B40	0.5-2.5	9/12/2000	<0.00112U	-	-	<1.12U	**5.82**	**91.4**	<0.561U	<0.561U	-	**14**	**7.16**	**43**	-	**50.2**	-	-	**0.245**	**25.7**	-	**1.68**
Athletic Field	SSHS-B41	0.5-2.5	9/12/2000	<0.00112U	-	-	<1.12U	**8.93**	**146**	**0.601**	<0.562U	-	**16.5**	**7.11**	**60.1**	-	**110**	-	-	**0.124**	**22**	-	**1.73**
Athletic Field	SSHS-B42	0.5-2.5	9/12/2000	<0.00113U	-	-	<3.93U	**32.1**	**153**	**1.12**	**0.612**	-	**74.1**	**14.6**	**4080**	-	**783**	-	-	**0.103**	**517**	-	**3.43**
Athletic Field	SSHS-B42-A	0.17-2	8/15/2014	**1.2**	<73J	**8000**	<0.22U	**9.3**	**150**	**0.46**	<0.15J	**3200**	**13B**	**7.1**	**43**	**18000**	**36**	**1900**	**320**	**0.067**	**20**	**900**	<0.46J
Athletic Field	SSHS-B43	0.5-2.5	9/12/2000	<0.0012U	-	-	<1.2U	**7.02**	**241**	<0.6U	<0.6U	-	**10.5**	**6.82**	**36.5**	-	**2210**	-	-	**0.0617**	**16**	-	<0.6U
Athletic Field	SSHS-B43-A	0.17-2	8/15/2014	<0.39J	<69J	**8200**	<0.23U	**8.4**	**88**	<0.43J	<0.097J	**2000**	**12**	**6.8**	**33**	**19000**	**22**	**2100**	**460**	**0.044**	**19B**	**840**	<0.56J
Athletic Field	SSHS-B44	0.5-2.5	9/13/2000	<0.0011U	-	-	<1.1U	**5.06**	**81.5**	<0.55U	<0.55U	-	**10**	**7.18**	**22.2**	-	**23.8**	-	-	**0.0636**	**14.7**	-	**1.43**
Athletic Field	SSHS-B45	0.5-2.5	9/13/2000	<0.00111U	-	-	<1.11U	**7.28**	**62.4**	<0.557U	<0.557U	-	**8.36**	**6.67**	**23.1**	-	**26.1**	-	-	<0.0557U	**13.5**	-	**0.994**
Athletic Field	SSHS-B46	0.5-2.5	9/13/2000	<0.00111U	-	-	<1.11U	**6.68**	**103**	**0.568**	<0.555U	-	**8.88**	**7.2**	**19.4**	-	**29.9**	-	-	<0.0555U	**13.3**	-	**1.33**
Athletic Field	SSHS-B48	0.5-2.5	9/13/2000	<0.00116U	-	-	<1.16U	**4.07**	**58.5**	<0.578U	<0.578U	-	**8.02**	<5.78U	**8.18**	-	**8.15**	-	-	<0.0578U	**12**	-	<0.578U
Athletic Field	SSHS-B50	0.5-2.5	9/13/2000	<0.00114U	-	-	<1.1UN	**6.1**	**112**	<0.57U	<0.57U	-	**13.9**	**9.5**	**42.7N**	-	**22.2**	-	-	<0.05U	**20.6**	-	<0.57U
Athletic Field	SSHS-B51	0.5-2.5	9/13/2000	<0.00109U	-	-	<1.09U	**7.76**	**98.9**	<0.545U	<0.545U	-	**10.1**	**7.79**	**28.6**	-	**14.8**	-	-	<0.0545U	**17.2**	-	**0.618**
Athletic Field	SSHS-B52	0.5-2.5	9/13/2000	<0.00108U	-	-	<1.08U	**8.28**	**61.2**	<0.542U	<0.542U	-	**12.1**	**9.08**	**30.3**	-	**10.5**	-	-	<0.0542U	**19.6**	-	**0.777**
Athletic Field	SSHS-B53	0.5-2.5	9/13/2000	<0.0011U	-	-	<1.1U	**3.38**	**51.3**	<0.549U	<0.549U	-	**6.77**	<5.49U	**12.1**	-	**11.2**	-	-	<0.0549U	**9.78**	-	**0.67**
Athletic Field	SSHS-B54	0.5-2.5	9/13/2000	<0.00117U	-	-	<1.17U	**2.35**	**112**	<0.587U	<0.587U	-	**11**	**6.44**	**12.8**	-	**16.2**	-	-	**0.111**	**14**	-	**0.68**
Athletic Field	SSHS-B55	0.5-2.5	9/13/2000	<0.00114U	-	-	<1.14U	**7.07**	**94.4**	<0.57U	<0.57U	-	**8.3**	**6.36**	**27.7**	-	**174**	-	-	**0.112**	**13.9**	-	**1.6**
Athletic Field	SSHS-B56	0.5-2.5	9/13/2000	<0.00105U	-	-	<1.05U	**3.86**	**39.2**	<0.524U	<0.524U	-	**7.01**	**5.51**	**20.2**	-	**5.79**	-	-	<0.0524U	**12.6**	-	**0.717**
Athletic Field	SSHS-B57	0.5-2.5	9/13/2000	<0.00105U	-	-	<1.05U	**3.05**	**32.4**	<0.526U	<0.526U	-	**7.45**	**5.99**	**26.6**	-	**13.3**	-	-	<0.0526U	**13.7**	-	<0.526U
Athletic Field	SSHS-B570	0-2	8/30/2016	-	<150U	**8000**	<0.39UJ	**7.8**	**75**	**0.38J**	**0.57**	**3700J**	**13**	**6.5**	**17**	**17000**	**11**	**2900**	**410F2**	**0.18J+**	**16**	**590**	<0.43U
Athletic Field	SSHS-B571	0-2	8/30/2016	-	<150U	**9100**	<0.37U	**8.6**	**94**	**0.5**	**0.64**	**7100**	**12**	**8.2**	**17**	**18000**	**24**	**3400**	**520**	**0.16**	**19**	**680**	**0.41J**
Athletic Field	SSHS-B572	0-2	8/30/2016	-	<150U	**8400**	**0.38J**	**8.2**	**81**	**0.42**	**0.64**	**12000**	**14**	**7.8**	**21**	**18000**	**21**	**5200**	**540**	**0.15**	**18**	**730**	<0.42U
Athletic Field	SSHS-B58	0.5-2.5	9/13/2000	<0.00114U	-	-	<1.14U	**4.91**	**98.9**	<0.569U	<0.569U	-	**10.4**	**6.94**	**28.4**	-	**16.6**	-	-	**0.0658**	**14.7**	-	**1.22**
Athletic Field	SSHS-B59	0.5-2.5	9/13/2000	<0.00109U	-	-	<1.09U	**6.76**	**68.8**	<0.544U	<0.544U	-	**9.71**	**7.88**	**21.8**	-	**9.82**	-	-	<0.0544U	**17.6**	-	**0.959**
A-Wing	SSHS-B15	0.75-1	7/11/2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A-Wing	SSHS-B15	1-1.5	7/27/2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cafeteria	SSHS-B21	1-4	5/9/2000	<1.16U	-	-	-	**13.7N***	**130**	<0.57U	**1.1**	-	<20.8U	-	**90.2N***	-	**176N***	-	-	**0.19N**	**87.8N**	-	**0.94**

TABLE 9B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Inorganics		Metals																
				Cyanide Total	Sodium	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (III+VI)	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.15	140	10	0.19	0.51	10	0.21	0.014	260	0.26	2.6	1.3	5.2	0.52	260	0.77	0.016	2.1	260	0.26
Restricted Residential SCO				27				16	400	72	4.3		110		270		400		2000	0.81	310		180
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																				
Cafeteria	SSHS-SB-1	1.5-3.5	3/31/2014	<0U	**46**	**8200**	**0.74**	**8**	**150**	**0.43**	**0.44**	**13000**	**21**	**6.4**	**59**	**19000**	**53**	**3900**	**510**	**0.057**	**58**	**470**	**0.6**
Cafeteria	SSHS-SB-2	1.5-3.5	3/31/2014	<0U	**650**	**4400**	**2**	**14**	**320**	**0.32**	**1**	**11000**	**46**	**13**	**300**	**46000**	**360**	**1400**	**750**	**0.033**	**180**	**520**	**2.1**
Cafeteria	SSHS-SB-3	1.5-3.5	3/31/2014	<0U	**190**	**7200**	**1.2**	**7.3**	**120**	**0.3**	**1.4**	**29000**	**22**	**7.9**	**95**	**32000**	**91**	**4700**	**530**	**0.048**	**79**	**570**	<0U
Cafeteria	SSHS-SB-4	1.5-3.5	3/31/2014	**6.9**	**280**	**5300**	**0.84**	**8.6**	**84**	**0.24**	**0.68**	**12000**	**20**	**6.5**	**360**	**20000**	**110**	**2500**	**590**	**0.065**	**83**	**500**	**1.2**
Cafeteria	SSHS-SB-5	1.5-3.5	3/31/2014	**3.2**	**170**	**8300**	**1.2**	**8.5**	**150**	**0.34**	**0.95**	**16000**	**52**	**7**	**99**	**24000**	**200**	**3100**	**430**	**0.055**	**200**	**540**	**0.99**
Cafeteria	SSHS-SB-6	1.5-3.5	3/31/2014	**1.9**	**150**	**7300**	**0.99**	**8.5**	**99**	**0.33**	**0.49**	**15000**	**56**	**6.7**	**97**	**20000**	**120**	**3400**	**380**	**0.057**	**140**	**570**	**1.2**
East of Gymnasium	SSHS-B25	1-4	5/9/2000	<1.07U	-	-	-	**4.7N***	**43.3**	<0.52U	<0.52U	-	**9.6**	-	**28N***	-	**20.5N***	-	-	<0.05UN	**18N**	-	<0.52U
East of Gymnasium	SSHS-B26-A	0.17-2	8/14/2014	<0.58U	<50J	**9100**	<0.22U	**7.8**	**110**	<0.42J	<0.11J	**21000**	**12**	**7.5**	**23**	**19000**	**25**	**3800**	**410**	<0.024J	**31**	**730**	<0.46J
East of Gymnasium	SSHS-B29	1-4	5/8/2000	<1.09U	-	-	-	**5.9N**	**59.4**	<0.54U	<0.54U	-	**12.2**	-	**56***	-	**31***	-	-	<0.05U	**43.9***	-	<0.54U
East of Gymnasium	SSHS-B29-A	0.17-2	8/13/2014	**1.9**	<530U	**7900**	<0.21U	**8.2**	**97**	<0.39J	<0.12J	**10000**	**14B**	**7.2**	**61**	**19000**	**56**	**4200**	**460**	<0.032J	**82B**	**700**	<0.37J
East of Gymnasium	SSHS-B30	1-4	5/8/2000	<1.1U	-	-	-	**6.8N**	**121**	<0.54U	<0.54U	-	**15.7**	-	**57.7***	-	**45.5***	-	-	<0.05U	**51.5***	-	<0.54U
East of Gymnasium	SSHS-B32	1-4	5/8/2000	<1.05U	-	-	-	**2.5N**	**32.6**	<0.52U	<0.52U	-	**6.3**	-	**17.8***	-	**7.3***	-	-	<0.05U	**13**	-	<0.52U
East of Gymnasium	SSHS-B34	1-4	5/9/2000	<0.00206	-	-	-	<2.6N*	**165**	<0.53U	<0.53U	-	<7.3U	-	**31.3N***	-	**21.9N***	-	-	<0.06N	**255N**	-	<0.54U
East of Gymnasium	SSHS-B517	0-2	9/23/2016	-	**370J**	**6900**	**0.78J**	**13**	**160**	**0.39**	<0.47U	**5800**	**23**	**9.9**	**69**	**27000**	**73**	**2900**	**530**	**0.056**	**94**	**600**	<0.37U
East of Gymnasium	SSHS-B575A	0-2	9/19/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East of Gymnasium	SSHS-B575B	0-2	9/19/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East of Gymnasium	SSHS-B575C	0-2	9/19/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East of Gymnasium	SSHS-B99	0.17-2	8/13/2014	<0.55J	<570U	**8800**	<0.23U	**10**	**92B**	**0.45**	<0.57U	**9200**	**14**	**8**	**48**	**19000**	**36**	**3800**	**450**	**0.047**	**94**	**710B**	<0.45J
Football Field	SSHS-B410	0-2	8/25/2016	-	<160U	**11000**	<0.4UJ	**6.4**	**110**	**0.55**	**0.17J**	**2500**	**27**	**9.2**	**17**	**21000**	**16**	**3300**	**510J**	**0.045B**	**22**	**1000**	<0.45U
Football Field	SSHS-B424	0-2	8/22/2016	-	<140U	**8600**	<0.35U	**9**	**140**	**0.45**	**0.66**	**8100**	**13**	**7.9**	**27**	**19000**	**42**	**3200**	**530**	**0.1**	**20**	**700**	<0.4U
Football Field	SSHS-B429	0.17-2	8/26/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-B432	0-2	8/22/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-B434	0-2	8/22/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-B448	0-2	8/25/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-B450	0-2	8/25/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB1	0.5-2	6/29/2000	<1.14U	-	-	-	**7.3**	**165**	<0.55U	<0.55U	-	**134**	-	**92.6**	-	**123**	-	-	**0.26**	**62.2**	-	**0.74**
Football Field	SSHS-FB10	1-3	6/29/2000	<1.17U	-	-	-	**6.6**	**118**	<0.56U	<0.56U	-	**10.2**	-	**25.2**	-	**62.3**	-	-	**0.24**	**16.6**	-	<0.57U
Football Field	SSHS-FB11	1-3	6/29/2000	<1.19U	-	-	-	**12.6**	**189**	**0.74**	<0.6U	-	**14.5**	-	**172**	-	**76.2**	-	-	**0.21**	**27.5**	-	**0.91**
Football Field	SSHS-FB2	0.5-1	6/29/2000	<1.21U	-	-	-	**5.7**	**76.4**	**0.65**	<0.59U	-	**12.9**	-	**17**	-	**16.4**	-	-	<0.06U	**22.4**	-	<0.6U
Football Field	SSHS-FB5	1-1.5	8/14/2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 9B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Inorganics		Metals																
				Cyanide Total	Sodium	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (III+VI)	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.15	140	10	0.19	0.51	10	0.21	0.014	260	0.26	2.6	1.3	5.2	0.52	260	0.77	0.016	2.1	260	0.26
Restricted Residential SCO				27				16	400	72	4.3		110		270		400		2000	0.81	310		180
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																				
Football Field	SSHS-FB5-A	1.5-1.5	7/21/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB5-B	1.5-1.5	7/21/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB5-C	1.5-1.5	7/21/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB5-D	1.5-1.5	7/21/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB5-E	1.5-1.5	7/21/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB6	1-1.5	8/14/2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB6	1-2	6/29/2000	<1.2U	-	-	-	**8.2**	**68.6**	<0.58U	<0.58U	-	**10.4**	-	**55.7**	-	**36.6**	-	-	**0.06**	**21.5**	-	**0.99**
Football Field	SSHS-FB6	1-3	6/29/2000	<1.12U	-	-	-	**7.1**	**171**	<0.54U	<0.54U	-	**9.3**	-	**23.8**	-	**29.9**	-	-	<0.05U	**49.7**	-	<0.67U
Football Field	SSHS-FB7	1-3	6/29/2000	<1.22U	-	-	-	**6.4**	**115**	<0.59U	<0.59U	-	**11.6**	-	**54.9**	-	**82**	-	-	**0.07**	**44.6**	-	<0.59U
Football Field	SSHS-FB9	1-2	6/29/2000	<1.23U	-	-	-	**6.1**	**102**	<0.6U	<0.6U	-	**11**	-	**56.2**	-	**63.9**	-	-	**0.07**	**20.5**	-	<0.6U
Football Field North	SSHS-B2	1-2	5/12/2000	<1.25U	-	-	-	**7**	**136***	<0.61U	<0.61U	-	**14**	-	**15.9**	-	**16.7**	-	-	<0.06U	**23.3**	-	<0.61U
Football Field North	SSHS-B447	0-2	8/24/2016	-	<140U	**6900**	**1.1**	**5.7**	**83**	**0.33J**	**0.12J**	**18000**	**11**	**6.3**	**50**	**16000**	**52**	**4900**	**420**	**0.69**	**64**	**580**	**0.79J**
Football Field North	SSHS-B449	0-2	8/30/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field North	SSHS-B49	0.5-2.5	9/13/2000	<0.00115U	-	-	<1.15U	**5.22**	**213**	**1.03**	<0.573U	-	**11.8**	**10.6**	**39.1**	-	**179**	-	-	**0.294**	**24.1**	-	**0.647**
Football Field North	SSHS-B6	1-3	5/11/2000	<1.09U	-	-	-	**6**	**174**	<0.53U	<0.53U	-	**10.2**	-	**29.2**	-	**50.3**	-	-	**2.7**	**19.5**	-	<0.6U
F-Wing	SSHS-B18	1-3	5/10/2000	<1.11U	-	-	-	**4.3**	**69.6**	<0.54U	<0.54U	-	**11.7**	-	**30.1**	-	**34**	-	-	**0.06**	**20.9**	-	<0.55U
F-Wing	SSHS-B92	0.17-2	8/12/2014	<0.45J	<560U	**10000**	<0.22U	**9.4**	**89B**	**0.49**	<0.56U	**7500B**	**15**	**8.6**	**42**	**22000**	**54**	**3600**	**470**	<0.033J	**61B**	**680**	<0.3U
F-Wing	SSHS-B93	0.17-2	8/12/2014	<0.31J	<620U	**9300**	<0.25U	**7.9**	**85B**	<0.46J	<0.62U	**7400B**	**11**	**7.8**	**34**	**20000**	**35**	**3400**	**480**	<0.027J	**23B**	**650**	<0.33U
F-Wing	SSHS-B94	0.17-2	8/12/2014	<0.17U	<570U	**7400**	<0.23U	**8.2**	**60**	<0.34J	<0.57U	**23000**	**9.4**	**6.8**	**21**	**16000**	**39**	**3000**	**350**	<0.028J	**17B**	**580B**	<0.31U
F-Wing	SSHS-B95	0.17-2	8/12/2014	<0.33J	<580U	**10000**	<0.23U	**11**	**90B**	**0.51**	<0.58U	**5400B**	**13**	**9.5**	**26**	**21000**	**440**	**3400**	**520**	<0.021J	**29B**	**690**	<0.36J
F-Wing	SSHS-B96	0.17-2	8/12/2014	**1.2**	<490U	**10000**	<0.19U	**8.1**	**86B**	**0.5**	<0.49U	**4200B**	**12**	**8.9**	**23**	**21000**	**22**	**3000**	**550**	<0.033J	**24B**	**650**	<0.26U
F-Wing	SSHS-B98	0.17-2	8/13/2014	**13**	<570U	**6500**	<0.29J	**10**	**130B**	<0.34J	<0.57U	**3500**	**12**	**7.8**	**36**	**32000**	**120**	**2100**	**690**	<0.037J	**42**	**690B**	<0.87J
F-Wing	SSHS-MW47	0-2	8/29/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
K-Wing	SSHS-B19	1-4	5/9/2000	<1.11U	-	-	-	**4.7N***	**105**	<0.55U	<0.55U	-	**14.5**	-	**65N***	-	**51.9N***	-	-	<0.05UN	**49.4N**	-	**0.77**
K-Wing	SSHS-B97	0.17-2	8/13/2014	<0.18U	<550U	**10000**	<0.22U	**8.4**	**85B**	**0.51**	<0.55U	**14000**	**13**	**9.2**	**18**	**21000**	**15**	**3700**	**490**	<0.027J	**21**	**750B**	<0.51J
Main Parking Lot	SSHS-B16	1-2	5/10/2000	<1.14U	-	-	-	**7.2**	**207**	<0.56U	<0.56U	-	**16.7**	-	**137**	-	**303**	-	-	**0.07**	**59.2**	-	**0.71**
Main Parking Lot	SSHS-B17	1-3	5/10/2000	<1.24U	-	-	-	**4.1**	**118**	<0.6U	<0.6U	-	**13.4**	-	**11.6**	-	**16.5**	-	-	<0.06U	**16.5**	-	<0.59U
Main Parking Lot	SSHS-B574	0-2	8/29/2016	-	<140U	**10000**	<0.36U	**9.9**	**98**	**0.49**	**0.7**	**8700**	**36**	**8.3**	**30**	**20000**	**130**	**3000**	**480**	**0.053**	**23**	**720**	**0.4J**
Main Parking Lot	SSHS-B73	0.17-2	8/13/2014	<0.16U	<140J,B	**6800**	<0.2U	**8.1**	**60B**	<0.37J	<0.094J	**5400B**	**10**	**6.5**	**40**	**17,000B**	**38**	**2300B**	**300**	<0.031J	**28**	**560B**	<0.63J
Main Parking Lot	SSHS-B74	0.17-2	8/13/2014	<0.15J	<64J,B	**9500**	<0.22U	**7**	**110B**	<0.43J	<0.1J	**8000B**	**12**	**7.8**	**22**	**19,000B**	**22**	**2800B**	**580**	<0.033J	**20**	**600B**	<0.47J

TABLE 9B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Inorganics		Metals																
				Cyanide Total	Sodium	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (III+VI)	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.15	140	10	0.19	0.51	10	0.21	0.014	260	0.26	2.6	1.3	5.2	0.52	260	0.77	0.016	2.1	260	0.26
Restricted Residential SCO				27				16	400	72	4.3		110		270		400		2000	0.81	310		180
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																				
Main Parking Lot	SSHS-B78	0.17-2	8/14/2014	<0.35J	<190J	**8200**	<0.23J	**7.6**	**78**	<0.37J	<0.53U	**14000**	**9.8**	**5.9**	**37**	**18,000B**	**33**	**3200**	**410**	**0.2**	**16**	**700B**	<0.57J
Main Parking Lot	SSHS-B79	0.17-2	8/14/2014	**3.5B**	<160J	**7100**	<0.51J	**8.6**	**90**	<0.41J	<0.57U	**20000**	**9.6**	**6**	**35**	**18,000B**	**32**	**2900**	**350**	**0.044**	**15**	**690B**	<0.54J
Main Parking Lot	SSHS-B80	0.17-2	8/14/2014	<0.16U	<200J	**7000**	<0.2U	**6.9**	**52**	<0.32J	<0.014U	**4000**	**9**	**5.8**	**21**	**16,000B**	**10**	**2300**	**360**	<0.031J	**14**	**570B**	<0.27U
Main Parking Lot	SSHS-B81	0.17-2	8/14/2014	<0.55U	<210J	**7900**	<0.29J	**8.3**	**94**	**0.42**	<0.51U	**13000**	**16**	**6.9**	**51**	**19000**	**41**	**3500**	**490**	**0.051**	**22**	**650**	<1U
Main Parking Lot	SSHS-B82	0.17-2	8/13/2014	**1.3**	<330J,B	**6600**	**2.1**	**12**	**71**	<0.34J	<0.26J,B	**26000**	**9**	**9.3**	**110**	**48000**	**59**	**3400**	**440**	<0.023J	**18B**	<450J,B	<1J
Main Parking Lot	SSHS-B83	0.17-2	8/14/2014	<0.16U	<210J	**5400**	<0.22U	**7.2**	**32**	<0.26J	<0.54U	**26000**	**7B**	**5.8**	**18**	**14000**	**11**	**3300**	**370**	<0.015J	**13**	**540**	<0.82J
Main Parking Lot	SSHS-B84	0.17-2	8/14/2014	<0.16U	<370J	**8600**	<0.23J	**8.3**	**80J**	**0.41**	<0.52U	**5100J**	**11J**	**7.6**	**47J**	**19000**	**27**	**3400**	**450**	**0.046**	**18**	**600**	<0.28U
Main Parking Lot	SSHS-B85	0.17-2	8/13/2014	<0.17U	<200J,B	**8500**	<0.21U	**6**	**56B**	<0.35J	<0.05J	**2900B**	**8.6**	**5.7**	**15**	**16,000B**	**9.4**	**2100B**	**420**	<0.017J	**12**	<400J,B	<0.43J
Main Parking Lot	SSHS-B86	0.17-2	8/13/2014	<0.3J	<240J,B	**5200**	<0.21U	**5**	**40**	<0.26J	<0.082J,B	**19000**	**6.4**	**5.3**	**28**	**13000**	**18**	**4000**	**460**	<0.018J	**12B**	<380J,B	<0.45J
Main Parking Lot	SSHS-B87	0.17-2	8/14/2014	<0.21J	<220J	**7800**	<0.36J	**5.6**	**59**	<0.33J	<0.51U	**13000**	**9.5**	**5.6**	**55**	**16000**	**31**	**3400**	**350**	<0.035J	**18**	<510U	<1U
Main Parking Lot	SSHS-B88	0.17-2	8/13/2014	<0.17U	<300J,B	**8000**	<0.21U	**8.1**	**63**	<0.4J	<0.065J,B	**5800**	**17**	**6.4**	**36**	**20000**	**72**	**2400**	**280**	<0.033J	**16B**	<450J,B	<0.55J
Main Parking Lot	SSHS-B89	0.17-2	8/13/2014	<0.15U	<200J,B	**6200**	<0.2U	**6.8**	**50**	<0.31J	<0.06J,B	**10000**	**7.5**	**5.5**	**24**	**17000**	**9.4**	**3500**	**470**	<0.013J	**13B**	<420J,B	<0.27U
Main Parking Lot	SSHS-B90	0.17-2	8/13/2014	<0.17U	<320J,B	**5900**	<0.2U	**6.7**	**56B**	<0.27J	<0.092J	**38,000B**	**8.3**	**5.2**	**47**	**15,000B**	**36**	**11,000B**	**360**	**0.036**	**24**	<480J,B	<0.44J
Main Parking Lot	SSHS-B91	0.17-2	8/13/2014	<0.16U	<91J,B	**6900**	<0.19U	**4.9**	**45B**	<0.27J	<0.064J,B	**24000**	**8.4**	**4.9**	**20**	**15000**	**16**	**3200**	**290**	**0.037**	**13**	<390J,B	<0.31J
Rear Parking Lot	SSHS-B100	0.17-2	8/15/2014	<0.46J	<200J	**6300**	**1.7**	**18**	**110**	<0.31J	<0.33J	**13000**	**75**	**8.7**	**800**	**60000**	**260**	**3900**	**560**	**0.19**	**140B**	<550U	**1.6**
Rear Parking Lot	SSHS-B101	0.17-2	8/14/2014	<0.15U	<92J	**7900**	<0.21U	**12**	**82**	<0.38J	<0.12J	**16000**	**12**	**7.7**	**63**	**21000**	**54**	**3900**	**540**	<0.032J	**47**	**750**	<0.54J
Rear Parking Lot	SSHS-B23	1-4	5/9/2000	<1.3U	-	-	-	<4.3N*	**68.1**	<0.63U	<0.63U	-	**11.1**	-	**39.7N***	-	**16.2N***	-	-	<0.06UN	**17.5N**	-	<0.63U
Rear Parking Lot	SSHS-B24	1-4	5/9/2000	<1.16U	-	-	-	**56.2N***	**434**	**0.99**	<0.58U	-	**60.1**	-	**2300N***	-	**3940N***	-	-	<0.06UN	**761N**	-	**1.6**
Rear Parking Lot	SSHS-B518	0-2	9/16/2016	-	**160J**	**5600**	<0.37U	**12**	**87**	**0.34J**	**0.37J**	**24000**	**14**	**5.2**	**49**	**16000**	**89**	**5600**	**340**	**0.12B**	**39**	**460J**	**1.1**
Rear Parking Lot	SSHS-B519	0-2	9/22/2016	-	<150U	**4800**	**390**	**11**	**81**	**0.24J**	**0.65**	**31000**	**30**	**5.5**	**550**	**25000**	**270**	**5800**	**390**	**0.024J**	**78**	**390J**	**1.1**
Rear Parking Lot	SSHS-B520	0-2	9/22/2016	-	**290J**	**3400**	**1**	**12**	**300J**	**0.16J**	**1.2**	**21,000J**	**12**	**3.3J**	**92**	**21000**	**390**	**5100J**	**230**	**0.18**	**38J**	**400J**	**0.92J**
Rear Parking Lot	SSHS-B522	0-2	9/16/2016	-	**170J**	**7400**	**0.39J**	**7.9**	**200**	**0.38J**	**0.13J**	**17000**	**16**	**7.4**	**65**	**24000**	**140**	**3600**	**440**	<0.032U	**51**	**640**	**1.1**
Rear Parking Lot	SSHS-B524	0-2	9/23/2016	-	<150U	**9200**	<0.37U	**13**	**100**	**0.43**	<0.12U	**8600**	**12**	**9.7**	**22**	**21000**	**13**	**4000**	**470**	**0.025J**	**22**	**680**	<0.42U
Rear Parking Lot	SSHS-B555	0-2	9/16/2016	-	**380J**	**7000**	<0.34U	**5.4**	**68**	**0.28J**	<0.11U	**51000**	**9.1**	**6.8**	**19**	**16000**	**7.2**	**6100**	**400**	<0.054U	**19**	**600**	**0.37J**
Rear Parking Lot	SSHS-B557	0-2	9/7/2016	-	**150J**	**4200**	<0.37U	**39**	**110**	**0.25**	<0.058U	**720**	**14**	**3.5**	**40**	**29000**	**45**	**1100**	**150**	**0.14**	**21**	**470**	**3.1**
Rear Parking Lot	SSHS-B558	0-2	9/7/2016	-	**110J**	**1600**	**0.24J**	**63**	**50**	**0.24**	<0.059U	**810**	**5.6**	**1.5J**	**22**	**15000**	**34**	**390**	**56**	**0.17**	**13**	**330**	**5.8**
Rear Parking Lot	SSHS-B559	0-2	9/7/2016	-	**330**	**3500**	**1.6**	**43**	**130**	**0.37**	**0.18J**	**1700**	**28**	**5.1**	**1400**	**40000**	**230**	**820**	**210**	**0.11**	**260**	**430**	**3.4**
Rear Parking Lot	SSHS-B560	0-2	9/7/2016	-	**570**	**3300**	**7.2**	**55**	**170**	**0.32**	**0.11J**	**2600**	**33**	**4.5**	**250**	**56000**	**1300**	**980**	**220**	**0.11B**	**120**	**460**	**4.3**
Rear Parking Lot	SSHS-B568	0-2	9/21/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B64	0.17-2	8/14/2014	<0.15U	<170J	**6500**	<0.2U	**5.5**	**140**	<0.28J	<0.12J	**52000**	**8.6**	**5.8**	**20**	**15000**	**10**	**5300**	**520**	<0.014J	**16**	**530**	<0.29J

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Former Sperry Remington Site - North Portion
Elmira, New York

				Inorganics		Metals																
				Cyanide Total	Sodium	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (III+VI)	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.15	140	10	0.19	0.51	10	0.21	0.014	260	0.26	2.6	1.3	5.2	0.52	260	0.77	0.016	2.1	260	0.26
Restricted Residential SCO				27				16	400	72	4.3		110		270		400		2000	0.81	310		180
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																				
Rear Parking Lot	SSHS-B65	0.17-2	8/14/2014	<0.16U	<120J	**6100**	<0.21U	**5**	**35**	<0.24J	<0.54U	**30000**	**8B**	<5.2J	**24**	**14000**	**11**	**6900**	**390**	<0.032J	**17**	<540U	<0.41J
Rear Parking Lot	SSHS-B66	0.17-2	8/14/2014	<0.23J	<120J	**6400**	<0.21U	**7.8**	**70**	<0.31J	<0.53U	**14000**	**16B**	**6.2**	**91**	**20000**	**130**	**4200**	**360**	**0.046**	**52**	**560**	<0.76J
Rear Parking Lot	SSHS-B67	0.17-2	8/14/2014	<0.32J	**640**	**8100**	<0.93J	**21**	**270**	<0.39J	<0.53U	**29000**	**47B**	**12**	**980**	**38000**	**590**	**4200**	**410**	**0.65**	**870**	**610**	**1.8**
Rear Parking Lot	SSHS-B68	0.17-2	8/14/2014	<0.45J	<180J	**5600**	<0.22U	**8.9**	**82**	<0.3J	<0.54U	**16000**	**14B**	**5.5**	**60**	**19000**	**66**	**3400**	**310**	**0.06**	**40**	<540U	<0.82J
Rear Parking Lot	SSHS-B69	0.17-2	8/14/2014	<0.16U	<180J	**6600**	<0.22U	**6.7**	**54**	<0.32J	<0.55U	**25000**	**8.1B**	**6.5**	**20**	**16000**	**15**	**4900**	**450**	<0.025J	**16**	**610**	<0.51J

TABLE 9B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Inorganics		Metals																
				Cyanide Total	Sodium	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (III+VI)	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.15	140	10	0.19	0.51	10	0.21	0.014	260	0.26	2.6	1.3	5.2	0.52	260	0.77	0.016	2.1	260	0.26
Restricted Residential SCO				27				16	400	72	4.3		110		270		400		2000	0.81	310		180
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																				
South Athletic Field	SSHS-B70	0.17-2	8/14/2014	<0.56U	<28J	**10000**	<0.21U	**7.5**	**100**	**0.53**	<0.015U	**1700**	**12**	**8.8**	**15**	**19,000B**	**15**	**2600**	**490**	**0.046**	**19**	**830B**	<0.28U
Tennis Court	SSHS-B37	0.5-2.5	9/12/2000	<0.00104U	-	-	<1.04U	**2.56**	**39.1**	<0.521U	<0.521U	-	**6.24**	<5.21U	**18.4**	-	**5.49**	-	-	<0.0521U	**11.3**	-	**1.43**
Tennis Court	SSHS-B38	1-4.5	9/12/2000	<0.00111U	-	-	<1.11U	**5.76**	**87.2**	<0.557U	<0.557U	-	**11.6**	**7.03**	**26.5**	-	**29.4**	-	-	**0.0764**	**18.2**	-	**0.721**
Tennis Court	SSHS-B399	0-2	8/25/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tennis Court	SSHS-B402	0-2	8/30/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tennis Court	SSHS-B404	0-2	8/25/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tennis Court	SSHS-B405	0.17-1	8/25/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tennis Court	SSHS-B405	1-2	8/25/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tennis Court	SSHS-B406	0.17-1	8/25/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tennis Court	SSHS-B406	1-2	8/25/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tennis Court	SSHS-B71	0.17-2	8/15/2014	<0.15U	<200J	**8200**	<0.22U	**6**	**89**	<0.32J	<0.066J	**23000**	**8.8B**	<5J	**29**	**14000**	**21**	**3400**	**360**	**0.038**	**13**	**770**	<0.29U
Tennis Court	SSHS-B72	0.17-2	8/15/2014	<0.15U	<76J	**8900**	<0.22U	**7.9**	**94**	<0.42J	<0.092J	**5000**	**12**	**7.5**	**19**	**18000**	**37**	**3200**	**430**	**0.078**	**18B**	**730**	<0.29U
Tennis Court	SSHS-B75	0.17-2	8/14/2014	<0.16U	<58J	**6900**	<0.22U	**9.1**	**92**	<0.37J	<0.15J	**22000**	**9.6**	**6.7**	**35**	**16000**	**46**	**4800**	**540**	**0.65**	**18**	**610**	<0.68J
Tennis Court	SSHS-B76	0.17-2	8/14/2014	<0.16U	<48J	**8700**	<0.23U	**7.7**	**58**	<0.4J	<0.016U	**11000**	**11**	**7**	**20**	**18000**	**14**	**3200**	**390**	**0.042**	**17**	**650**	<0.31U
Tennis Court	SSHS-B77	0.17-2	8/14/2014	<0.16U	<41J	**5500**	<0.21J	**4.1**	**35**	<0.22J	<0.014U	**33000**	**7.1**	<4.7J	**20**	**13000**	**6.7**	**3200**	**420**	<0.015J	**11**	<500U	<1U
Tennis Courts	SSHS-B36	0.5-2.5	9/12/2000	<0.00106U	-	-	<1.06U	**8.98**	**50.9**	<0.532U	<0.532U	-	**8.74**	**6.32**	**24.9**	-	**14.3**	-	-	<0.0532U	**13.4**	-	**0.93**

TABLE 9B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

							Pesticides												
				Silver	Thallium	Vanadium	Zinc	Chlordane (trans)	DDT	Dieldrin	Endosulfan I	Endosulfan sulphate	Endrin	g-BHC (Lindane)	Heptachlor epoxide	Methoxychlor	1,1-Biphenyl	2-methylnaphthalene	4-methylphenol
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.039	0.14	2.6	1	0.00035	0.00027	0.00029	0.00032	0.00018	0.00035	0.00031	0.00035	0.00037	0.03	0.0063	0.0035
Restricted Residential SCO				180			10000		7.9	0.2	24	24	11	1.3					100
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																
Athletic Field	SSHS-B11	1-3	5/10/2000	<1.1U	-	-	**72.1**	-	<0.0038U	<0.0019U	<0.0019U	<0.0038U	<0.0019U	-	-	-	-	-	<0.38U
Athletic Field	SSHS-B12	1-4	5/10/2000	<1.1U	-	-	**69.4**	-	<0.0038U	<0.002U	<0.002U	<0.0038U	<0.002U	-	-	-	-	-	<0.38U
Athletic Field	SSHS-B13	1-2	5/10/2000	<1.1U	-	-	**66.6**	-	<0.0038U	<0.002U	<0.002U	<0.0038U	<0.002U	-	-	-	-	-	<3.8U
Athletic Field	SSHS-B39	0.5-2.5	9/12/2000	<1.09U	<1.09U	**16.3**	**70.9**	-	<0.0036U	<0.0018U	<0.0018U	<0.0036U	<0.0018U	<0.0018U	<0.0018U	<0.0072U	-	<1.8U	<1.8U
Athletic Field	SSHS-B40	0.5-2.5	9/12/2000	<1.12U	<1.12U	**16.7**	**81.5**	-	<0.0037U	<0.0019U	<0.0019U	<0.0037U	<0.0019U	<0.0019U	<0.0019U	<0.0074U	-	<1.9U	<1.9U
Athletic Field	SSHS-B41	0.5-2.5	9/12/2000	<1.12U	<1.12U	**19.3**	**138**	-	<0.037U	<0.019U	<0.019U	<0.037U	<0.019U	<0.019U	<0.019U	<0.074U	-	<0.37U	<0.37U
Athletic Field	SSHS-B42	0.5-2.5	9/12/2000	<1.13U	<1.13U	**35.9**	**844**	-	<0.037U	<0.019U	<0.019U	<0.037U	<0.019U	<0.019U	<0.019U	<0.075U	-	<0.75U	<0.75U
Athletic Field	SSHS-B42-A	0.17-2	8/15/2014	<0.044U	<0.16U	**15**	**58B**	<0.002U	**0.007**	<0.00032U	<0.00036U	<0.0002U	**0.003**	<0.00034U	<0.00038U	<0.0004U	<0.11J	**0.71**	<0.038U
Athletic Field	SSHS-B43	0.5-2.5	9/12/2000	<1.2U	<1.2U	**16.1**	**70**	-	<0.004U	<0.002U	<0.002U	<0.004U	<0.002U	<0.002U	<0.002U	<0.0079U	-	<0.4U	<0.4U
Athletic Field	SSHS-B43-A	0.17-2	8/15/2014	<0.046U	<0.17U	**14**	**75B**	<0.0065U	<0.0043U	<0.002U	<0.00091J	<0.002U	<0.014U	<0.00034U	<0.002U	<0.0038U	<0.034U	<0.032J	<0.037U
Athletic Field	SSHS-B44	0.5-2.5	9/13/2000	<1.1U	<1.1U	**16.9**	**53.5**	-	<0.0036U	<0.0019U	<0.0019U	<0.0036U	<0.0019U	<0.0019U	<0.0019U	<0.0073U	-	<0.36U	<0.36U
Athletic Field	SSHS-B45	0.5-2.5	9/13/2000	<1.11U	<1.11U	**16.1**	**53**	-	<0.0037U	<0.0019U	<0.0019U	<0.0037U	<0.0019U	<0.0019U	<0.0019U	<0.0074U	-	<0.37U	<0.37U
Athletic Field	SSHS-B46	0.5-2.5	9/13/2000	<1.11U	<1.11U	**17.1**	**45.9**	-	<0.0037U	<0.0019U	<0.0019U	<0.0037U	<0.0019U	<0.0019U	<0.0019U	<0.0073U	-	<0.37U	<0.37U
Athletic Field	SSHS-B48	0.5-2.5	9/13/2000	<1.16U	<1.16U	**14.2**	**39.4**	-	<0.038U	<0.02U	<0.02U	<0.038U	<0.02U	<0.02U	<0.02U	<0.076U	-	<0.38U	<0.38U
Athletic Field	SSHS-B50	0.5-2.5	9/13/2000	<1.1U	<1.1U	**16.9**	**63.2**	-	<0.0037U	<0.0019U	<0.0019U	<0.0037U	<0.0019U	<0.0019U	<0.0019U	<0.0075U	-	<0.37U	<0.37U
Athletic Field	SSHS-B51	0.5-2.5	9/13/2000	<1.09U	<1.09U	**16.1**	**69.7**	-	<0.036U	<0.019U	<0.019U	<0.036U	<0.019U	<0.019U	<0.019U	<0.072U	-	<1.8U	<1.8U
Athletic Field	SSHS-B52	0.5-2.5	9/13/2000	<1.08U	<1.08U	**17.4**	**61.8**	-	<0.036U	<0.018U	<0.018U	<0.036U	<0.018U	<0.018U	<0.018U	<0.072U	-	<0.36U	<0.36U
Athletic Field	SSHS-B53	0.5-2.5	9/13/2000	<1.1U	<1.1U	**10.7**	**39.8**	-	<0.0036U	<0.0019U	<0.0019U	<0.0036U	<0.0019U	<0.0019U	<0.0019U	<0.0072U	-	<0.36U	<0.36U
Athletic Field	SSHS-B54	0.5-2.5	9/13/2000	<1.17U	<1.17U	**16.4**	**46.6**	-	<0.0039U	<0.002U	<0.002U	<0.0039U	<0.002U	<0.002U	<0.002U	<0.0077U	-	<1.9U	<1.9U
Athletic Field	SSHS-B55	0.5-2.5	9/13/2000	<1.14U	<1.14U	**14.7**	**86.1**	-	<0.0038U	<0.0019U	<0.0019U	<0.0038U	<0.0019U	<0.0019U	<0.0019U	<0.0075U	-	<0.38U	<0.38U
Athletic Field	SSHS-B56	0.5-2.5	9/13/2000	<1.05U	<1.05U	**11**	**66**	-	<0.0035U	<0.0018U	<0.0018U	<0.0035U	<0.0018U	<0.0018U	<0.0018U	<0.0069U	-	<0.35U	<0.35U
Athletic Field	SSHS-B57	0.5-2.5	9/13/2000	<1.05U	<1.05U	**11.1**	**76.7**	-	<0.0035U	<0.0018U	<0.0018U	<0.0035U	<0.0018U	<0.0018U	<0.0018U	<0.0069U	-	<0.35U	<0.35U
Athletic Field	SSHS-B570	0-2	8/30/2016	<0.18U	<0.55U	**12**	**53**	-	-	-	-	-	-	-	-	-	-	-	-
Athletic Field	SSHS-B571	0-2	8/30/2016	<0.17U	<0.52U	**14**	**58**	-	-	-	-	-	-	-	-	-	-	-	-
Athletic Field	SSHS-B572	0-2	8/30/2016	<0.18U	<0.53U	**12**	**60**	-	-	-	-	-	-	-	-	-	<0.032U	**0.008J**	<0.035U
Athletic Field	SSHS-B58	0.5-2.5	9/13/2000	<1.14U	<1.14U	**19.2**	**72.1**	-	<0.0038U	<0.0019U	<0.0019U	<0.0038U	<0.0019U	<0.0019U	<0.0019U	<0.0075U	-	<0.38U	<0.38U
Athletic Field	SSHS-B59	0.5-2.5	9/13/2000	<1.09U	<1.09U	**18.6**	**62.5**	-	<0.0036U	<0.0018U	<0.0018U	<0.0036U	<0.0018U	<0.0018U	<0.0018U	<0.0072U	-	<0.36U	<0.36U
A-Wing	SSHS-B15	0.75-1	7/11/2000	-	-	-	-	-	<0.0038U	<0.002U	<0.002U	<0.0038U	<0.002U	-	-	-	-	-	<0.38U
A-Wing	SSHS-B15	1-1.5	7/27/2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.37U
Cafeteria	SSHS-B21	1-4	5/9/2000	<1.1U	-	-	**128N**	-	<0.0038U	<0.002U	<0.002U	<0.0038U	<0.002U	-	-	-	-	-	<0.38U

TABLE 9B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

							Pesticides												
				Silver	Thallium	Vanadium	Zinc	Chlordane (trans)	DDT	Dieldrin	Endosulfan I	Endosulfan sulphate	Endrin	g-BHC (Lindane)	Heptachlor epoxide	Methoxychlor	1,1-Biphenyl	2-methylnaphthalene	4-methylphenol
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.039	0.14	2.6	1	0.00035	0.00027	0.00029	0.00032	0.00018	0.00035	0.00031	0.00035	0.00037	0.03	0.0063	0.0035
Restricted Residential SCO				180			10000		7.9	0.2	24	24	11	1.3					100
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																
Cafeteria	SSHS-SB-1	1.5-3.5	3/31/2014	**0.21**	<0U	**12**	**95**	-	**0.0047**	**0.012**	<0U	<0U	<0U	<0U	-	-	-	-	<0U
Cafeteria	SSHS-SB-2	1.5-3.5	3/31/2014	**0.59**	**0.49**	**16**	**170**	-	<0U	<0U	<0U	<0U	<0U	<0U	-	-	-	-	<0U
Cafeteria	SSHS-SB-3	1.5-3.5	3/31/2014	**0.25**	**0.49**	**14**	**100**	-	<0U	<0U	<0U	<0U	<0U	<0U	-	-	-	-	<0U
Cafeteria	SSHS-SB-4	1.5-3.5	3/31/2014	**0.32**	<0U	**12**	**320**	-	**0.0065**	<0U	<0U	<0U	<0U	<0U	-	-	-	-	<0U
Cafeteria	SSHS-SB-5	1.5-3.5	3/31/2014	**0.2**	<0U	**13**	**190**	-	<0U	<0U	<0U	<0U	<0U	<0U	-	-	-	-	<0U
Cafeteria	SSHS-SB-6	1.5-3.5	3/31/2014	**0.2**	<0U	**11**	**100**	-	<0U	<0U	<0U	<0U	<0U	<0U	-	-	-	-	<0U
East of Gymnasium	SSHS-B25	1-4	5/9/2000	<1U	-	-	**110N**	-	<0.0035U	<0.0018U	<0.0018U	<0.0035U	<0.0018U	-	-	-	-	-	<0.35U
East of Gymnasium	SSHS-B26-A	0.17-2	8/14/2014	<0.045U	<0.16U	**13**	**61B**	<0.023U	**0.012**	<0.00032U	<0.0012J	<0.002U	<0.0066U	<0.00034U	<0.0099U	<0.002U	<0.034U	<0.0069U	<0.038U
East of Gymnasium	SSHS-B29	1-4	5/8/2000	<1.1U	-	-	**83.5**	-	<0.0036U	<0.0019U	<0.0019U	<0.0036U	<0.0019U	-	-	-	-	-	<0.36U
East of Gymnasium	SSHS-B29-A	0.17-2	8/13/2014	<0.042U	<0.15U	**13**	**75B**	<0.023U	**0.06**	**0.0056**	<0.0047U	<0.0071U	<0.03U	<0.00032U	<0.039U	<0.02U	<0.033U	<0.02J	<0.036U
East of Gymnasium	SSHS-B30	1-4	5/8/2000	<1.1U	-	-	**82.4**	-	<0.0036U	<0.0019U	<0.0036U	<0.0036U	<0.0019U	-	-	-	-	-	<0.36U
East of Gymnasium	SSHS-B32	1-4	5/8/2000	<1U	-	-	**47.6**	-	<0.0035U	<0.0018U	<0.0018U	<0.0035U	<0.0018U	-	-	-	-	-	<0.35U
East of Gymnasium	SSHS-B34	1-4	5/9/2000	<1.1U	-	-	**60.3N**	-	<0.0036U	<0.0018U	<0.0018U	<0.0036U	<0.0018U	-	-	-	-	-	<0.36U
East of Gymnasium	SSHS-B517	0-2	9/23/2016	**0.79**	<0.46U	**14**	**130**	-	-	-	-	-	-	-	-	-	<0.031U	**0.029J**	<0.034U
East of Gymnasium	SSHS-B575A	0-2	9/19/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.16U	**0.064J**	<0.17U
East of Gymnasium	SSHS-B575B	0-2	9/19/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.3U	<0.061U	<0.33U
East of Gymnasium	SSHS-B575C	0-2	9/19/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.13U	<0.026U	<0.14U
East of Gymnasium	SSHS-B99	0.17-2	8/13/2014	<0.046U	<0.17U	**12B**	**75B**	<0.019U	<0.0048U	**0.0033**	<0.0019J	<0.0026U	<0.023U	<0.00034U	<0.011U	<0.0073U	<0.034U	<0.022J	<0.037U
Football Field	SSHS-B410	0-2	8/25/2016	<0.19U	<0.56U	**17**	**61**	-	-	-	-	-	-	-	-	-	<0.036U	**0.021J**	<0.039U
Football Field	SSHS-B424	0-2	8/22/2016	<0.17U	<0.5U	**13**	**75**	-	-	-	-	-	-	-	-	-	<0.035U	**0.035J**	<0.038U
Football Field	SSHS-B429	0.17-2	8/26/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.034U	**0.048J**	<0.038U
Football Field	SSHS-B432	0-2	8/22/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.036U	<0.0073U	<0.04U
Football Field	SSHS-B434	0-2	8/22/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.035U	**0.024J**	<0.039U
Football Field	SSHS-B448	0-2	8/25/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.034U	<0.0069U	<0.038U
Football Field	SSHS-B450	0-2	8/25/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.034U	**0.18**	<0.037U
Football Field	SSHS-FB1	0.5-2	6/29/2000	<1.1U	-	-	**148**	-	<0.038U	<0.019U	<0.019U	<0.038U	<0.019U	-	-	-	-	-	<0.38U
Football Field	SSHS-FB10	1-3	6/29/2000	<1.11U	-	-	**82.2**	-	<0.039U	<0.02U	<0.02U	<0.039U	<0.02U	-	-	-	-	-	<0.39U
Football Field	SSHS-FB11	1-3	6/29/2000	<1.19U	-	-	**160**	-	<0.039U	<0.02U	<0.02U	<0.039U	<0.02U	-	-	-	-	-	<0.39U
Football Field	SSHS-FB2	0.5-1	6/29/2000	<1.17U	-	-	**60.5**	-	<0.004U	<0.0021U	<0.0021U	<0.004U	<0.0021U	-	-	-	-	-	<0.4U
Football Field	SSHS-FB5	1-1.5	8/14/2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 9B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

						Pesticides													
				Silver	Thallium	Vanadium	Zinc	Chlordane (trans)	DDT	Dieldrin	Endosulfan I	Endosulfan sulphate	Endrin	g-BHC (Lindane)	Heptachlor epoxide	Methoxychlor	1,1-Biphenyl	2-methylnaphthalene	4-methylphenol
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.039	0.14	2.6	1	0.00035	0.00027	0.00029	0.00032	0.00018	0.00035	0.00031	0.00035	0.00037	0.03	0.0063	0.0035
Restricted Residential SCO				180			10000		7.9	0.2	24	24	11	1.3					100
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																
Football Field	SSHS-FB5-A	1.5-1.5	7/21/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB5-B	1.5-1.5	7/21/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB5-C	1.5-1.5	7/21/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB5-D	1.5-1.5	7/21/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB5-E	1.5-1.5	7/21/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB6	1-1.5	8/14/2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.38U
Football Field	SSHS-FB6	1-2	6/29/2000	<1.15U	-	-	**96**	-	<0.04U	<0.02U	<0.02U	<0.04U	<0.02U	-	-	-	-	-	<4U
Football Field	SSHS-FB6	1-3	6/29/2000	<1.09U	-	-	**97.2**	-	<0.037U	<0.019U	<0.019U	<0.037U	<0.019U	-	-	-	-	-	<0.37U
Football Field	SSHS-FB7	1-3	6/29/2000	<1.18U	-	-	**69.3**	-	<0.04U	<0.021U	<0.021U	<0.04U	<0.021U	-	-	-	-	-	<0.4U
Football Field	SSHS-FB9	1-2	6/29/2000	<1.21U	-	-	**97.6**	-	<0.041U	<0.021U	<0.021U	<0.041U	<0.021U	-	-	-	-	-	<0.41U
Football Field North	SSHS-B2	1-2	5/12/2000	<1.2U	-	-	**73.1***	-	<0.0041U	**0.019**	<0.0021U	<0.0041U	<0.0021U	-	-	-	-	-	<0.41U
Football Field North	SSHS-B447	0-2	8/24/2016	<0.16U	<0.49U	**14**	**92**	-	-	-	-	-	-	-	-	-	-	-	-
Football Field North	SSHS-B449	0-2	8/30/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.032U	**0.033J**	<0.036U
Football Field North	SSHS-B49	0.5-2.5	9/13/2000	<1.15U	<1.15U	**22.9**	**164**	-	<0.038U	<0.019U	<0.019U	<0.038U	<0.019U	<0.019U	<0.019U	<0.076U	-	<0.38U	<0.38U
Football Field North	SSHS-B6	1-3	5/11/2000	<1.1U	-	-	**106**	-	<0.0036U	<0.0019U	<0.0019U	<0.0036U	<0.0019U	-	-	-	-	-	<0.36U
F-Wing	SSHS-B18	1-3	5/10/2000	<1.1U	-	-	**95.3**	-	<0.0037U	<0.0019U	<0.0019U	<0.0037U	<0.0019U	-	-	-	-	-	<0.37U
F-Wing	SSHS-B92	0.17-2	8/12/2014	<0.045U	<0.24J	**14**	**86B**	<0.0039U	<0.0019U	<0.0019U	<0.00067J	<0.0019U	<0.0049U	<0.00032U	<0.002U	<0.00038U	<0.033U	<0.045J	<0.036U
F-Wing	SSHS-B93	0.17-2	8/12/2014	<0.05U	<0.25J	**12**	**70B**	<0.002U	<0.002U	<0.002U	<0.00037U	<0.0002U	<0.0014J	<0.00058J	<0.002U	<0.0039U	<0.035U	<0.027J	<0.038U
F-Wing	SSHS-B94	0.17-2	8/12/2014	<0.046U	<0.17U	**11**	**59B**	<0.00038U	<0.0019U	<0.00032U	<0.00036U	<0.0002U	<0.00076J	<0.00033U	<0.0019U	<0.0038U	<0.034U	<0.019J	<0.037U
F-Wing	SSHS-B95	0.17-2	8/12/2014	<0.047U	<0.23J	**14**	**65B**	<0.0031U	<0.0019U	<0.00031U	<0.0005J	<0.0019U	<0.0027U	<0.00033U	<0.0019U	<0.0019U	<0.033U	<0.021J	<0.037U
F-Wing	SSHS-B96	0.17-2	8/12/2014	<0.07J	<0.25J	**13**	**62B**	<0.0018U	<0.0018U	<0.0018U	<0.00034U	<0.00019U	<0.0018U	<0.00041J	<0.00035U	<0.00037U	<0.032U	<0.037J	<0.035U
F-Wing	SSHS-B98	0.17-2	8/13/2014	<0.046U	<0.17U	**16B**	**62B**	<0.0068U	**0.01**	<0.00035U	<0.0004U	<0.0022U	<0.0056U	<0.00037U	<0.0022U	<0.0022U	<0.038U	<0.017J	<0.042U
F-Wing	SSHS-MW47	0-2	8/29/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
K-Wing	SSHS-B19	1-4	5/9/2000	<1.1U	-	-	**84.2N**	-	<0.0037U	<0.0019U	<0.0019U	<0.0037U	<0.0019U	-	-	-	-	-	<0.37U
K-Wing	SSHS-B97	0.17-2	8/13/2014	<0.044U	<0.16U	**14B**	**57B**	<0.0004U	<0.00046J	<0.00033U	<0.00038U	<0.00021U	<0.00039U	<0.00035U	<0.00039U	<0.00042U	<0.036U	<0.0072U	<0.039U
Main Parking Lot	SSHS-B16	1-2	5/10/2000	<1.1U	-	-	**106**	-	<0.0038U	<0.0019U	<0.0019U	<0.0038U	<0.0019U	-	-	-	-	-	<0.38U
Main Parking Lot	SSHS-B17	1-3	5/10/2000	<1.2U	-	-	**60.6**	-	<0.0041U	<0.0021U	<0.0021U	<0.0041U	<0.0021U	-	-	-	-	-	<0.41U
Main Parking Lot	SSHS-B574	0-2	8/29/2016	<0.17U	<0.5U	**16**	**70**	-	-	-	-	-	-	-	-	-	-	-	-
Main Parking Lot	SSHS-B73	0.17-2	8/13/2014	<0.041U	<0.15U	**11**	**60B**	<0.0011J,p	<0.00028U	<0.00031U	<0.00035U	<0.00023J,p	<0.00076J,p	**0.0024**	<0.00036U	<0.002J	<0.054J	**0.15**	<0.037U
Main Parking Lot	SSHS-B74	0.17-2	8/13/2014	<0.045U	<0.16U	**14**	**57B**	<0.00066J,p	<0.0009J,p	<0.00064J	<0.00035U	<0.00019U	<0.00082J	<0.00032U	<0.00036U	<0.0017J	<0.033U	<0.0091J	<0.036U

TABLE 9B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

							Pesticides												
				Silver	Thallium	Vanadium	Zinc	Chlordane (trans)	DDT	Dieldrin	Endosulfan I	Endosulfan sulphate	Endrin	g-BHC (Lindane)	Heptachlor epoxide	Methoxychlor	1,1-Biphenyl	2-methylnaphthalene	4-methylphenol
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.039	0.14	2.6	1	0.00035	0.00027	0.00029	0.00032	0.00018	0.00035	0.00031	0.00035	0.00037	0.03	0.0063	0.0035
Restricted Residential SCO				180			10000		7.9	0.2	24	24	11	1.3					100
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																
Main Parking Lot	SSHS-B78	0.17-2	8/14/2014	<0.042U	<0.15U	**14**	**72B**	<0.01U	<0.0024U	<0.0019U	<0.00075J	<0.004U	<0.011U	<0.00033U	<0.0066U	**0.015**	<0.043J	**0.15**	<0.037U
Main Parking Lot	SSHS-B79	0.17-2	8/14/2014	<0.046U	<0.17U	**15**	**76B**	<0.0019U	**0.0021**	<0.0019U	<0.00035U	<0.0002U	**0.0041**	<0.00033U	<0.00037U	<0.0037U	<0.23J	**0.83**	<0.037U
Main Parking Lot	SSHS-B80	0.17-2	8/14/2014	<0.04U	<0.15U	**13**	**49B**	<0.00035U	<0.00027U	<0.0003U	<0.00034U	<0.00019U	<0.00035U	<0.00032U	<0.00035U	<0.00084J	<0.032U	<0.03J	<0.035U
Main Parking Lot	SSHS-B81	0.17-2	8/14/2014	<0.041U	<0.15U	**15**	**79B**	<0.00036U	<0.00028U	<0.00031U	<0.00035U	<0.00019U	<0.00036U	<0.00032U	<0.00036U	<0.00039U	<0.14J	**0.33**	<0.056J
Main Parking Lot	SSHS-B82	0.17-2	8/13/2014	<0.045U	<0.37J	**13**	**120B**	<0.00037U	<0.00028U	<0.00031U	<0.00035U	<0.00019U	<0.00036U	<0.00033U	<0.00036U	<0.00039U	<0.033U	<0.034J	<0.037U
Main Parking Lot	SSHS-B83	0.17-2	8/14/2014	<0.044U	<0.16U	**9.9B**	**42B**	<0.00036U	<0.00028U	<0.00031U	<0.00035U	<0.00019U	<0.00036U	<0.00032U	<0.00036U	<0.00038U	<0.032U	<0.0065U	<0.035U
Main Parking Lot	SSHS-B84	0.17-2	8/14/2014	<0.042U	<0.15U	**14**	**59J**	<0.00058J	<0.0014J	<0.00031U	<0.00035U	<0.00019U	**0.002J**	<0.00069J	<0.00036U	<0.00038U	<0.033U	**0.076**	<0.036U
Main Parking Lot	SSHS-B85	0.17-2	8/13/2014	<0.042U	<0.15U	**13**	**41B**	<0.00037U	<0.00028U	<0.00031U	<0.00035U	<0.0002U	<0.00036U	<0.00033U	<0.00037U	<0.00039U	<0.033U	<0.0073J	<0.037U
Main Parking Lot	SSHS-B86	0.17-2	8/13/2014	<0.043U	<0.15U	**8.7**	**51B**	<0.00036U	<0.00027U	<0.0003U	<0.00034U	<0.00019U	<0.00035U	<0.00032U	<0.00035U	<0.00038U	<0.032U	<0.031J	<0.035U
Main Parking Lot	SSHS-B87	0.17-2	8/14/2014	<0.041U	<0.15U	**13**	**55B**	<0.0037U	<0.0019U	<0.00031U	<0.00035U	<0.0019U	<0.0035U	<0.00032U	<0.0019U	<0.0036U	<0.033U	<0.026J	<0.036U
Main Parking Lot	SSHS-B88	0.17-2	8/13/2014	<0.043U	<0.15U	**14**	**57B**	<0.00072J,p	<0.00067J,p	<0.00031U	<0.00035U	<0.00042J,p	**0.002**	<0.00033U	<0.00038J,p	<0.0029J,p	<0.033U	<0.059J	<0.037U
Main Parking Lot	SSHS-B89	0.17-2	8/13/2014	<0.04U	<0.15U	**10**	**57B**	<0.00058J	<0.00027U	<0.0003U	<0.00034U	<0.00051J,p	<0.00076J	<0.00031U	<0.00035U	<0.00037U	<0.032U	<0.0071J	<0.035U
Main Parking Lot	SSHS-B90	0.17-2	8/13/2014	<0.041U	<0.15U	**11**	**62B**	<0.001J,p	<0.00035J,p	<0.00031U	<0.00035U	<0.00019U	**0.0019**	<0.00032U	<0.00039J,p	<0.00038U	<0.16U	<0.033U	<0.18U
Main Parking Lot	SSHS-B91	0.17-2	8/13/2014	<0.039U	<0.14U	**10B**	**42B**	<0.00036U	<0.00027U	<0.0003U	<0.00034U	<0.00019U	<0.00035U	<0.00032U	<0.00035U	<0.00038U	<0.032U	<0.022J	<0.035U
Rear Parking Lot	SSHS-B100	0.17-2	8/15/2014	<0.15J	<0.2J	**24**	**260B**	<0.25U	<0.022U	<0.0091U	**0.02**	<0.012U	<0.062U	<0.00033U	<0.2U	<0.056U	<0.033U	**0.097**	<0.036U
Rear Parking Lot	SSHS-B101	0.17-2	8/14/2014	<0.043U	<0.17J	**13**	**110B**	<0.18U	**0.097**	<0.0072U	**0.013**	<0.007U	<0.042U	<0.00032U	<0.13U	<0.042U	<0.032U	<0.029J	<0.035U
Rear Parking Lot	SSHS-B23	1-4	5/9/2000	<1.3U	-	-	**67.2N**	-	<0.0043U	<0.0022U	<0.0022U	<0.0043U	<0.0022U	-	-	-	-	-	<0.43U
Rear Parking Lot	SSHS-B24	1-4	5/9/2000	<1.2U	-	-	**451N**	-	<0.0038U	<0.002U	<0.002U	<0.0038U	<0.002U	-	-	-	-	-	<0.38U
Rear Parking Lot	SSHS-B518	0-2	9/16/2016	<0.17U	<0.52U	**16**	**120**	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B519	0-2	9/22/2016	**0.44J**	<0.52U	**15**	**130**	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B520	0-2	9/22/2016	**0.2J**	<0.49U	**9.9**	**51**	-	-	-	-	-	-	-	-	-	<0.033U	**0.097**	<0.036U
Rear Parking Lot	SSHS-B522	0-2	9/16/2016	<0.17U	<0.53U	**15**	**90**	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B524	0-2	9/23/2016	<0.17U	<0.52U	**13**	**68**	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B555	0-2	9/16/2016	<0.16U	<0.47U	**16**	**54**	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B557	0-2	9/7/2016	<0.086U	<0.26U	**16**	**41**	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B558	0-2	9/7/2016	<0.087U	**0.46J**	**10**	**28**	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B559	0-2	9/7/2016	**1.3**	<0.26U	**15**	**260**	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B560	0-2	9/7/2016	**0.68**	<0.26U	**16**	**180**	-	-	-	-	-	-	-	-	-	**0.067**	**0.66**	<0.0035U
Rear Parking Lot	SSHS-B568	0-2	9/21/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.03U	**0.1**	<0.033U
Rear Parking Lot	SSHS-B64	0.17-2	8/14/2014	<0.04U	<0.15U	**11**	**53B**	<0.035U	<0.0019U	<0.0018U	**0.003**	<0.0018U	<0.0078U	<0.00031U	<0.028U	<0.0035U	<0.031U	<0.029J	<0.034U

TABLE 9B
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Former Sperry Remington Site - North Portion
Elmira, New York

						Pesticides													
				Silver	Thallium	Vanadium	Zinc	Chlordane (trans)	DDT	Dieldrin	Endosulfan I	Endosulfan sulphate	Endrin	g-BHC (Lindane)	Heptachlor epoxide	Methoxychlor	1,1-Biphenyl	2-methylnaphthalene	4-methylphenol
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.039	0.14	2.6	1	0.00035	0.00027	0.00029	0.00032	0.00018	0.00035	0.00031	0.00035	0.00037	0.03	0.0063	0.0035
Restricted Residential SCO				180			10000		7.9	0.2	24	24	11	1.3					100
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																
Rear Parking Lot	SSHS-B65	0.17-2	8/14/2014	<0.043U	<0.16U	**10B**	**61B**	<0.16U	**0.079**	**0.0072**	<0.014U	<0.0073U	<0.035U	<0.0018U	<0.14U	<0.0018U	<0.032U	<0.025J	<0.035U
Rear Parking Lot	SSHS-B66	0.17-2	8/14/2014	<0.043U	<0.16U	**12B**	**110B**	<0.24U	**0.15**	**0.011**	<0.028U	<0.011U	<0.069U	<0.0018U	<0.49U	<0.065U	<0.032U	<0.045J	<0.035U
Rear Parking Lot	SSHS-B67	0.17-2	8/14/2014	<0.39J	<0.16U	**16B**	**250B**	**3.3**	<0.2U	<0.12U	**0.21**	<0.11U	<0.68U	<0.027U	<4.5U	<0.65U	<0.055J	**0.46**	<0.036U
Rear Parking Lot	SSHS-B68	0.17-2	8/14/2014	<0.044U	<0.16U	**11B**	**79B**	<1.2U	<0.087U	<0.055U	**0.11**	<0.052U	<0.27U	<0.0029U	<1.4U	<0.011U	<0.032U	**0.12**	<0.035U
Rear Parking Lot	SSHS-B69	0.17-2	8/14/2014	<0.044U	<0.16U	**12B**	**57B**	<0.0027U	<0.0018U	<0.0003U	<0.00059J	<0.0018U	<0.0026U	<0.0018U	<0.0065U	<0.00038U	<0.033U	<0.042J	<0.036U

TABLE 9B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

							Pesticides												
				Silver	Thallium	Vanadium	Zinc	Chlordane (trans)	DDT	Dieldrin	Endosulfan I	Endosulfan sulphate	Endrin	g-BHC (Lindane)	Heptachlor epoxide	Methoxychlor	1,1-Biphenyl	2-methylnaphthalene	4-methylphenol
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.039	0.14	2.6	1	0.00035	0.00027	0.00029	0.00032	0.00018	0.00035	0.00031	0.00035	0.00037	0.03	0.0063	0.0035
Restricted Residential SCO				180			10000		7.9	0.2	24	24	11	1.3					100
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																
South Athletic Field	SSHS-B70	0.17-2	8/14/2014	<0.042U	<0.15U	**14**	**51B**	<0.031U	**0.016**	<0.00031U	<0.0018J	<0.0019U	<0.0078U	<0.00033U	<0.016U	<0.00039U	<0.034U	<0.011J	<0.037U
Tennis Court	SSHS-B37	0.5-2.5	9/12/2000	<1.04U	<1.04U	**10.1**	**58.3**	-	<0.0034U	<0.0018U	<0.0018U	<0.0034U	<0.0018U	<0.0018U	<0.0018U	<0.0069U	-	<0.34U	<0.34U
Tennis Court	SSHS-B38	1-4.5	9/12/2000	<1.11U	<1.11U	**16.7**	**77.4**	-	<0.0037U	<0.0019U	<0.0019U	<0.0037U	<0.0019U	<0.0019U	<0.0019U	<0.0074U	-	<1.8U	<1.8U
Tennis Court	SSHS-B399	0-2	8/25/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.033U	**0.028J**	<0.036U
Tennis Court	SSHS-B402	0-2	8/30/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.33U	**0.073J**	<0.36U
Tennis Court	SSHS-B404	0-2	8/25/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.31U	<0.063U	<0.34U
Tennis Court	SSHS-B405	0.17-1	8/25/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.065U	**0.18**	**0.13J**
Tennis Court	SSHS-B405	1-2	8/25/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.031U	**0.014J**	<0.034U
Tennis Court	SSHS-B406	0.17-1	8/25/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.035U	**0.029J**	<0.038U
Tennis Court	SSHS-B406	1-2	8/25/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.033U	**0.037J**	<0.036U
Tennis Court	SSHS-B71	0.17-2	8/15/2014	<0.044U	<0.16U	**12**	**61B**	<0.00099J	<0.00027U	<0.0003U	<0.00033U	<0.00024J	<0.00035U	<0.00031U	<0.00035U	<0.00037U	<0.032U	<0.041J	<0.036U
Tennis Court	SSHS-B72	0.17-2	8/15/2014	<0.044U	<0.16U	**13**	**69B**	**0.0058**	<0.0018U	<0.0018U	<0.00033U	<0.00018U	<0.002U	**0.0065**	**0.0023**	<0.0035U	<0.032U	**0.076**	<0.035U
Tennis Court	SSHS-B75	0.17-2	8/14/2014	<0.044U	<0.16U	**15**	**79B**	<0.04U	<0.015U	<0.00031U	**0.0046**	**0.0072**	<0.021U	<0.0019U	<0.042U	<0.021U	<0.33U	<0.17J	<0.36U
Tennis Court	SSHS-B76	0.17-2	8/14/2014	<0.047U	<0.17U	**15**	**56B**	<0.0041U	**0.0065**	<0.00031U	<0.00062J	<0.0019U	<0.0036U	<0.00033U	<0.0055U	<0.0037U	<0.033U	<0.0074J	<0.036U
Tennis Court	SSHS-B77	0.17-2	8/14/2014	<0.041U	<0.15U	**9.5**	**47B**	<0.0018U	<0.0018U	<0.00029U	<0.00032U	<0.00018U	**0.0038**	**0.012**	<0.0018U	<0.0034U	<0.031U	<0.0063U	<0.034U
Tennis Courts	SSHS-B36	0.5-2.5	9/12/2000	<1.06U	<1.06U	**14.5**	**55.2**	-	<0.0035U	<0.0018U	<0.0018U	<0.0035U	<0.0018U	<0.0018U	<0.0018U	<0.007U	-	<0.35U	<0.35U

TABLE 9B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				SVOCs															
				Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Diethylphthalate	Di-n-butyl phthalate	Fluoranthene	Fluorene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0066	0.00081	0.028	0.0069	0.0071	0.007	0.0071	0.0069	0.0071	0.0064	0.0071	0.0071	0.034	0.0039	0.035	0.0071	0.0071
Restricted Residential SCO				100	100		100	1	1	1	100	3.9		3.9	0.33	59			100	100
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																	
Athletic Field	SSHS-B11	1-3	5/10/2000	<0.38U	**0.039J**	-	<0.38U	**0.071J**	**0.084J**	**0.068J**	**0.12J**	**0.072J**	-	**0.071J**	<0.38U	<0.38U	-	-	**0.11J**	<0.38U
Athletic Field	SSHS-B12	1-4	5/10/2000	<0.38U	<0.38U	-	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	-	**0.043J**	<0.38U	<0.38U	-	-	<0.38U	<0.38U
Athletic Field	SSHS-B13	1-2	5/10/2000	<3.8U	**0.62J**	-	**0.43J**	**1.1J**	**1.2J**	**1.2J**	**1.4J**	**1.1J**	-	**1.4J**	**0.41J**	<3.8U	-	-	**1.5J**	<3.8U
Athletic Field	SSHS-B39	0.5-2.5	9/12/2000	<1.8U	**0.22J**	-	<1.8U	**0.36J**	**0.46J**	**0.4J**	**0.62J**	**0.37J**	<1.8U	**0.39J**	**0.19J**	<1.8U	<1.8U	<1.8U	**0.65J**	<1.8U
Athletic Field	SSHS-B40	0.5-2.5	9/12/2000	<1.9U	<1.9U	-	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U
Athletic Field	SSHS-B41	0.5-2.5	9/12/2000	<0.37U	<0.37U	-	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U
Athletic Field	SSHS-B42	0.5-2.5	9/12/2000	<0.75U	<0.75U	-	<0.75U	<0.75U	**0.81**	<0.75U	<0.75U	<0.75U	<0.75U	**1.1**	<0.75U	<0.75U	<0.75U	<0.75U	<0.75U	<0.75U
Athletic Field	SSHS-B42-A	0.17-2	8/15/2014	<0.057J	**1.9**	<0.035J	**1**	**3.4**	**3.4**	**5**	**4**	**1.7**	**0.22**	**4.2**	**0.97**	<0.14J	<0.042U	<0.048U	**5.1**	**0.17**
Athletic Field	SSHS-B43	0.5-2.5	9/12/2000	<0.4U	<0.4U	-	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U
Athletic Field	SSHS-B43-A	0.17-2	8/15/2014	<0.0085J	**0.093**	<0.031U	<0.063J	**0.18**	**0.18**	**0.24**	**0.16**	**0.097**	<0.013J	**0.22**	<0.031J	<0.038U	<0.042U	<0.048U	**0.28**	<0.015J
Athletic Field	SSHS-B44	0.5-2.5	9/13/2000	<0.36U	<0.36U	-	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U
Athletic Field	SSHS-B45	0.5-2.5	9/13/2000	<0.37U	<0.37U	-	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U
Athletic Field	SSHS-B46	0.5-2.5	9/13/2000	<0.37U	<0.37U	-	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U
Athletic Field	SSHS-B48	0.5-2.5	9/13/2000	<0.38U	<0.38U	-	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U
Athletic Field	SSHS-B50	0.5-2.5	9/13/2000	<0.37U	<0.37U	-	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U
Athletic Field	SSHS-B51	0.5-2.5	9/13/2000	<1.8U	**2.8**	-	<1.8U	**4.4**	**5.4**	**5.2**	**4.9**	**4.6**	<1.8U	**5.1**	<1.8U	<1.8U	<1.8U	<1.8U	**5.9**	<1.8U
Athletic Field	SSHS-B52	0.5-2.5	9/13/2000	<0.36U	<0.36U	-	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U
Athletic Field	SSHS-B53	0.5-2.5	9/13/2000	<0.36U	<0.36U	-	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U
Athletic Field	SSHS-B54	0.5-2.5	9/13/2000	<1.9U	<1.9U	-	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	**2.1**	<1.9U	<1.9U	<1.9U	<1.9U	**2.9**	<1.9U
Athletic Field	SSHS-B55	0.5-2.5	9/13/2000	<0.38U	<0.38U	-	<0.38U	**0.78**	**0.88**	**0.8**	**0.71**	**0.72**	<0.38U	**0.94**	<0.38U	<0.38U	<0.38U	<0.38U	**1.8**	<0.38U
Athletic Field	SSHS-B56	0.5-2.5	9/13/2000	<0.35U	<0.35U	-	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U
Athletic Field	SSHS-B57	0.5-2.5	9/13/2000	<0.35U	<0.35U	-	<0.35U	**0.4**	**0.41**	<0.35U	<0.35U	<0.35U	<0.35U	**0.39**	<0.35U	<0.35U	<0.35U	<0.35U	**0.63**	<0.35U
Athletic Field	SSHS-B570	0-2	8/30/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Athletic Field	SSHS-B571	0-2	8/30/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Athletic Field	SSHS-B572	0-2	8/30/2016	<0.0069U	**0.027J**	<0.03U	**0.04J**	**0.11**	**0.095**	**0.11**	**0.074**	**0.053J**	**0.014J**	**0.091**	**0.02J**	<0.035U	<0.039U	<0.045U	**0.2**	<0.0095U
Athletic Field	SSHS-B58	0.5-2.5	9/13/2000	<0.38U	<0.38U	-	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U
Athletic Field	SSHS-B59	0.5-2.5	9/13/2000	<0.36U	<0.36U	-	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U
A-Wing	SSHS-B15	0.75-1	7/11/2000	<0.38U	<0.38U	-	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	-	<0.38U	<0.38U	<0.38U	-	-	**0.049J**	<0.38U
A-Wing	SSHS-B15	1-1.5	7/27/2000	<0.37U	<0.37U	-	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	-	<0.37U	<0.37U	<0.37U	-	-	<0.37U	<0.37U
Cafeteria	SSHS-B21	1-4	5/9/2000	<0.38U	<0.38U	-	<0.38U	**0.13J**	**0.12J**	**0.11J**	**0.093J**	**0.12J**	-	**0.16J**	<0.38U	<0.38U	-	-	**0.23J**	<0.38U

TABLE 9B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				SVOCs															
				Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Diethylphthalate	Di-n-butyl phthalate	Fluoranthene	Fluorene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0066	0.00081	0.028	0.0069	0.0071	0.007	0.0071	0.0069	0.0071	0.0064	0.0071	0.0071	0.034	0.0039	0.035	0.0071	0.0071
Restricted Residential SCO				100	100		100	1	1	1	100	3.9		3.9	0.33	59			100	100
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																	
Cafeteria	SSHS-SB-1	1.5-3.5	3/31/2014	<0U	<0U	-	<0U	**0.15**	**0.15**	**0.17**	**0.1**	**0.078**	-	**0.17**	<0U	<0U	-	-	**0.22**	<0U
Cafeteria	SSHS-SB-2	1.5-3.5	3/31/2014	<0U	<0U	-	<0U	<0U	<0U	<0U	<0U	<0U	-	**0.17**	<0U	<0U	-	-	**0.099**	<0U
Cafeteria	SSHS-SB-3	1.5-3.5	3/31/2014	<0U	<0U	-	<0U	**0.12**	<0U	**0.18**	**0.12**	<0U	-	**0.18**	<0U	<0U	-	-	**0.22**	<0U
Cafeteria	SSHS-SB-4	1.5-3.5	3/31/2014	<0U	<0U	-	<0U	**0.076**	<0U	**0.09**	<0U	<0U	-	**0.11**	<0U	<0U	-	-	**0.16**	<0U
Cafeteria	SSHS-SB-5	1.5-3.5	3/31/2014	<0U	<0U	-	<0U	**0.15**	**0.11**	**0.15**	<0U	<0U	-	**0.15**	<0U	<0U	-	-	**0.23**	<0U
Cafeteria	SSHS-SB-6	1.5-3.5	3/31/2014	**1.3**	<0U	-	**2.6**	**3.4**	**2.8**	**3.2**	**1.7**	**1.4**	-	**3.3**	**0.36**	**0.66**	-	-	**7.3**	**1.2**
East of Gymnasium	SSHS-B25	1-4	5/9/2000	<0.35U	<0.35U	-	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	-	<0.35U	<0.35U	<0.35U	-	-	<0.35U	<0.35U
East of Gymnasium	SSHS-B26-A	0.17-2	8/14/2014	<0.0074U	<0.0088U	<0.032U	<0.0075U	<0.024J	<0.022J	<0.036J	<0.022J	<0.016U	<0.0071U	<0.027J	<0.0085U	<0.038U	<0.042U	<0.048U	<0.036J	<0.01U
East of Gymnasium	SSHS-B29	1-4	5/8/2000	<0.36U	<0.36U	-	<0.36U	**0.043J**	**0.055J**	**0.047J**	**0.044J**	**0.039J**	-	**0.062J**	<0.36U	<0.36U	-	-	**0.068J**	<0.36U
East of Gymnasium	SSHS-B29-A	0.17-2	8/13/2014	<0.007U	<0.0084U	<0.03U	<0.01J	<0.045J	<0.038J	<0.058J	<0.03J	<0.015J	<0.0067U	<0.047J	<0.0081U	<0.036U	<0.04U	<0.046U	<0.061J	<0.0096U
East of Gymnasium	SSHS-B30	1-4	5/8/2000	<0.36U	<0.36U	-	<0.36U	**0.062J**	<0.063J	**0.058J**	**0.048J**	**0.068J**	-	**0.073J**	<0.36U	<0.36U	-	-	**0.13J**	<0.36U
East of Gymnasium	SSHS-B32	1-4	5/8/2000	<0.35U	<0.35U	-	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	-	<0.35U	<0.35U	<0.35U	-	-	<0.35U	<0.35U
East of Gymnasium	SSHS-B34	1-4	5/9/2000	<0.36U	<0.36U	-	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	-	<0.36U	<0.36U	<0.36U	-	-	<0.36U	<0.36U
East of Gymnasium	SSHS-B517	0-2	9/23/2016	<0.0067U	**0.0091J**	<0.029U	**0.014J**	**0.038J**	**0.028J**	**0.053J**	<0.0069U	**0.017J**	<0.0064U	**0.071**	<0.0078U	<0.034U	<0.038U	<0.044U	**0.062J**	<0.0092U
East of Gymnasium	SSHS-B575A	0-2	9/19/2016	<0.034U	<0.04U	<0.14U	<0.034U	<0.044U	<0.035U	<0.055U	<0.035U	<0.071U	<0.032U	<0.042U	<0.039U	<0.17U	<0.19U	<0.22U	<0.037U	<0.046U
East of Gymnasium	SSHS-B575B	0-2	9/19/2016	<0.066U	<0.078U	<0.28U	<0.067U	<0.086U	<0.068U	<0.11U	<0.068U	<0.14U	<0.063U	<0.081U	<0.076U	<0.34U	<0.37U	<0.43U	<0.073U	<0.09U
East of Gymnasium	SSHS-B575C	0-2	9/19/2016	<0.028U	<0.034U	<0.12U	<0.029U	<0.037U	<0.029U	<0.046U	<0.029U	<0.059U	<0.027U	<0.035U	<0.033U	<0.14U	<0.16U	<0.18U	<0.031U	<0.039U
East of Gymnasium	SSHS-B99	0.17-2	8/13/2014	<0.0073U	<0.049J	<0.031U	<0.053J	**0.18**	**0.17**	**0.2**	**0.15**	**0.12**	<0.023J	**0.19**	<0.045J	<0.037U	<0.041U	<0.047U	**0.4**	<0.01U
Football Field	SSHS-B410	0-2	8/25/2016	<0.0077U	<0.0091U	<0.033U	<0.0078U	<0.01U	<0.008U	<0.013U	<0.0079U	<0.016U	<0.0074U	<0.0095U	<0.0089U	<0.039U	<0.044U	<0.05U	**0.048J**	<0.011U
Football Field	SSHS-B424	0-2	8/22/2016	**0.017J**	**0.031J**	<0.032U	**0.086**	**0.39**	**0.33**	**0.4**	**0.22**	**0.21**	**0.037J**	**0.37**	<0.0086U	<0.038U	<0.042U	<0.049U	**0.66**	<0.01U
Football Field	SSHS-B429	0.17-2	8/26/2016	**0.095**	<0.0088U	<0.032U	**0.18**	**0.37**	**0.34**	**0.38**	**0.29**	**0.18**	**0.074J**	**0.36**	<0.0086U	**0.052J**	<0.042U	<0.048U	**0.92**	**0.082**
Football Field	SSHS-B432	0-2	8/22/2016	<0.0078U	**0.011J**	<0.034U	**0.013J**	<0.01U	<0.0082U	<0.013U	<0.0081U	<0.016U	<0.0075U	<0.0097U	<0.0091U	<0.04U	<0.045U	<0.051U	**0.053J**	<0.011U
Football Field	SSHS-B434	0-2	8/22/2016	**0.02J**	**0.034J**	<0.032U	**0.07J**	**0.19**	**0.16**	**0.2**	**0.13**	**0.12**	<0.0073U	**0.16**	<0.0088U	<0.039U	<0.043U	<0.049U	**0.31**	**0.027J**
Football Field	SSHS-B448	0-2	8/25/2016	<0.0074U	**0.019J**	<0.031U	**0.015J**	**0.048J**	<0.0077U	<0.012U	<0.0076U	<0.015U	<0.0071U	**0.056J**	<0.0085U	<0.038U	**0.046J**	<0.048U	**0.07J**	<0.01U
Football Field	SSHS-B450	0-2	8/25/2016	**0.16**	**0.33**	<0.031U	**0.49**	**1.1**	**1.1**	**1.4**	**0.99**	**0.55**	**0.16**	**1.2**	**0.24**	**0.14J**	<0.041U	<0.047U	**1.9**	**0.17**
Football Field	SSHS-FB1	0.5-2	6/29/2000	**0.23J**	**0.16J**	-	**0.72**	**1.9**	**1.7**	**1.3**	**1.3**	**1.3**	-	**2**	**0.45**	**0.14J**	-	-	**3.6**	**0.2J**
Football Field	SSHS-FB10	1-3	6/29/2000	**0.07J**	**0.29J**	-	**0.4**	**1.1**	**1.1**	**0.81**	**0.93**	**0.95**	-	**1.3**	**0.29J**	**0.06J**	-	-	**1.8**	**0.071J**
Football Field	SSHS-FB11	1-3	6/29/2000	<0.39U	<0.39U	-	**0.047J**	**0.11J**	**0.099J**	**0.11J**	**0.071J**	**0.096J**	-	**0.22J**	<0.39U	**0.053J**	-	-	**0.28J**	<0.39U
Football Field	SSHS-FB2	0.5-1	6/29/2000	**0.3J**	**0.17J**	-	**0.8**	**1.6**	**1.3**	**1.1**	**1**	**1.2**	-	**1.6**	**0.39J**	**0.28J**	-	-	**3.1**	**0.31J**
Football Field	SSHS-FB5	1-1.5	8/14/2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 9B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				SVOCs															
				Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Diethylphthalate	Di-n-butyl phthalate	Fluoranthene	Fluorene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0066	0.00081	0.028	0.0069	0.0071	0.007	0.0071	0.0069	0.0071	0.0064	0.0071	0.0071	0.034	0.0039	0.035	0.0071	0.0071
Restricted Residential SCO				100	100		100	1	1	1	100	3.9		3.9	0.33	59			100	100
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																	
Football Field	SSHS-FB5-A	1.5-1.5	7/21/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB5-B	1.5-1.5	7/21/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB5-C	1.5-1.5	7/21/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB5-D	1.5-1.5	7/21/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB5-E	1.5-1.5	7/21/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB6	1-1.5	8/14/2000	**0.13J**	**0.17J**	-	**0.44**	**0.95**	**0.79**	**0.67**	**0.56**	**0.76**	-	**0.9**	**0.24J**	**0.099J**	-	-	**1.7**	**0.16J**
Football Field	SSHS-FB6	1-2	6/29/2000	**5.3**	**26**	-	**69D**	**68D**	**57**	**43**	**29**	**40**	-	**62**	**9.6**	**23**	-	-	**190D**	**22**
Football Field	SSHS-FB6	1-3	6/29/2000	<0.37U	<0.37U	-	**0.055**	**0.16J**	**0.13J**	**0.13J**	**0.11J**	**0.13J**	-	**0.21J**	**0.053J**	<0.37U	-	-	**0.25J**	<0.37U
Football Field	SSHS-FB7	1-3	6/29/2000	**0.051J**	<0.4U	-	**0.15J**	<0.28J	**0.24J**	**0.19J**	**0.14J**	**0.18J**	-	**0.32J**	**0.053J**	<0.4U	-	-	**0.62**	**0.041J**
Football Field	SSHS-FB9	1-2	6/29/2000	<0.41U	**0.61**	-	**0.54**	**1.1**	**1.1**	**1.1**	**0.84**	**1**	-	**1.4**	**0.3J**	<0.41U	-	-	**1.7**	<0.41U
Football Field North	SSHS-B2	1-2	5/12/2000	<0.41U	<0.41U	-	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	-	<0.41U	<0.41U	<0.41U	-	-	<0.41U	<0.41U
Football Field North	SSHS-B447	0-2	8/24/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field North	SSHS-B449	0-2	8/30/2016	<0.007U	**0.039J**	<0.03U	**0.037J**	**0.14**	**0.14**	**0.19**	**0.13**	**0.074**	**0.016J**	**0.17**	**0.022J**	<0.036U	<0.04U	<0.045U	**0.21**	<0.0096U
Football Field North	SSHS-B49	0.5-2.5	9/13/2000	<0.38U	**0.63**	-	**0.53**	**1.3**	**1.6**	**1.3**	**0.2**	**1.5**	<0.38U	**1.3**	**0.48**	<0.38U	<0.38U	<0.38U	**2.5**	<0.38U
Football Field North	SSHS-B6	1-3	5/11/2000	<0.36U	**0.042J**	-	<0.36U	**0.24J**	**0.35J**	**0.32J**	**0.31J**	**0.28J**	-	**0.28J**	**0.096J**	<0.36U	-	-	**0.33J**	<0.36U
F-Wing	SSHS-B18	1-3	5/10/2000	**0.061J**	<0.37U	-	**0.15J**	**0.31J**	**0.28J**	**0.22J**	**0.22J**	**0.22J**	-	**0.33J**	**0.069J**	<0.37U	-	-	**0.66**	**0.051J**
F-Wing	SSHS-B92	0.17-2	8/12/2014	<0.037J	<0.029J	<0.03U	**0.12**	**0.57**	**0.46**	**0.65**	**0.29**	**0.21**	<0.044J	**0.53**	<0.069J	<0.036U	<0.04U	<0.046U	**0.98**	<0.038J
F-Wing	SSHS-B93	0.17-2	8/12/2014	<0.057J	<0.034J	<0.032U	**0.11**	**0.32**	**0.32**	**0.41**	**0.26**	**0.12**	<0.05J	**0.3**	<0.068J	<0.038U	<0.043U	<0.049U	**0.63**	<0.051J
F-Wing	SSHS-B94	0.17-2	8/12/2014	<0.04J	<0.031J	<0.031U	**0.15**	**0.42**	**0.35**	**0.49**	**0.23**	**0.15**	<0.052J	**0.42**	<0.072J	<0.037U	<0.042U	<0.048U	**0.89**	<0.04J
F-Wing	SSHS-B95	0.17-2	8/12/2014	<0.0072U	<0.0086U	<0.031U	<0.012J	<0.038J	<0.036J	<0.042J	<0.032J	<0.021J	<0.0069U	<0.046J	<0.0083U	<0.037U	<0.041U	<0.047U	<0.074J	<0.0099U
F-Wing	SSHS-B96	0.17-2	8/12/2014	**0.13**	<0.0083U	<0.03U	**0.22**	**0.34**	**0.29**	**0.3**	**0.23**	**0.18**	**0.093**	**0.34**	<0.055J	<0.065J	<0.04U	<0.045U	**0.85**	**0.1**
F-Wing	SSHS-B98	0.17-2	8/13/2014	<0.0082U	<0.0098U	<0.035U	<0.025J	<0.079J	<0.074J	**0.1**	<0.065J	<0.029J	<0.0079U	**0.1**	<0.0095U	<0.042U	<0.047U	<0.054U	**0.14**	<0.011U
F-Wing	SSHS-MW47	0-2	8/29/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
K-Wing	SSHS-B19	1-4	5/9/2000	<0.37U	<0.37U	-	<0.37U	**0.054J**	**0.051J**	**0.045J**	**0.041J**	**0.042J**	-	**0.066J**	<0.37U	<0.37U	-	-	**0.079J**	<0.37U
K-Wing	SSHS-B97	0.17-2	8/13/2014	<0.0077U	<0.0092U	<0.033U	<0.0079U	<0.024J	<0.021J	<0.026J	<0.019J	<0.016U	<0.0074U	<0.024J	<0.0089U	<0.04U	<0.044U	<0.05U	<0.046J	<0.011U
Main Parking Lot	SSHS-B16	1-2	5/10/2000	<0.38U	<0.38U	-	<0.38U	**0.095J**	**0.095J**	**0.081J**	**0.08J**	**0.072J**	-	**0.11J**	<0.38U	<0.38U	-	-	**0.16J**	<0.38U
Main Parking Lot	SSHS-B17	1-3	5/10/2000	<0.41U	<0.41U	-	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	-	<0.41U	<0.41U	<0.41U	-	-	<0.41U	<0.41U
Main Parking Lot	SSHS-B574	0-2	8/29/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Main Parking Lot	SSHS-B73	0.17-2	8/13/2014	**0.84**	<0.0085U	<0.031U	**2.2**	**3.4**	**3**	**3.1**	**2**	**1.2**	**0.53**	**3**	**0.49**	**0.45**	<0.041U	<0.047U	**7.2**	**0.8**
Main Parking Lot	SSHS-B74	0.17-2	8/13/2014	<0.009J	<0.0084U	<0.03U	<0.035J	**0.16**	**0.14**	**0.22**	**0.13**	**0.075**	<0.0068U	**0.16**	<0.0082U	<0.036U	<0.04U	<0.046U	**0.33**	<0.0097U

TABLE 9B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				SVOCs															
				Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Diethylphthalate	Di-n-butyl phthalate	Fluoranthene	Fluorene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0066	0.00081	0.028	0.0069	0.0071	0.007	0.0071	0.0069	0.0071	0.0064	0.0071	0.0071	0.034	0.0039	0.035	0.0071	0.0071
Restricted Residential SCO				100	100		100	1	1	1	100	3.9		3.9	0.33	59			100	100
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																	
Main Parking Lot	SSHS-B78	0.17-2	8/14/2014	<0.043J	**0.37**	<0.031U	**0.39**	**1.2**	**1.1**	**1.3**	**1.2**	**0.54**	**0.086**	**1.2**	**0.23**	<0.12J	<0.041U	<0.047U	**1.9**	<0.072J
Main Parking Lot	SSHS-B79	0.17-2	8/14/2014	<0.041J	**0.66**	<0.031U	**0.47**	**1.6**	**1.8**	**2.2**	**2.7**	**0.76**	**0.16**	**1.5**	**0.46**	**0.49**	<0.041U	<0.047U	**2.5**	<0.069J
Main Parking Lot	SSHS-B80	0.17-2	8/14/2014	<0.0071J	**0.11**	<0.03U	**0.17**	**0.86**	**0.88**	**0.98**	**0.79**	**0.44**	**0.1**	**0.73**	**0.16**	<0.036U	<0.04U	<0.045U	**1.3**	<0.025J
Main Parking Lot	SSHS-B81	0.17-2	8/14/2014	<0.07J	**0.62**	<0.03U	**0.79**	**1.4**	**1.9**	**2.3**	**2.1**	**0.83**	**0.14**	**1.7**	**0.45**	**0.65**	<0.04U	<0.046U	**4**	**0.61**
Main Parking Lot	SSHS-B82	0.17-2	8/13/2014	<0.0072U	<0.017J	<0.031U	<0.017J	**0.09**	**0.083**	**0.11**	**0.086**	<0.036J	<0.0069U	**0.15**	<0.0083U	<0.037U	<0.041U	<0.047U	**0.12**	<0.0099U
Main Parking Lot	SSHS-B83	0.17-2	8/14/2014	<0.007U	<0.0083U	<0.03U	<0.0071U	<0.021J	<0.0072U	<0.011U	<0.0072U	<0.015U	<0.0067U	<0.022J	<0.0081U	<0.036U	<0.04U	<0.045U	<0.033J	<0.0095U
Main Parking Lot	SSHS-B84	0.17-2	8/14/2014	<0.054J	**0.54**	<0.03U	**0.37**	**0.57**	**0.65**	**0.9**	**0.81**	**0.31**	<0.06J	**0.64**	**0.2**	<0.042J	<0.04U	<0.046U	**0.77**	**0.083**
Main Parking Lot	SSHS-B85	0.17-2	8/13/2014	<0.0072U	<0.0086U	<0.031U	<0.0073U	<0.0094U	<0.0075U	<0.012U	<0.0075U	<0.015U	<0.0069U	<0.0089U	<0.0084U	<0.037U	<0.041U	<0.047U	<0.02J	<0.0099U
Main Parking Lot	SSHS-B86	0.17-2	8/13/2014	<0.0069U	<0.023J	<0.03U	<0.02J	**0.1**	**0.096**	**0.13**	**0.12**	<0.057J	<0.0097J	**0.12**	<0.032J	<0.035U	<0.05J	<0.045U	**0.15**	<0.0095U
Main Parking Lot	SSHS-B87	0.17-2	8/14/2014	<0.0071U	**0.12**	<0.03U	**0.09**	**0.36**	**0.31**	**0.46**	**0.33**	**0.18**	<0.0068U	**0.44**	**0.091**	<0.036U	<0.04U	<0.046U	**0.6**	<0.0097U
Main Parking Lot	SSHS-B88	0.17-2	8/13/2014	<0.01J	**0.13**	<0.031U	**0.11**	**0.4**	**0.44**	**0.56**	**0.57**	**0.17**	<0.035J	**0.4**	**0.11**	<0.056J	<0.041U	<0.047U	**0.62**	<0.022J
Main Parking Lot	SSHS-B89	0.17-2	8/13/2014	<0.0068U	<0.0081U	<0.029U	<0.0069U	<0.034J	<0.031J	<0.037J	<0.032J	<0.018J	<0.0065U	<0.037J	<0.0081J	<0.035U	<0.039U	<0.044U	<0.037J	<0.0093U
Main Parking Lot	SSHS-B90	0.17-2	8/13/2014	<0.035U	<0.042U	<0.15U	<0.036U	<0.12J	<0.11J	<0.13J	<0.037U	<0.079J	<0.034U	<0.12J	<0.041U	<0.18U	<0.2U	<0.23U	<0.19J	<0.048U
Main Parking Lot	SSHS-B91	0.17-2	8/13/2014	<0.011J	<0.031J	<0.029U	<0.044J	**0.13**	**0.13**	**0.18**	**0.12**	<0.054J	<0.018J	**0.15**	<0.041J	<0.035U	<0.039U	<0.045U	**0.26**	<0.0094U
Rear Parking Lot	SSHS-B100	0.17-2	8/15/2014	<0.01J	<0.021J	<0.03U	<0.024J	**0.077**	**0.074**	**0.11**	**0.076**	<0.042J	<0.0068U	**0.11**	<0.0082U	<0.036U	<0.04U	<0.046U	**0.15**	<0.0097U
Rear Parking Lot	SSHS-B101	0.17-2	8/14/2014	<0.0069U	<0.0082U	<0.029U	<0.007U	<0.0089U	<0.0071U	<0.011U	<0.0071U	<0.014U	<0.0066U	<0.0085U	<0.0079U	<0.035U	<0.039U	<0.045U	<0.028J	<0.0094U
Rear Parking Lot	SSHS-B23	1-4	5/9/2000	<0.43U	<0.43U	-	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	-	<0.43U	<0.43U	<0.43U	-	-	**0.045J**	<0.43U
Rear Parking Lot	SSHS-B24	1-4	5/9/2000	<0.38U	<0.38U	-	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	-	**0.058J**	<0.38U	<0.38U	-	-	**0.061J**	<0.38U
Rear Parking Lot	SSHS-B518	0-2	9/16/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B519	0-2	9/22/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B520	0-2	9/22/2016	<0.007U	<0.0083U	<0.03U	**0.01J**	**0.022J**	**0.018J**	**0.023J**	**0.021J**	<0.015U	<0.0067U	**0.048J**	<0.0081U	<0.036U	<0.04U	<0.046U	**0.036J**	<0.0096U
Rear Parking Lot	SSHS-B522	0-2	9/16/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B524	0-2	9/23/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B555	0-2	9/16/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B557	0-2	9/7/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B558	0-2	9/7/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B559	0-2	9/7/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B560	0-2	9/7/2016	**0.018**	<0.00081U	**0.072**	**0.02**	**0.09J**	**0.067J**	**0.12J**	**0.071J**	**0.023**	**0.018**	**0.2J**	**0.028**	**0.15**	<0.0039U	**0.013J**	**0.12**	**0.028**
Rear Parking Lot	SSHS-B568	0-2	9/21/2016	<0.0066U	<0.0078U	<0.028U	**0.013J**	**0.039J**	**0.029J**	**0.052J**	**0.029J**	<0.014U	**0.0087J**	**0.076**	<0.0076U	**0.036J**	<0.037U	<0.043U	**0.096**	**0.016J**
Rear Parking Lot	SSHS-B64	0.17-2	8/14/2014	<0.0067U	<0.008U	<0.029U	<0.0069U	<0.0088U	<0.007U	<0.011U	<0.007U	<0.014U	<0.0065U	<0.0084U	<0.0078U	<0.035U	<0.038U	<0.044U	<0.0075U	<0.0093U

TABLE 9B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				SVOCs															
				Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Diethylphthalate	Di-n-butyl phthalate	Fluoranthene	Fluorene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0066	0.00081	0.028	0.0069	0.0071	0.007	0.0071	0.0069	0.0071	0.0064	0.0071	0.0071	0.034	0.0039	0.035	0.0071	0.0071
Restricted Residential SCO				100	100		100	1	1	1	100	3.9		3.9	0.33	59			100	100
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																	
Rear Parking Lot	SSHS-B65	0.17-2	8/14/2014	<0.0068U	<0.0081U	<0.029U	<0.0069U	<0.0089U	<0.0071U	<0.011U	<0.007U	<0.014U	<0.0065U	<0.0084U	<0.0079U	<0.035U	<0.039U	<0.044U	<0.01J	<0.0093U
Rear Parking Lot	SSHS-B66	0.17-2	8/14/2014	<0.0068U	<0.0081U	<0.029U	<0.013J	<0.046J	<0.041J	<0.058J	<0.044J	<0.028J	<0.0065U	<0.065J	<0.018J	<0.035U	<0.039U	<0.044U	<0.061J	<0.0093U
Rear Parking Lot	SSHS-B67	0.17-2	8/14/2014	<0.0071U	<0.037J	<0.065J	<0.038J	**0.1**	**0.085**	**0.15**	**0.086**	<0.053J	<0.022J	**0.18**	<0.0083U	<0.13J	<0.041U	<0.047U	**0.15**	<0.024J
Rear Parking Lot	SSHS-B68	0.17-2	8/14/2014	<0.018J	**0.12**	<0.029U	**0.11**	**0.22**	**0.25**	**0.41**	**0.25**	**0.15**	<0.022J	**0.29**	**0.076**	<0.042J	<0.039U	<0.045U	**0.36**	<0.0094U
Rear Parking Lot	SSHS-B69	0.17-2	8/14/2014	<0.071J	**0.4**	<0.03U	**0.36**	**0.77**	**0.78**	**0.91**	**0.75**	**0.43**	<0.07J	**0.81**	**0.19**	<0.037J	<0.04U	<0.046U	**1.2**	**0.094**

TABLE 9B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				SVOCs															
				Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Diethylphthalate	Di-n-butyl phthalate	Fluoranthene	Fluorene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0066	0.00081	0.028	0.0069	0.0071	0.007	0.0071	0.0069	0.0071	0.0064	0.0071	0.0071	0.034	0.0039	0.035	0.0071	0.0071
Restricted Residential SCO				100	100		100	1	1	1	100	3.9		3.9	0.33	59			100	100
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																	
South Athletic Field	SSHS-B70	0.17-2	8/14/2014	<0.0072U	<0.037J	<0.031U	<0.022J	<0.055J	<0.067J	**0.1**	<0.068J	<0.018J	<0.007U	<0.067J	<0.018J	<0.037U	<0.041U	<0.047U	**0.094**	<0.0099U
Tennis Court	SSHS-B37	0.5-2.5	9/12/2000	<0.34U	<0.34U	-	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	**0.5**	<0.34U
Tennis Court	SSHS-B38	1-4.5	9/12/2000	<1.8U	<1.8U	-	**2.2**	**4.8**	**4.2**	**2.7**	**2.3**	**3.3**	<1.8U	**4**	<1.8U	<1.8U	<1.8U	<1.8U	**11**	<1.8U
Tennis Court	SSHS-B399	0-2	8/25/2016	<0.0071U	**0.039J**	<0.03U	**0.02J**	**0.058J**	**0.07J**	<0.012U	<0.0073U	<0.015U	<0.0068U	**0.06J**	<0.0082U	<0.036U	**0.041J**	<0.046U	**0.073J**	<0.0097U
Tennis Court	SSHS-B402	0-2	8/30/2016	<0.071U	**0.19J**	<0.3U	**0.21J**	**0.81**	**0.78**	**0.98**	**0.7J**	**0.43J**	<0.068U	**0.83**	**0.15J**	<0.36U	<0.4U	<0.46U	**1.3**	<0.098U
Tennis Court	SSHS-B404	0-2	8/25/2016	<0.067U	<0.08U	<0.29U	<0.068U	<0.088U	<0.07U	<0.11U	<0.07U	<0.14U	<0.064U	<0.083U	<0.078U	<0.34U	<0.38U	<0.44U	<0.075U	<0.092U
Tennis Court	SSHS-B405	0.17-1	8/25/2016	**0.087J**	**1.6**	<0.06U	**3.1**	**9.3**	**8.1**	**9.9**	**6.1**	**3.5**	**1.7**	**7.3**	**1.4**	**0.39J**	<0.08U	<0.092U	**20**	**0.45**
Tennis Court	SSHS-B405	1-2	8/25/2016	<0.0067U	**0.11**	<0.029U	**0.24**	**0.66**	**0.61**	**0.77**	**0.47**	**0.21**	**0.12**	**0.55**	**0.12**	**0.034J**	<0.038U	<0.043U	**1.6**	**0.036J**
Tennis Court	SSHS-B406	0.17-1	8/25/2016	<0.0074U	**0.13**	<0.032U	**0.069J**	**0.23**	**0.27**	**0.34**	**0.26**	**0.097**	<0.0071U	**0.22**	<0.0086U	<0.038U	<0.042U	<0.049U	**0.38**	<0.01U
Tennis Court	SSHS-B406	1-2	8/25/2016	**0.029J**	**0.065J**	<0.03U	**0.1**	**0.26**	**0.25**	**0.3**	**0.23**	**0.13**	**0.042J**	**0.24**	<0.0082U	<0.036U	<0.04U	<0.046U	**0.57**	**0.027J**
Tennis Court	SSHS-B71	0.17-2	8/15/2014	<0.007U	<0.033J	<0.03U	<0.037J	**0.14**	**0.14**	**0.17**	**0.12**	<0.051J	<0.0067U	**0.13**	<0.038J	<0.036U	<0.04U	<0.046U	**0.22**	<0.0096U
Tennis Court	SSHS-B72	0.17-2	8/15/2014	<0.037J	**0.45**	<0.029U	**1**	**2.8**	**2.4**	**3.1**	**1.8**	**1**	**0.5**	**2.1**	**0.38**	<0.18J	<0.039U	<0.044U	**5.4**	**0.21**
Tennis Court	SSHS-B75	0.17-2	8/14/2014	<0.071U	<0.58J	<0.3U	<0.26J	**0.81**	**0.89**	**1.1**	**0.76**	<0.36J	<0.068U	**0.88**	<0.2J	<0.36U	<0.4U	<0.46U	**1**	<0.097U
Tennis Court	SSHS-B76	0.17-2	8/14/2014	<0.0072U	<0.0085U	<0.031U	**0.091**	**0.22**	**0.17**	**0.21**	**0.11**	**0.081**	<0.044J	**0.18**	<0.0083U	<0.037U	<0.041U	<0.047U	**0.51**	<0.019J
Tennis Court	SSHS-B77	0.17-2	8/14/2014	<0.0068U	<0.008U	<0.029U	<0.0069U	<0.0088U	<0.007U	<0.011U	<0.007U	<0.014U	<0.0065U	<0.0084U	<0.0078U	<0.035U	<0.038U	<0.044U	<0.0075U	<0.0093U
Tennis Courts	SSHS-B36	0.5-2.5	9/12/2000	<0.35U	<0.35U	-	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U

TABLE 9B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Indeno(1,2,3-c,d)pyrene	**Naphthalene**	**Phenanthrene**	**Pyrene**
				mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0071	0.0061	0.0071	0.0071
Restricted Residential SCO				0.5	100	100	100
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**				
Athletic Field	SSHS-B11	1-3	5/10/2000	**0.071J**	**0.045J**	**0.047J**	**0.1J**
Athletic Field	SSHS-B12	1-4	5/10/2000	<0.38U	<0.38U	<0.38U	<0.38U
Athletic Field	SSHS-B13	1-2	5/10/2000	**1.1J**	<3.8U	**0.59J**	**1.7J**
Athletic Field	SSHS-B39	0.5-2.5	9/12/2000	**0.42J**	**0.27J**	**0.38J**	**0.53J**
Athletic Field	SSHS-B40	0.5-2.5	9/12/2000	<1.9U	<1.9U	<1.9U	<1.9U
Athletic Field	SSHS-B41	0.5-2.5	9/12/2000	<0.37U	<0.37U	<0.37U	<0.37U
Athletic Field	SSHS-B42	0.5-2.5	9/12/2000	<0.75U	<0.75U	**2**	<0.75U
Athletic Field	SSHS-B42-A	0.17-2	8/15/2014	**3.2**	**1.4**	**1.4**	**4.9**
Athletic Field	SSHS-B43	0.5-2.5	9/12/2000	<0.4U	<0.4U	<0.4U	<0.4U
Athletic Field	SSHS-B43-A	0.17-2	8/15/2014	**0.13**	<0.022J	**0.14**	**0.28**
Athletic Field	SSHS-B44	0.5-2.5	9/13/2000	<0.36U	<0.36U	<0.36U	<0.36U
Athletic Field	SSHS-B45	0.5-2.5	9/13/2000	<0.37U	<0.37U	<0.37U	<0.37U
Athletic Field	SSHS-B46	0.5-2.5	9/13/2000	<0.37U	<0.37U	<0.37U	<0.37U
Athletic Field	SSHS-B48	0.5-2.5	9/13/2000	<0.38U	<0.38U	<0.38U	<0.38U
Athletic Field	SSHS-B50	0.5-2.5	9/13/2000	<0.37U	<0.37U	<0.37U	<0.37U
Athletic Field	SSHS-B51	0.5-2.5	9/13/2000	**4**	<1.8U	<1.8U	**8.6**
Athletic Field	SSHS-B52	0.5-2.5	9/13/2000	<0.36U	<0.36U	<0.36U	<0.36U
Athletic Field	SSHS-B53	0.5-2.5	9/13/2000	<0.36U	<0.36U	<0.36U	<0.36U
Athletic Field	SSHS-B54	0.5-2.5	9/13/2000	<1.9U	<1.9U	**3.2**	**2.1**
Athletic Field	SSHS-B55	0.5-2.5	9/13/2000	**0.65**	<0.38U	**0.5**	**1.5**
Athletic Field	SSHS-B56	0.5-2.5	9/13/2000	<0.35U	<0.35U	<0.35U	<0.35U
Athletic Field	SSHS-B57	0.5-2.5	9/13/2000	<0.35U	<0.35U	<0.35U	<0.35U
Athletic Field	SSHS-B570	0-2	8/30/2016	-	-	-	-
Athletic Field	SSHS-B571	0-2	8/30/2016	-	-	-	-
Athletic Field	SSHS-B572	0-2	8/30/2016	**0.066J**	**0.025J**	**0.13**	**0.2**
Athletic Field	SSHS-B58	0.5-2.5	9/13/2000	<0.38U	<0.38U	<0.38U	<0.38U
Athletic Field	SSHS-B59	0.5-2.5	9/13/2000	<0.36U	<0.36U	<0.36U	<0.36U
A-Wing	SSHS-B15	0.75-1	7/11/2000	<0.38U	<0.38U	<0.38U	**0.046J**
A-Wing	SSHS-B15	1-1.5	7/27/2000	<0.37U	<0.37U	<0.37U	<0.37U
Cafeteria	SSHS-B21	1-4	5/9/2000	**0.076J**	<0.38U	**0.12J**	**0.26J**

TABLE 9B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene
				mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0071	0.0061	0.0071	0.0071
Restricted Residential SCO				0.5	100	100	100
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**				
Cafeteria	SSHS-SB-1	1.5-3.5	3/31/2014	**0.077**	<0U	**0.12**	**0.27**
Cafeteria	SSHS-SB-2	1.5-3.5	3/31/2014	<0U	<0U	**0.16**	**0.12**
Cafeteria	SSHS-SB-3	1.5-3.5	3/31/2014	**0.081**	<0U	**0.15**	**0.27**
Cafeteria	SSHS-SB-4	1.5-3.5	3/31/2014	<0U	<0U	**0.2**	**0.2**
Cafeteria	SSHS-SB-5	1.5-3.5	3/31/2014	<0U	<0U	**0.15**	**0.26**
Cafeteria	SSHS-SB-6	1.5-3.5	3/31/2014	**1.3**	**0.008 - 0.42**	**10**	**8.9**
East of Gymnasium	SSHS-B25	1-4	5/9/2000	<0.35U	<0.35U	<0.35U	<0.35U
East of Gymnasium	SSHS-B26-A	0.17-2	8/14/2014	<0.019J	<0.0066U	<0.021J	<0.029J
East of Gymnasium	SSHS-B29	1-4	5/8/2000	<0.36U	<0.36U	**0.056J**	<0.087U
East of Gymnasium	SSHS-B29-A	0.17-2	8/13/2014	<0.026J	<0.017J	<0.044J	<0.06J
East of Gymnasium	SSHS-B30	1-4	5/8/2000	**0.042J**	<0.36U	**0.074J**	**0.14J**
East of Gymnasium	SSHS-B32	1-4	5/8/2000	<0.35U	<0.35U	<0.35U	<0.35U
East of Gymnasium	SSHS-B34	1-4	5/9/2000	<0.36U	<0.36U	<0.36U	<0.36U
East of Gymnasium	SSHS-B517	0-2	9/23/2016	<0.0072U	**0.046J**	**0.047J**	**0.059J**
East of Gymnasium	SSHS-B575A	0-2	9/19/2016	<0.036U	<0.03U	<0.056U	<0.035U
East of Gymnasium	SSHS-B575B	0-2	9/19/2016	<0.07U	<0.059U	<0.11U	<0.069U
East of Gymnasium	SSHS-B575C	0-2	9/19/2016	<0.03U	<0.025U	<0.047U	<0.03U
East of Gymnasium	SSHS-B99	0.17-2	8/13/2014	**0.13**	<0.0065U	**0.21**	**0.29**
Football Field	SSHS-B410	0-2	8/25/2016	<0.0082U	**0.059J**	<0.013U	**0.044J**
Football Field	SSHS-B424	0-2	8/22/2016	**0.21**	**0.055J**	**0.36**	**0.65**
Football Field	SSHS-B429	0.17-2	8/26/2016	**0.26**	**0.07J**	**0.66**	**0.63**
Football Field	SSHS-B432	0-2	8/22/2016	<0.0084U	**0.035J**	**0.04J**	**0.058J**
Football Field	SSHS-B434	0-2	8/22/2016	**0.11**	**0.042J**	**0.24**	**0.3**
Football Field	SSHS-B448	0-2	8/25/2016	<0.0079U	<0.0066U	**0.037J**	**0.076J**
Football Field	SSHS-B450	0-2	8/25/2016	**0.87**	**0.36**	**1.2**	**1.7**
Football Field	SSHS-FB1	0.5-2	6/29/2000	**1.3**	**0.1J**	**2.8**	**2.9**
Football Field	SSHS-FB10	1-3	6/29/2000	**0.84**	**0.11J**	**1.1**	**1.7**
Football Field	SSHS-FB11	1-3	6/29/2000	**0.067J**	**0.14J**	**0.37J**	**0.18J**
Football Field	SSHS-FB2	0.5-1	6/29/2000	**0.99**	**0.36J**	**2.8**	**2.9**
Football Field	SSHS-FB5	1-1.5	8/14/2000	-	-	-	-

TABLE 9B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Indeno(1,2,3-c,d)pyrene	**Naphthalene**	**Phenanthrene**	**Pyrene**
				mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0071	0.0061	0.0071	0.0071
Restricted Residential SCO				0.5	100	100	100
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**				
Football Field	SSHS-FB5-A	1.5-1.5	7/21/2014	-	-	-	-
Football Field	SSHS-FB5-B	1.5-1.5	7/21/2014	-	-	-	-
Football Field	SSHS-FB5-C	1.5-1.5	7/21/2014	-	-	-	-
Football Field	SSHS-FB5-D	1.5-1.5	7/21/2014	-	-	-	-
Football Field	SSHS-FB5-E	1.5-1.5	7/21/2014	-	-	-	-
Football Field	SSHS-FB6	1-1.5	8/14/2000	**0.52**	**0.058J**	**1.3**	**1.6**
Football Field	SSHS-FB6	1-2	6/29/2000	**31**	**22D**	**150D**	**140D**
Football Field	SSHS-FB6	1-3	6/29/2000	**0.075J**	**0.054J**	**0.24J**	**0.18J**
Football Field	SSHS-FB7	1-3	6/29/2000	**0.14J**	<0.4U	**5.33**	**0.46**
Football Field	SSHS-FB9	1-2	6/29/2000	**0.81**	**0.074J**	**0.54**	**1.6**
Football Field North	SSHS-B2	1-2	5/12/2000	<0.41U	<0.41U	<0.41U	<0.41U
Football Field North	SSHS-B447	0-2	8/24/2016	-	-	-	-
Football Field North	SSHS-B449	0-2	8/30/2016	**0.11**	**0.098**	**0.13**	**0.23**
Football Field North	SSHS-B49	0.5-2.5	9/13/2000	**1.5**	**0.61**	**1.2**	**1.9**
Football Field North	SSHS-B6	1-3	5/11/2000	**0.28J**	<0.36U	**0.08J**	**0.3J**
F-Wing	SSHS-B18	1-3	5/10/2000	**0.18J**	<0.37U	**0.59**	**0.7**
F-Wing	SSHS-B92	0.17-2	8/12/2014	**0.24**	<0.031J	**0.59**	**0.98**
F-Wing	SSHS-B93	0.17-2	8/12/2014	**0.23**	<0.073J	**0.43**	**0.52**
F-Wing	SSHS-B94	0.17-2	8/12/2014	**0.19**	<0.027J	**0.58**	**0.77**
F-Wing	SSHS-B95	0.17-2	8/12/2014	<0.024J	<0.02J	<0.057J	<0.067J
F-Wing	SSHS-B96	0.17-2	8/12/2014	**0.17**	<0.044J	**0.84**	**0.72**
F-Wing	SSHS-B98	0.17-2	8/13/2014	<0.053J	<0.0074U	**0.087**	**0.12**
F-Wing	SSHS-MW47	0-2	8/29/2016	-	-	-	-
K-Wing	SSHS-B19	1-4	5/9/2000	<0.37U	<0.37U	**0.069J**	**0.085J**
K-Wing	SSHS-B97	0.17-2	8/13/2014	<0.016J	<0.0069U	<0.024J	<0.038J
Main Parking Lot	SSHS-B16	1-2	5/10/2000	**0.068J**	<0.38U	**0.093J**	**0.16J**
Main Parking Lot	SSHS-B17	1-3	5/10/2000	<0.41U	<0.41U	<0.41U	<0.41U
Main Parking Lot	SSHS-B574	0-2	8/29/2016	-	-	-	-
Main Parking Lot	SSHS-B73	0.17-2	8/13/2014	**1.7**	**0.16**	**8.9**	**9**
Main Parking Lot	SSHS-B74	0.17-2	8/13/2014	**0.11**	<0.0063U	**0.15**	**0.31**

TABLE 9B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Indeno(1,2,3-c,d)pyrene	**Naphthalene**	**Phenanthrene**	**Pyrene**
				mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0071	0.0061	0.0071	0.0071
Restricted Residential SCO				0.5	100	100	100
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**				
Main Parking Lot	SSHS-B78	0.17-2	8/14/2014	**0.97**	**0.45**	**0.99**	**1.7**
Main Parking Lot	SSHS-B79	0.17-2	8/14/2014	**2.1**	**4.6**	**1.3**	**2**
Main Parking Lot	SSHS-B80	0.17-2	8/14/2014	**0.71**	**0.11**	**0.59**	**1.1**
Main Parking Lot	SSHS-B81	0.17-2	8/14/2014	**1.8**	**0.9**	**4.1**	**6.6**
Main Parking Lot	SSHS-B82	0.17-2	8/13/2014	**0.083**	<0.068J	**0.14**	**0.11**
Main Parking Lot	SSHS-B83	0.17-2	8/14/2014	<0.0075U	<0.0062U	<0.012U	<0.023J
Main Parking Lot	SSHS-B84	0.17-2	8/14/2014	**0.64**	**0.1**	**0.36**	**0.74**
Main Parking Lot	SSHS-B85	0.17-2	8/13/2014	<0.0077U	**0.085**	<0.012U	<0.024J
Main Parking Lot	SSHS-B86	0.17-2	8/13/2014	**0.099**	**0.075**	**0.075**	**0.16**
Main Parking Lot	SSHS-B87	0.17-2	8/14/2014	**0.27**	<0.052J	**0.27**	**0.64**
Main Parking Lot	SSHS-B88	0.17-2	8/13/2014	**0.47**	**0.24**	**0.32**	**0.6**
Main Parking Lot	SSHS-B89	0.17-2	8/13/2014	<0.028J	<0.015J	<0.03J	<0.042J
Main Parking Lot	SSHS-B90	0.17-2	8/13/2014	<0.038U	<0.032U	<0.089J	<0.21J
Main Parking Lot	SSHS-B91	0.17-2	8/13/2014	**0.1**	<0.066J	**0.15**	**0.21**
Rear Parking Lot	SSHS-B100	0.17-2	8/15/2014	<0.051J	<0.057J	**0.14**	**0.12**
Rear Parking Lot	SSHS-B101	0.17-2	8/14/2014	<0.0074U	<0.018J	<0.036J	<0.022J
Rear Parking Lot	SSHS-B23	1-4	5/9/2000	<0.43U	<0.43U	<0.43U	<0.43U
Rear Parking Lot	SSHS-B24	1-4	5/9/2000	<0.38U	<0.38U	**0.062J**	<0.05J
Rear Parking Lot	SSHS-B518	0-2	9/16/2016	-	-	-	-
Rear Parking Lot	SSHS-B519	0-2	9/22/2016	-	-	-	-
Rear Parking Lot	SSHS-B520	0-2	9/22/2016	<0.0075U	**0.068J**	**0.078**	**0.038J**
Rear Parking Lot	SSHS-B522	0-2	9/16/2016	-	-	-	-
Rear Parking Lot	SSHS-B524	0-2	9/23/2016	-	-	-	-
Rear Parking Lot	SSHS-B555	0-2	9/16/2016	-	-	-	-
Rear Parking Lot	SSHS-B557	0-2	9/7/2016	-	-	-	-
Rear Parking Lot	SSHS-B558	0-2	9/7/2016	-	-	-	-
Rear Parking Lot	SSHS-B559	0-2	9/7/2016	-	-	-	-
Rear Parking Lot	SSHS-B560	0-2	9/7/2016	**0.049J**	**0.36J**	**0.44J**	**0.11J**
Rear Parking Lot	SSHS-B568	0-2	9/21/2016	**0.021J**	**0.059J**	**0.16**	**0.091**
Rear Parking Lot	SSHS-B64	0.17-2	8/14/2014	<0.0072U	<0.019J	<0.02J	<0.0071U

TABLE 9B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene
				mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0071	0.0061	0.0071	0.0071
Restricted Residential SCO				0.5	100	100	100
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**				
Rear Parking Lot	SSHS-B65	0.17-2	8/14/2014	<0.0073U	<0.019J	<0.011U	<0.011J
Rear Parking Lot	SSHS-B66	0.17-2	8/14/2014	<0.035J	<0.033J	<0.056J	<0.059J
Rear Parking Lot	SSHS-B67	0.17-2	8/14/2014	<0.062J	**0.3**	**0.28**	**0.13**
Rear Parking Lot	SSHS-B68	0.17-2	8/14/2014	**0.21**	**0.09**	**0.19**	**0.29**
Rear Parking Lot	SSHS-B69	0.17-2	8/14/2014	**0.6**	<0.053J	**0.51**	**1**

TABLE 9B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SHALLOW SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene
				mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0071	0.0061	0.0071	0.0071
Restricted Residential SCO				0.5	100	100	100
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**				
South Athletic Field	SSHS-B70	0.17-2	8/14/2014	<0.054J	<0.0065U	<0.033J	**0.082**
Tennis Court	SSHS-B37	0.5-2.5	9/12/2000	<0.34U	<0.34U	**0.41**	**0.43**
Tennis Court	SSHS-B38	1-4.5	9/12/2000	**2.4**	<1.8U	**5.7**	**8.4.**
Tennis Court	SSHS-B399	0-2	8/25/2016	<0.0076U	**0.034J**	**0.035J**	**0.061J**
Tennis Court	SSHS-B402	0-2	8/30/2016	**0.58J**	**0.21J**	**0.66J**	**1.4**
Tennis Court	SSHS-B404	0-2	8/25/2016	<0.072U	<0.06U	<0.11U	<0.071U
Tennis Court	SSHS-B405	0.17-1	8/25/2016	**5.8**	**0.84**	**11**	**14**
Tennis Court	SSHS-B405	1-2	8/25/2016	**0.41**	**0.072**	**0.82**	**1.1**
Tennis Court	SSHS-B406	0.17-1	8/25/2016	**0.21**	**0.096**	**0.14**	**0.31**
Tennis Court	SSHS-B406	1-2	8/25/2016	**0.19**	**0.078**	**0.35**	**0.4**
Tennis Court	SSHS-B71	0.17-2	8/15/2014	**0.097**	<0.035J	**0.11**	**0.19**
Tennis Court	SSHS-B72	0.17-2	8/15/2014	**1.7**	**0.29**	**3.9**	**4.2**
Tennis Court	SSHS-B75	0.17-2	8/14/2014	<0.6J	<0.26J	<0.52J	**1**
Tennis Court	SSHS-B76	0.17-2	8/14/2014	**0.11**	<0.032J	**0.45**	**0.42**
Tennis Court	SSHS-B77	0.17-2	8/14/2014	<0.0072U	<0.0061U	<0.011U	<0.0071U
Tennis Courts	SSHS-B36	0.5-2.5	9/12/2000	<0.35U	<0.35U	<0.35U	<0.35U

TABLE 10A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
PCB Subsurface Screening Value													10
Protection of Ground Water SCO													3.2
NYS Hazardous Waste													50
Investigation Area	**Location**	**Depth Interval (ft bgs)**	**Sample Date**										
Athletic Field	SSHS-B10	2-3	5/10/2000	<0.04U	<0.04U	<0.04U	<0.04U	<0.04U	<0.04U	<0.04U	-	-	<0
Athletic Field	SSHS-B11	1-3	5/10/2000	<0.038U	<0.038U	<0.038U	<0.038U	0.19	<0.038U	0.15	-	-	0.34
Athletic Field	SSHS-B12	1-4	5/10/2000	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	-	-	<0
Athletic Field	SSHS-B39	0.5-2.5	9/12/2000	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	-	-	<0
Athletic Field	SSHS-B40	0.5-2.5	9/12/2000	<0.037U	<0.037U	<0.037U	<0.037U	1.2D	<0.037U	0.11	-	-	1.31
Athletic Field	SSHS-B41	0.5-2.5	9/12/2000	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	-	-	<0
Athletic Field	SSHS-B42	0.5-2.5	9/12/2000	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	-	-	<0
Athletic Field	SSHS-B42-A	3-5	8/15/2014	<0.0029U	<0.0037U	<0.0033U	<0.0032U	<0.0018U	<0.0028U	<0.0028U	<0.0025U	<0.0042U	<0
Athletic Field	SSHS-B42-A	7-9	8/15/2014	<0.0028U	<0.0036U	<0.0032U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
Athletic Field	SSHS-B42-A	11-13	8/15/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
Athletic Field	SSHS-B43	0.5-2.5	9/12/2000	<0.04U	<0.04U	<0.04U	<0.04U	0.39	<0.04U	<0.04U	-	-	0.39
Athletic Field	SSHS-B43-A	2-6	8/15/2014	<0.0028U	<0.0035U	<0.0032U	<0.003U	0.029	<0.0026U	0.033	<0.0024U	<0.0041U	0.062
Athletic Field	SSHS-B43-A	7-9	8/15/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
Athletic Field	SSHS-B43-A	11.5-13.5	8/15/2014	<0.0025U	<0.0032U	<0.0029U	<0.0028U	<0.0016U	<0.0024U	<0.0024U	<0.0022U	<0.0037U	<0
Athletic Field	SSHS-B44	0.5-2.5	9/13/2000	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	-	-	<0
Athletic Field	SSHS-B45	0.5-2.5	9/13/2000	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	-	-	<0
Athletic Field	SSHS-B46	0.5-2.5	9/13/2000	<0.037U	<0.037U	<0.037U	<0.037U	0.32	<0.037U	<0.037U	-	-	0.32
Athletic Field	SSHS-B46	8-10	9/13/2000	<0.034U	<0.034U	<0.034U	<0.034U	<0.034U	<0.034U	<0.034U	-	-	<0
Athletic Field	SSHS-B47	3-5	9/13/2000	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	-	-	<0
Athletic Field	SSHS-B48	0.5-2.5	9/13/2000	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	-	-	<0
Athletic Field	SSHS-B50	0.5-2.5	9/13/2000	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	-	-	<0
Athletic Field	SSHS-B50	4-7	9/13/2000	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	-	-	<0
Athletic Field	SSHS-B51	0.5-2.5	9/13/2000	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	-	-	<0
Athletic Field	SSHS-B52	0.5-2.5	9/13/2000	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	-	-	<0
Athletic Field	SSHS-B52	4-6	9/13/2000	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	-	-	<0
Athletic Field	SSHS-B53	0.5-2.5	9/13/2000	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	-	-	<0
Athletic Field	SSHS-B54	0.5-2.5	9/13/2000	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	-	-	<0
Athletic Field	SSHS-B54	4-6	9/13/2000	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	-	-	<0
Athletic Field	SSHS-B55	0.5-2.5	9/13/2000	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	-	-	<0
Athletic Field	SSHS-B56	0.5-2.5	9/13/2000	<0.035U	<0.035U	<0.035U	<0.035U	<0.035U	<0.035U	<0.035U	-	-	<0
Athletic Field	SSHS-B57	0.5-2.5	9/13/2000	<0.035U	<0.035U	<0.035U	<0.035U	<0.035U	<0.035U	0.053	-	-	0.053
Athletic Field	SSHS-B572	2-4	8/30/2016	<0.008U	<0.013U	<0.0044U	<0.0065U	<0.0041U	<0.0065U	<0.006U	<0.0033U	<0.0054U	0
Athletic Field	SSHS-B572	4-6	8/30/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	<0.0042U	<0.0066U	<0.0061U	<0.0033U	<0.0055U	0
Athletic Field	SSHS-B572	6-8	8/30/2016	<0.008U	<0.013U	<0.0044U	<0.0064U	<0.0041U	<0.0064U	<0.006U	<0.0033U	<0.0054U	0
Athletic Field	SSHS-B572	8-10	8/30/2016	<0.008U	<0.013U	<0.0044U	<0.0065U	<0.0041U	<0.0065U	<0.006U	<0.0033U	<0.0054U	0
Athletic Field	SSHS-B572	14-16	9/2/2016	<0.0081U	<0.013U	<0.0045U	<0.0066U	<0.0042U	<0.0066U	<0.0061U	<0.0033U	<0.0055U	0

TABLE 10A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
PCB Subsurface Screening Value													10
Protection of Ground Water SCO													3.2
NYS Hazardous Waste													50
Investigation Area	**Location**	**Depth Interval (ft bgs)**	**Sample Date**										
Athletic Field	SSHS-B572	16-18	9/2/2016	<0.041U	<0.065U	<0.023U	<0.033U	2.5J	0.64J	0.09J	<0.017U	<0.028U	3.23
Athletic Field	SSHS-B58	0.5-2.5	9/13/2000	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	-	-	<0
Athletic Field	SSHS-B59	0.5-2.5	9/13/2000	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	-	-	<0
A-Wing	SSHS-B15	4-5	5/10/2000	<0.039U	<0.039U	<0.039U	<0.039U	74D	<0.039U	6.1	-	-	80.1
A-Wing	SSHS-B15-A	2-3	7/22/2014	<0.0013U	<0.0017U	<0.0015U	<0.0015U	0.13J	0.063J	<0.0013U	<0.0012U	0.012J	0.205
A-Wing	SSHS-B15-AA	4-6	7/20/2015	<0.078U	<0.096U	<0.13U	<0.097U	26J	16J	2.3J	<0.077U	<0.14U	44.3
A-Wing	SSHS-B15-AA	6-8	7/20/2015	<0.0038U	<0.0046U	<0.0064U	<0.0047U	0.061J	0.027J	0.0061J	<0.0037U	<0.0068U	0.0941
A-Wing	SSHS-B15-B	2-3	7/22/2014	<0.0014U	<0.0017U	<0.0016U	<0.0015U	0.2J	0.11J	<0.0013U	<0.0012U	<0.002U	0.31
A-Wing	SSHS-B15-C	2-3	7/22/2014	<0.027U	<0.035U	<0.032U	<0.03U	15J	7J	<0.026U	<0.024U	<0.04U	22
A-Wing	SSHS-B243	2-4	7/30/2015	<0.0038U	<0.0047U	<0.0065U	<0.0047U	1.1J	0.72J	0.13J	<0.0038U	<0.0069U	1.95
A-Wing	SSHS-B246	2-4	7/30/2015	<0.0038U	<0.0046U	<0.0064U	<0.0046U	0.065J	0.049J	0.012J	<0.0037U	<0.0068U	0.126
A-Wing	SSHS-B247	2-4	7/20/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	2.5J	1.4J	0.19J	<0.0037U	<0.0067U	4.09
A-Wing	SSHS-B247	4-6	7/20/2015	<0.0036U	<0.0045U	<0.0062U	<0.0045U	0.42J	0.22J	0.027J	<0.0036U	<0.0066U	0.667
A-Wing	SSHS-B247	6-8	7/20/2015	<0.0036U	<0.0045U	<0.0062U	<0.0045U	0.066J	0.023J	0.0044J	<0.0036U	<0.0066U	0.0934
A-Wing	SSHS-B248	2-4	7/20/2015	<0.0038U	<0.0047U	<0.0064U	<0.0047U	0.14J	0.1J	0.021J	<0.0037U	<0.0069U	0.261
A-Wing	SSHS-B248	4-6	7/20/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	3.2J	1.8J	0.5J	<0.0037U	<0.0068U	5.5
A-Wing	SSHS-B248	6-8	7/20/2015	<0.004U	<0.0049U	<0.0067U	<0.0049U	0.085J	0.25J	0.58J	<0.0039U	<0.0072U	0.915
A-Wing	SSHS-B249	2-4	7/30/2015	<0.0038U	<0.0047U	<0.0065U	<0.0047U	0.28J	0.17J	0.037J	<0.0038U	<0.0069U	0.487
A-Wing	SSHS-B250	2-4	7/30/2015	<0.018U,F1	<0.022U	<0.03U	<0.022U	9.8J	4.4J	0.74J	<0.018U	<0.033U	14.94
A-Wing	SSHS-B251	2-3	7/20/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	6J	2J	0.35J	<0.0037U	<0.0068U	8.35
A-Wing	SSHS-B252	2-4	7/20/2015	<0.0037U	<0.0045U	<0.0063U	<0.0046U	0.059J	0.047J	0.012J	<0.0037U	<0.0067U	0.118
A-Wing	SSHS-B252	4-6	7/20/2015	<0.0037U	<0.0045U	<0.0062U	<0.0046U	0.42J	0.26J	0.052J	<0.0036U	<0.0067U	0.732
A-Wing	SSHS-B252	6-8	7/20/2015	<0.0036U	<0.0044U	<0.0061U	<0.0044U	<0.0044U	<0.0042U	<0.0039U	<0.0035U	<0.0065U	<0
A-Wing	SSHS-B253	2-4	7/30/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	0.046J	0.063J	0.019J	<0.0037U	<0.0068U	0.128
A-Wing	SSHS-B254	2-4	7/30/2015	<0.0038U	<0.0047U	<0.0065U	<0.0047U	4.7J	1.9J	0.31J	<0.0038U	<0.0069U	6.91
A-Wing	SSHS-B255	2-4	7/30/2015	<0.0037U	<0.0045U	<0.0062U	<0.0046U	0.0088J	0.024J	0.015J	<0.0036U	<0.0067U	0.0478
A-Wing	SSHS-B255	4-6	7/30/2015	<0.0038U	<0.0047U	<0.0064U	<0.0047U	0.18J	0.098J	0.019J	<0.0038U	<0.0069U	0.297
A-Wing	SSHS-B255	6-8	7/30/2015	<0.0036U	<0.0044U	<0.0061U	<0.0045U	0.005J	<0.0042U	<0.0039U	<0.0036U	<0.0065U	0.005
A-Wing	SSHS-B256	2-4	7/20/2015	<0.004U	<0.0049U	<0.0067U	<0.0049U	0.81J	0.36J	0.048J	<0.0039U	<0.0072U	1.218
A-Wing	SSHS-B256	4-6	7/20/2015	<0.19U	<0.23U	<0.32U	<0.23U	63J	25J	2.4J	<0.19U	<0.34U	90.4
A-Wing	SSHS-B256	6-8	7/20/2015	<0.0036U	<0.0044U	<0.0061U	<0.0044U	0.053J	0.026J	0.0073J	<0.0035U	<0.0065U	0.0863
A-Wing	SSHS-B257	2-4	7/30/2015	<0.019U,F1	<0.023U	<0.032U	<0.023U	8J	<0.022U	0.58J	<0.019U	<0.034U	8.58
A-Wing	SSHS-B257	4-6	7/30/2015	<0.077U	<0.094U	<0.13U	<0.095U	38J	18J	3.1J	<0.076U	<0.14U	59.1
A-Wing	SSHS-B257	6-8	7/30/2015	<0.038U	<0.046U	<0.064U	<0.047U	16J	8J	1.3J	<0.037U	<0.068U	25.3
A-Wing	SSHS-B257	8-10	7/30/2015	<0.0037U	<0.0045U	<0.0062U	<0.0046U	5J	2.3J	0.47J	<0.0036U	<0.0067U	7.77
A-Wing	SSHS-B330	2-4	3/9/2016	<0.042U	<0.066U	<0.023U	<0.034U	8.5J	3.1J	0.28J	<0.017U	<0.029U	11.88

TABLE 10A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
PCB Subsurface Screening Value													10
Protection of Ground Water SCO													3.2
NYS Hazardous Waste													50
Investigation Area	**Location**	**Depth Interval (ft bgs)**	**Sample Date**										
A-Wing	SSHS-B330	4-6	3/9/2016	<0.0085U	<0.013U	<0.0047U	<0.0069U	1.2J	0.59J	0.16J	<0.0035U	<0.0058U	1.95
A-Wing	SSHS-B330	6-8	3/9/2016	<0.17U	<0.27U	<0.094U	<0.14U	30J	11J	1.3J	<0.07U	<0.12U	42.3
A-Wing	SSHS-B330	8-10	3/9/2016	<0.17U	<0.27U	<0.094U	<0.14U	31J	10J	1.1J	<0.07U	<0.12U	42.1
A-Wing	SSHS-B330	10-12	3/9/2016	<0.87U	<1.4U	<0.47U	<0.7U	180J	78J	9.4J	<0.35U	<0.59U	267.4
A-Wing	SSHS-B330	12-14	3/9/2016	<0.0084U	<0.013U	<0.0046U	<0.0067U	2.2J	1.4J	0.25J	<0.0034U	<0.0057U	3.85
A-Wing	SSHS-B337	4-6	3/9/2016	<0.0085U	<0.013U	<0.0047U	<0.0069U	0.027	<0.0069U	<0.0064U	<0.0035U	<0.0058U	0.027
A-Wing	SSHS-B337	8-10	3/9/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	0.064J	0.026J	<0.0061U	<0.0033U	<0.0055U	0.09
A-Wing	SSHS-B338	2-4	3/9/2016	<0.042U	<0.066U	<0.023U	<0.034U	10J	3.5J	0.32J	<0.017U	<0.028U	13.82
A-Wing	SSHS-B338	4-6	3/9/2016	<0.0084U	<0.013U	<0.0046U	<0.0067U	2.3J	0.89J	0.12J	<0.0034U	<0.0057U	3.31
A-Wing	SSHS-B338	6-8	3/9/2016	<0.087U	<0.14U	<0.048U	<0.07U	15J	5.7J	0.41J	<0.036U	<0.059U	21.11
A-Wing	SSHS-B338	8-10	3/9/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	1.8J	0.86J	0.1J	<0.0034U	<0.0056U	2.76
A-Wing	SSHS-B339	2-4	3/9/2016	<0.042U	<0.066U	<0.023U	<0.034U	6.6J	2.4J	0.17J	<0.017U	<0.028U	9.17
A-Wing	SSHS-B340	2-4	3/9/2016	<0.44U	<0.69U	<0.24U	<0.35U	140J	58J	6.6J	<0.18U	<0.29U	204.6
A-Wing	SSHS-B343	4-6	3/9/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	0.046J	0.045J	0.015J	<0.0036U	<0.006U	0.106
A-Wing	SSHS-B345	4-6	3/9/2016	<0.0083U	<0.013U	<0.0046U	<0.0067U	5J	2.2J	0.35J	<0.0034U	<0.0057U	7.55
A-Wing	SSHS-B464	2-4	8/29/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.19J	0.079J	0.034J	<0.0034U	<0.0057U	0.303
A-Wing	SSHS-B464	4-6	8/29/2016	<0.43U	<0.67U	<0.23U	<0.34U	79J	27J	3.3J	<0.17U	<0.29U	109.3
A-Wing	SSHS-B464	6-8	8/29/2016	<1.7U	<2.7U	<0.95U	<1.4U	750J	270J	36J	<0.7U	<1.2U	1056
A-Wing	SSHS-B467	2-4	8/29/2016	<4.2U	<6.6U	<2.3U	<3.4U	2800J	900J	65J	<1.7U	<2.9U	3765
A-Wing	SSHS-B467	4-6	8/29/2016	<0.41U	<0.64U	<0.22U	<0.33U	220J	83J	5.3J	<0.17U	<0.28U	308.3
A-Wing	SSHS-B467	6-8	8/29/2016	<0.008U	<0.013U	<0.0044U	<0.0064U	0.025	<0.0064U	<0.006U	<0.0032U	<0.0054U	0.025
A-Wing	SSHS-B469	2-4	8/29/2016	<0.0085U	<0.013U	<0.0047U	<0.0069U	0.17J	0.052J	<0.0064UJ	<0.0035U	<0.0058U	0.222
A-Wing	SSHS-B469	6-8	8/29/2016	<0.0086U	<0.014U	<0.0047U	<0.007U	5.6J	2J	0.3J	<0.0035U	<0.0059U	7.9
A-Wing	SSHS-B469	8-10	8/29/2016	<0.44U	<0.69U	<0.24U	<0.35U	63J	22J	2.9J	<0.18U	<0.3U	87.9
A-Wing	SSHS-B469	10-12	8/29/2016	<1.8U	<2.8U	<0.98U	<1.4U	750J	250J	32J	<0.73U	<1.2U	1032
A-Wing	SSHS-B469	12-14	8/29/2016	<0.86U	<1.4U	<0.47U	<0.69U	410J	130J	15J	<0.35U	<0.58U	555
A-Wing	SSHS-B470	6-8	8/29/2016	<0.0083U	<0.013U	<0.0046U	<0.0067U	0.18J	0.1J	0.018J	<0.0034U	<0.0057U	0.298
A-Wing	SSHS-B470	8-10	8/29/2016	<0.44U	<0.7U	<0.24U	<0.36U	120J	48J	6.1J	<0.18U	<0.3U	174.1
A-Wing	SSHS-B470	10-12	8/29/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.34J	0.13J	0.024J	<0.0034U	<0.0057U	0.494
A-Wing	SSHS-B470	12-14	8/29/2016	<0.042U	<0.067U	<0.023U	<0.034U	7.6J	3.3J	0.5J	<0.017U	<0.029U	11.4
A-Wing	SSHS-B475	8-10	8/29/2016	<0.008U	<0.013U	<0.0044U	<0.0064U	0.6J	0.34J	0.054J	<0.0033U	<0.0054U	0.994
A-Wing	SSHS-B475	10-12	8/29/2016	<0.008U	<0.013U	<0.0044U	<0.0065U	0.061J	0.031J	<0.006U	<0.0033U	<0.0055U	0.092
A-Wing	SSHS-B476	6-8	8/29/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	<0.0042U	<0.0066U	<0.0061U	<0.0033U	<0.0055U	0
A-Wing	SSHS-B477	2-4	8/29/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	2.5J	1.1J	0.14J	<0.0034U	<0.0057U	3.74
A-Wing	SSHS-B477	4-6	8/29/2016	<0.41U	<0.65U	<0.23U	<0.33U	67J	25J	2.1J	<0.17U	<0.28U	94.1
A-Wing	SSHS-B477	6-8	8/29/2016	<0.43U	<0.67U	<0.23U	<0.34U	98J	35J	2.7J	<0.17U	<0.29U	135.7

TABLE 10A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
PCB Subsurface Screening Value													10
Protection of Ground Water SCO													3.2
NYS Hazardous Waste													50
Investigation Area	**Location**	**Depth Interval (ft bgs)**	**Sample Date**										
A-Wing	SSHS-B479	4-6	8/29/2016	<0.042U	<0.066U	<0.023U	<0.034U	9.3J	4.7J	0.48J	<0.017U	<0.028U	14.48
A-Wing	SSHS-B479	6-8	8/29/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	<0.0042U	<0.0066U	<0.0061U	<0.0033U	<0.0056U	0
A-Wing	SSHS-B479	10-12	8/29/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	<0.0042U	<0.0066U	<0.0062U	<0.0034U	<0.0056U	0
A-Wing	SSHS-B480	10-12	8/29/2016	<0.0078U	<0.012U	<0.0043U	<0.0063U	<0.004U	<0.0063U	<0.0058U	<0.0032U	<0.0053U	0
A-Wing	SSHS-B622	4-6	2/16/2017	<0.097U	<0.095U	<0.073U	<0.15U	17J	4.9J	0.88J	<0.056U	<0.13U	22.78
A-Wing	SSHS-B622	6-8	2/16/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	1.7	0.87	0.13	<0.0056U	<0.013U	2.7
A-Wing	SSHS-B622	8-10	2/16/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	4.7	2.1	0.12	<0.0055U	<0.013U	6.92
A-Wing	SSHS-B622	10-12	2/16/2017	<0.0093U	<0.0091U	<0.007U	<0.014U	0.042J	0.016J	<0.012U	<0.0054U	<0.013U	0.058
A-Wing	SSHS-B623	2-4	2/16/2017	<0.095U	<0.093U	<0.071U	<0.14U	8.2J	4.2J	0.5J	<0.054U	<0.13U	12.9
A-Wing	SSHS-B623	4-6	2/16/2017	<0.01U	<0.0097U	<0.0074U	<0.015U	1.1J	0.34J	0.075J	<0.0057U	<0.013U	1.515
A-Wing	SSHS-B623	10-12	2/16/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	<0.0086U	<0.0079U	<0.012U	<0.0055U	<0.013U	0
A-Wing	SSHS-B631	12-14	2/16/2017	<0.0093U	<0.0091U	<0.007U	<0.014U	0.092J	0.036J	<0.012U	<0.0054U	<0.013U	0.128
A-Wing	SSHS-B631	14-16	2/16/2017	<0.0091U	<0.0089U	<0.0068U	<0.014U	<0.0082U	<0.0075U	<0.011U	<0.0052U	<0.012U	0
A-Wing	SSHS-B635	8-10	2/16/2017	<0.096U	<0.094U	<0.072U	<0.14U	12J	4.7J	0.9J	<0.055U	<0.13U	17.6
A-Wing	SSHS-B635	12-14	2/16/2017	<0.01U	<0.0099U	<0.0076U	<0.015U	1.1J	0.39J	0.1J	<0.0058U	<0.014U	1.59
A-Wing	SSHS-B647	14-16	2/16/2017	<0.047U	<0.046U	<0.035U	<0.07U	11J	2.8J	0.53J	<0.027U	<0.064U	14.33
A-Wing	SSHS-B654	4-6	2/16/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.68J	0.23J	0.041J	<0.0057U	<0.013U	0.951
A-Wing	SSHS-B654	8-10	2/16/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.15J	0.057J	<0.013U	<0.0057U	<0.013U	0.207
A-Wing	SSHS-B654	10-12	2/16/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	0.022J	0.0096J	<0.012U	<0.0054U	<0.013U	0.0316
A-Wing	SSHS-B658	14-16	2/16/2017	<0.009U	<0.0088U	<0.0067U	<0.013U	0.017J	0.011J	<0.011U	<0.0052U	<0.012U	0.028
A-Wing	SSHS-B659	8-10	2/16/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	0.54J	0.11J	<0.013U	<0.0058U	<0.014U	0.65
A-Wing	SSHS-B659	12-14	2/16/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.58J	0.26J	0.027J	<0.0055U	<0.013U	0.867
A-Wing	SSHS-B659	14-16	2/16/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.0094J	0.0094J	<0.012U	<0.0054U	<0.013U	0.0188
A-Wing	SSHS-B660	4-6	2/15/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	1.5J	0.48J	0.11J	<0.0058U	<0.014U	2.09
A-Wing	SSHS-B662	4-6	2/15/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	1.2J	0.36J	0.085J	<0.0057U	<0.014U	1.645
A-Wing	SSHS-B663	2-4	2/15/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	4.1J	1.6J	0.27J	<0.0056U	<0.013U	5.97
A-Wing	SSHS-B665	6-8	2/16/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.23J	0.12J	0.072J	<0.0056U	<0.013U	0.422
A-Wing	SSHS-B670	14-16	2/14/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	0.067J	0.03J	<0.012U	<0.0056U	<0.013U	0.097
A-Wing	SSHS-B672	6-8	2/16/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.05J	0.025J	<0.012U	<0.0054U	<0.013U	0.075
A-Wing	SSHS-B673	8-10	2/16/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	0.35J	0.096J	<0.013U	<0.0058U	<0.014U	0.446
A-Wing	SSHS-B673	10-12	2/16/2017	<0.0093U	<0.0091U	<0.007U	<0.014U	0.046J	0.011J	<0.012U	<0.0054U	<0.013U	0.057
A-Wing	SSHS-B682	10-12	3/23/2017	<0.05U,F1	<0.049U	<0.037U	<0.075U	9.4	2.6	0.5	<0.029U	<0.068U	12.5
A-Wing	SSHS-B688	2-4	3/21/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	2.3	0.5	0.13	<0.0055U	<0.013U	2.93
A-Wing	SSHS-B689	2-4	3/23/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	0.27	0.1	0.027	<0.0058U	<0.014U	0.397
A-Wing	SSHS-B689	4-6	3/23/2017	<0.0099U	<0.0096U	<0.0074U	<0.015U	0.026	0.014J	0.013J	<0.0057U	<0.013U	0.053
A-Wing	SSHS-B690	4-6	3/23/2017	<0.098U	<0.095U	<0.073U	<0.15U	13	5.6	0.51	<0.056U	<0.13U	19.11

TABLE 10A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
PCB Subsurface Screening Value													10
Protection of Ground Water SCO													3.2
NYS Hazardous Waste													50
Investigation Area	**Location**	**Depth Interval (ft bgs)**	**Sample Date**										
A-Wing	SSHS-B691	8-10	3/23/2017	<0.01U	<0.01U	<0.0077U	<0.015U	0.091	0.034	0.016J	<0.0059U	<0.014U	0.141
A-Wing	SSHS-B691	10-12	3/23/2017	<0.01U	<0.0099U	<0.0076U	<0.015U	0.062	0.048	<0.013U	<0.0058U	<0.014U	0.11
A-Wing	SSHS-B693	8-10	3/23/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	0.041	0.019	<0.012U	<0.0054U	<0.013U	0.06
A-Wing	SSHS-B693	10-12	3/23/2017	<0.0094U	<0.0091U	<0.007U	<0.014U	<0.0084U	<0.0077U	<0.012U	<0.0054U	<0.013U	0
A-Wing	SSHS-B695	4-6	3/23/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.13	0.039	<0.012U	<0.0056U	<0.013U	0.169
A-Wing	SSHS-B695	8-10	3/23/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.046	0.013J	<0.012U	<0.0055U	<0.013U	0.059
A-Wing	SSHS-B701	8-10	3/23/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.11	0.042	<0.012U	<0.0056U	<0.013U	0.152
A-Wing	SSHS-B701	10-12	3/23/2017	<0.01U	<0.0097U	<0.0074U	<0.015U	<0.009U	<0.0082U	<0.013U	<0.0057U	<0.013U	0
A-Wing	SSHS-B701	12-14	3/23/2017	<0.0093U	<0.0091U	<0.007U	<0.014U	0.2	0.058	0.013J	<0.0054U	<0.013U	0.271
A-Wing	SSHS-B702	2-4	3/21/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.063	0.025	<0.012U	<0.0055U	<0.013U	0.088
A-Wing	SSHS-B703	2-4	3/23/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	0.18	0.12	0.036	<0.0056U	<0.013U	0.336
A-Wing	SSHS-B708	8-10	3/21/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	0.096	0.022p	<0.013U	<0.0057U	<0.014U	0.118
A-Wing	SSHS-B710	6-8	3/23/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	0
A-Wing	SSHS-B711	6-8	3/23/2017	<0.01U	<0.0099U	<0.0075U	<0.015U	0.86	0.38	0.078	<0.0058U	<0.014U	1.318
A-Wing	SSHS-B713	10-12	3/23/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	<0.0086U	<0.0079U	<0.012U	<0.0055U	<0.013U	0
A-Wing	SSHS-B723	6-8	4/13/2017	<10U	<9.9U	<7.6U	<15U	1500	480	110	<5.8U	<14U	2090
A-Wing	SSHS-B723	16-18	4/13/2017	<0.096U	<0.093U	<0.071U	<0.14U	11	4.7	1	<0.055U	<0.13U	16.7
A-Wing	SSHS-B723	18-20	4/13/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	0.19	0.06	0.013J	<0.0056U	<0.013U	0.263
A-Wing	SSHS-B736	12-14	4/13/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.023	0.011J	<0.012U	<0.0055U	<0.013U	0.034
A-Wing	SSHS-B737	12-14	4/13/2017	<0.01U	<0.0099U	<0.0075U	<0.015U	0.32	0.22	0.049	<0.0058U	<0.014U	0.589
A-Wing	SSHS-B738	6-8	4/13/2017	<0.0095U	<0.0092U	<0.0071U	<0.014U	0.021	<0.0078U	<0.012U	<0.0054U	<0.013U	0.021
A-Wing	SSHS-B740	2-4	4/13/2017	<0.047U	<0.045U	<0.035U	<0.07U	5.8	2.5	0.55	<0.027U	<0.063U	8.85
A-Wing	SSHS-B743	6-8	4/13/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	0.017J	<0.0078U	<0.012U	<0.0054U	<0.013U	0.017
A-Wing	SSHS-B744	2-4	4/13/2017	<0.0094U	<0.0091U	<0.007U	<0.014U	0.18	0.1	0.032	<0.0054U	<0.013U	0.312
Cafeteria	SSHS-B21	1-4	5/9/2000	<0.038U	<0.038U	<0.038U	<0.038U	0.69D	<0.038U	0.3	-	-	0.99
Cafeteria	SSHS-B22	2-4	5/9/2000	<0.037U	<0.037U	<0.037U	<0.037U	1.2D	<0.037U	0.13	-	-	1.33
East of Gymnasium	SSHS-B174	2-4	8/4/2015	<0.0036U	<0.0044U	<0.0061U	<0.0045U	0.028J	0.0097J	<0.0039U	<0.0036U	<0.0065U	0.0377
East of Gymnasium	SSHS-B176	2-4	8/4/2015	<0.0036U	<0.0044U	<0.0061U	<0.0045U	1.7J	0.87J	0.22J	<0.0036U	<0.0065U	2.79
East of Gymnasium	SSHS-B177A	2-4	8/4/2015	<0.0036U	<0.0044U	<0.0061U	<0.0044U	0.96J	0.3J	0.043J	<0.0035U	<0.0065U	1.303
East of Gymnasium	SSHS-B179	2-4	8/4/2015	<0.0038U	<0.0047U	<0.0065U	<0.0047U	3.7J	2.6J	0.61J	<0.0038U	<0.0069U	6.91
East of Gymnasium	SSHS-B179	4-6	8/4/2015	<0.0037U	<0.0045U	<0.0062U	<0.0046U	0.51J	0.31J	0.087J	<0.0036U	<0.0067U	0.907
East of Gymnasium	SSHS-B179	6-8	8/4/2015	<0.0037U	<0.0045U	<0.0062U	<0.0045U	<0.0045U	0.049J	0.025J	<0.0036U	<0.0066U	0.074
East of Gymnasium	SSHS-B180	2-4	7/23/2015	<0.019U	<0.023U	<0.032U	<0.023U	10J	6J	1.7J	<0.018U	<0.034U	17.7
East of Gymnasium	SSHS-B180	4-6	7/23/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	0.55J	0.6J	0.21J	<0.0037U	<0.0067U	1.36
East of Gymnasium	SSHS-B180	6-8	7/23/2015	<0.0036U	<0.0044U	<0.0061U	<0.0045U	<0.0044U	<0.0042U	<0.0039U	<0.0036U	<0.0065U	<0
East of Gymnasium	SSHS-B181	2-4	7/23/2015	<0.0038U	<0.0046U	<0.0064U	<0.0047U	3J	2.2J	0.7J	<0.0037U	<0.0068U	5.9

TABLE 10A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
PCB Subsurface Screening Value													10
Protection of Ground Water SCO													3.2
NYS Hazardous Waste													50
Investigation Area	**Location**	**Depth Interval (ft bgs)**	**Sample Date**										
East of Gymnasium	SSHS-B181	4-6	7/23/2015	<0.037U	<0.046U	<0.063U	<0.046U	11J	6.6J	1.8J	<0.037U	<0.067U	19.4
East of Gymnasium	SSHS-B181	6-8	7/23/2015	<0.0036U	<0.0044U	<0.0061U	<0.0045U	<0.0044U	0.069	<0.0039U	<0.0036U	<0.0066U	0.069
East of Gymnasium	SSHS-B182	2-4	7/23/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	3.8J	2.3J	0.64J	<0.0037U	<0.0068U	6.74
East of Gymnasium	SSHS-B182	4-6	7/23/2015	<0.0038U	<0.0047U	<0.0064U	<0.0047U	3.3J	2J	0.59J	<0.0038U	<0.0069U	5.89
East of Gymnasium	SSHS-B182	6-8	7/23/2015	<0.0036U	<0.0044U	<0.0061U	<0.0044U	0.92J	0.48J	0.11J	<0.0035U	<0.0065U	1.51
East of Gymnasium	SSHS-B183	2-4	8/4/2015	<0.073U	<0.09U	<0.12U	<0.091U	8.9J	4.4J	0.93J	<0.072U	<0.13U	14.23
East of Gymnasium	SSHS-B183	4-6	8/4/2015	<0.037U	<0.045U	<0.063U	<0.046U	9.7J	4.7J	1J	<0.037U	<0.067U	15.4
East of Gymnasium	SSHS-B183	6-8	8/4/2015	<0.0036U	<0.0044U	<0.0061U	<0.0044U	0.32J	0.19J	0.055J	<0.0035U	<0.0065U	0.565
East of Gymnasium	SSHS-B184	2-4	8/4/2015	<0.039U	<0.048U	<0.066U	<0.049U	7.5J	3.8J	0.91J	<0.039U	<0.071U	12.21
East of Gymnasium	SSHS-B184	4-6	8/4/2015	<0.19U	<0.23U	<0.32U	<0.23U	61J	29J	2.5J	<0.19U	<0.34U	92.5
East of Gymnasium	SSHS-B184	6-8	8/4/2015	<0.0036U	<0.0044U	<0.0061U	<0.0044U	0.035J	0.065J	0.025J	<0.0035U	<0.0065U	0.125
East of Gymnasium	SSHS-B186	2-4	8/4/2015	<0.036U	<0.044U	<0.061U	<0.045U	6.9J	2.8J	0.53J	<0.036U	<0.066U	10.23
East of Gymnasium	SSHS-B187A	2-4	8/4/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	5.2J	3.8J	0.91J	<0.0038U	<0.007U	9.91
East of Gymnasium	SSHS-B187A	4-6	8/4/2015	<0.0038U	<0.0047U	<0.0065U	<0.0048U	1J	1.2J	0.35J	<0.0038U	<0.007U	2.55
East of Gymnasium	SSHS-B189	2-4	8/4/2015	<0.074U	<0.091U	<0.13U	<0.092U	15J	6.7J	1.5J	<0.073U	<0.13U	23.2
East of Gymnasium	SSHS-B189	4-6	8/4/2015	<0.19U	<0.23U	<0.31U	<0.23U	6.7J	2.2J	0.78J	<0.18U	<0.34U	9.68
East of Gymnasium	SSHS-B189	6-8	8/4/2015	<0.0037U	<0.0045U	<0.0062U	<0.0046U	4.5J	2.3J	0.51J	<0.0036U	<0.0067U	7.31
East of Gymnasium	SSHS-B190	2-4	7/23/2015	<0.0038U	<0.0046U	<0.0064U	<0.0047U	0.076J	0.071J	0.02J	<0.0037U	<0.0068U	0.167
East of Gymnasium	SSHS-B190	4-6	7/23/2015	<0.0036U	<0.0045U	<0.0062U	<0.0045U	0.32J	0.2J	0.067J	<0.0036U	<0.0066U	0.587
East of Gymnasium	SSHS-B190	6-8	7/23/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	0.0085J	0.042J	0.02J	<0.0037U	<0.0068U	0.0705
East of Gymnasium	SSHS-B191	2-4	7/23/2015	<0.018U	<0.023U	<0.031U	<0.023U	6.5J	3.6J	0.81J	<0.018U	<0.033U	10.91
East of Gymnasium	SSHS-B191	4-6	7/23/2015	<0.0038U	<0.0047U	<0.0065U	<0.0048U	<0.0047U	0.035J	0.02J	<0.0038U	<0.0069U	0.055
East of Gymnasium	SSHS-B191	6-8	7/23/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	4.7J	2.1J	0.47J	<0.0037U	<0.0068U	7.27
East of Gymnasium	SSHS-B192	2-4	7/23/2015	<0.0036U	<0.0044U	<0.0061U	<0.0045U	1.2J	0.54J	0.12J	<0.0036U	<0.0065U	1.86
East of Gymnasium	SSHS-B192	4-6	7/23/2015	<0.0036U	<0.0044U	<0.0061U	<0.0044U	0.024J	0.014J	<0.0039U	<0.0035U	<0.0065U	0.038
East of Gymnasium	SSHS-B192	6-8	7/23/2015	<0.0036U	<0.0044U	<0.0061U	<0.0045U	<0.0044U	0.14J	0.054J	<0.0036U	<0.0065U	0.194
East of Gymnasium	SSHS-B193	2-4	7/23/2015	<0.0035U	<0.0043U	<0.0059U	<0.0043U	2J	0.99J	0.24J	<0.0035U	<0.0063U	3.23
East of Gymnasium	SSHS-B193	4-6	7/23/2015	<0.0035U	<0.0043U	<0.0059U	<0.0043U	0.23J	0.092J	0.031J	<0.0035U	<0.0064U	0.353
East of Gymnasium	SSHS-B193	6-8	7/23/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	<0.0046U	0.0079J	0.0058J	<0.0037U	<0.0067U	0.0137
East of Gymnasium	SSHS-B194	2-4	8/4/2015	<0.036U	<0.044U	<0.061U	<0.045U	5.7J	2.3J	0.41J	<0.036U	<0.066U	8.41
East of Gymnasium	SSHS-B194	4-6	8/4/2015	<0.037U	<0.046U	<0.063U	<0.046U	17J	6.9J	1.1J	<0.037U	<0.067U	25
East of Gymnasium	SSHS-B194	6-8	8/4/2015	<0.0037U	<0.0045U	<0.0062U	<0.0045U	1.5J	1J	0.2J	<0.0036U	<0.0066U	2.7
East of Gymnasium	SSHS-B195	2-4	8/4/2015	<0.0038U	<0.0046U	<0.0064U	<0.0047U	0.28J	0.17J	0.033J	<0.0037U	<0.0068U	0.483
East of Gymnasium	SSHS-B196	2-4	8/4/2015	<0.072U	<0.089U	<0.12U	<0.09U	25J	15J	2.3J	<0.072U	<0.13U	42.3
East of Gymnasium	SSHS-B198	2-4	8/4/2015	<0.037U	<0.045U	<0.063U	<0.046U	6J	2.8J	0.52J	<0.036U	<0.067U	9.32
East of Gymnasium	SSHS-B199A	2-4	8/4/2015	<0.036U	<0.044U	<0.061U	<0.045U	10J	4.9J	0.9J	<0.036U	<0.066U	15.8

TABLE 10A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
PCB Subsurface Screening Value													10
Protection of Ground Water SCO													3.2
NYS Hazardous Waste													50
Investigation Area	**Location**	**Depth Interval (ft bgs)**	**Sample Date**										
East of Gymnasium	SSHS-B201	2-4	8/4/2015	<0.037U	<0.045U	<0.062U	<0.045U	15J	6.4J	1J	<0.036U	<0.066U	22.4
East of Gymnasium	SSHS-B202	2-4	8/4/2015	<0.0036U	<0.0045U	<0.0062U	<0.0045U	0.014J	<0.0042U	<0.0039U	<0.0036U	<0.0066U	0.014
East of Gymnasium	SSHS-B204	2-4	8/4/2015	<0.0036U	<0.0044U	<0.0061U	<0.0044U	0.16J	0.047J	0.0062J	<0.0035U	<0.0065U	0.2132
East of Gymnasium	SSHS-B204	4-6	8/4/2015	<0.0036U	<0.0044U	<0.006U	<0.0044U	3.4J	1.9J	0.19J	<0.0035U	<0.0065U	5.49
East of Gymnasium	SSHS-B204	6-8	8/4/2015	<0.0039U	<0.0048U	<0.0067U	<0.0049U	<0.0048U	<0.0046U	<0.0042U	<0.0039U	<0.0071U	<0
East of Gymnasium	SSHS-B205	2-4	7/22/2015	<0.0036U	<0.0044U	<0.0061U	<0.0045U	2J	0.66J	0.087J	<0.0035U	<0.0065U	2.747
East of Gymnasium	SSHS-B205	4-6	7/22/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.44J	0.16J	0.02J	<0.0038U	<0.0071U	0.62
East of Gymnasium	SSHS-B206	2-4	8/4/2015	<0.038U	<0.046U	<0.064U	<0.047U	4.1J	2.3J	0.28J	<0.037U	<0.068U	6.68
East of Gymnasium	SSHS-B207	2-4	7/22/2015	<0.0036U	<0.0044U	<0.0061U	<0.0045U	0.15J	0.042J	<0.0039U	<0.0036U	<0.0065U	0.192
East of Gymnasium	SSHS-B207	4-6	7/22/2015	<0.036U	<0.044U	<0.061U	<0.044U	37J	16J	1.2J	<0.035U	<0.065U	54.2
East of Gymnasium	SSHS-B207	6-8	7/22/2015	<0.0038U	<0.0047U	<0.0065U	<0.0048U	0.0085J	<0.0045U	<0.0041U	<0.0038U	<0.007U	0.0085
East of Gymnasium	SSHS-B208	2-4	7/22/2015	<0.0036U	<0.0044U	<0.0061U	<0.0045U	0.053J	0.027J	0.0061J	<0.0036U	<0.0065U	0.0861
East of Gymnasium	SSHS-B208	4-6	7/22/2015	<0.0036U	<0.0045U	<0.0062U	<0.0045U	0.067J	0.032J	0.0065J	<0.0036U	<0.0066U	0.1055
East of Gymnasium	SSHS-B208	6-8	7/22/2015	<0.0036U	<0.0044U	<0.0061U	<0.0045U	<0.0044U	<0.0042U	<0.0039U	<0.0036U	<0.0065U	<0
East of Gymnasium	SSHS-B209	2-4	8/4/2015	<0.0036U	<0.0044U	<0.0061U	<0.0045U	0.12J	0.042J	0.016J	<0.0036U	<0.0066U	0.178
East of Gymnasium	SSHS-B209	4-6	8/4/2015	<0.073U	<0.09U	<0.12U	<0.091U	14J	5.1J	1.4J	<0.072U	<0.13U	20.5
East of Gymnasium	SSHS-B209	6-8	8/4/2015	<0.004U	<0.0049U	<0.0067U	<0.0049U	<0.0048U	<0.0046U	<0.0042U	<0.0039U	<0.0072U	<0
East of Gymnasium	SSHS-B210	2-4	7/22/2015	<0.0036U	<0.0045U	<0.0062U	<0.0045U	0.95J	0.43J	0.081J	<0.0036U	<0.0066U	1.461
East of Gymnasium	SSHS-B210	4-6	7/22/2015	<0.0037U	<0.0045U	<0.0062U	<0.0046U	0.11J	0.04J	0.0073J	<0.0036U	<0.0067U	0.1573
East of Gymnasium	SSHS-B210	6-8	7/22/2015	<0.0039U	<0.0048U	<0.0067U	<0.0049U	<0.0048U	<0.0046U	<0.0042U	<0.0039U	<0.0071U	<0
East of Gymnasium	SSHS-B211	2-4	8/4/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	4.3J	2.3J	0.28J	<0.0037U	<0.0067U	6.88
East of Gymnasium	SSHS-B25	1-4	5/9/2000	<0.035U	<0.035U	<0.035U	<0.035U	1.5D	<0.035U	0.14	-	-	1.64
East of Gymnasium	SSHS-B25	8-12	5/9/2000	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	-	-	<0
East of Gymnasium	SSHS-B26	4-6	5/8/2000	<0.034U	<0.034U	<0.034U	<0.034U	<0.034U	<0.034U	<0.034U	-	-	<0
East of Gymnasium	SSHS-B26-A	2-6	8/14/2014	<0.027U	<0.035U	<0.031U	<0.03U	12	<0.026U	1.5	<0.024U	<0.04U	13.5
East of Gymnasium	SSHS-B26-A	6-8	8/14/2014	<0.0026U	<0.0033U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0038U	<0
East of Gymnasium	SSHS-B26-A	13.5-15.5	8/14/2014	<0.0026U	<0.0033U	<0.003U	<0.0028U	<0.0017U	<0.0025U	<0.0025U	<0.0022U	<0.0038U	<0
East of Gymnasium	SSHS-B27	2-3	5/8/2000	<0.035U	<0.035U	<0.035U	<0.035U	1.5D	<0.035U	0.7JD	-	-	2.2
East of Gymnasium	SSHS-B28	4-8	5/8/2000	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	-	-	<0
East of Gymnasium	SSHS-B28	8-12	5/8/2000	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	-	-	<0
East of Gymnasium	SSHS-B29	1-4	5/8/2000	<0.036U	<0.036U	<0.036U	<0.036U	2.4D	<0.036U	0.52	-	-	2.92
East of Gymnasium	SSHS-B29-A	2-6	8/13/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	1.2	<0.0025U	0.23	<0.0023U	<0.0039U	1.43
East of Gymnasium	SSHS-B29-A	8-10	8/13/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	0.53	<0.0025U	0.075	<0.0023U	<0.0039U	0.605
East of Gymnasium	SSHS-B29-A	10-12	8/13/2014	<0.0026U	<0.0033U	<0.0029U	<0.0028U	<0.0016U	<0.0024U	<0.0024U	<0.0022U	<0.0038U	<0
East of Gymnasium	SSHS-B30	1-4	5/8/2000	<0.036U	<0.036U	<0.036U	<0.036U	9.4D	<0.036U	3.6JD	-	-	13
East of Gymnasium	SSHS-B30	4-8	5/8/2000	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	-	-	<0

TABLE 10A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
PCB Subsurface Screening Value													10
Protection of Ground Water SCO													3.2
NYS Hazardous Waste													50
Investigation Area	**Location**	**Depth Interval (ft bgs)**	**Sample Date**										
East of Gymnasium	SSHS-B300	2-4	7/24/2015	<0.0035U	<0.0044U	<0.006U	<0.0044U	0.034J	0.015J	<0.0038U	<0.0035U	<0.0064U	0.049
East of Gymnasium	SSHS-B300	4-6	7/24/2015	<0.0036U	<0.0045U	<0.0062U	<0.0045U	0.0084J	0.018J	0.0083J	<0.0036U	<0.0066U	0.0347
East of Gymnasium	SSHS-B300	6-8	7/24/2015	<0.0038U	<0.0047U	<0.0065U	<0.0047U	<0.0047U	<0.0045U	<0.0041U	<0.0038U	<0.0069U	<0
East of Gymnasium	SSHS-B301	2-4	7/24/2015	<0.39U	<0.48U	<0.66U	<0.48U	130J	59J	8J	<0.38U	<0.71U	197
East of Gymnasium	SSHS-B301	4-6	7/24/2015	<0.077U	<0.094U	<0.13U	<0.095U	42J	15J	1.2J	<0.076U	<0.14U	58.2
East of Gymnasium	SSHS-B301	6-8	7/24/2015	<0.04U	<0.049U	<0.068U	<0.05U	19J	4.7J	0.44J	<0.04U	<0.073U	24.14
East of Gymnasium	SSHS-B302	2-4	7/24/2015	<0.0037U	<0.0045U	<0.0062U	<0.0045U	0.058J	0.071J	0.015J	<0.0036U	<0.0066U	0.144
East of Gymnasium	SSHS-B302	4-6	7/24/2015	<0.0036U	<0.0044U	<0.0061U	<0.0045U	0.077J	0.065J	0.016J	<0.0036U	<0.0065U	0.158
East of Gymnasium	SSHS-B302	6-8	7/24/2015	<0.0036U	<0.0044U	<0.006U	<0.0044U	<0.0044U	<0.0041U	<0.0038U	<0.0035U	<0.0064U	<0
East of Gymnasium	SSHS-B32	1-4	5/8/2000	<0.035U	<0.035U	<0.035U	<0.035U	8.3D	<0.035U	0.45E	-	-	8.75
East of Gymnasium	SSHS-B34	1-4	5/9/2000	<0.036U	<0.036U	<0.036U	<0.036U	<3.4D	<0.036U	0.26	-	-	0.26
East of Gymnasium	SSHS-B34	4-6	5/9/2000	<0.037U	<0.037U	<0.037U	<0.037U	24D	<0.037U	0.72E	-	-	24.72
East of Gymnasium	SSHS-B346	2-4	3/4/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.11J	0.032J	<0.0063U	<0.0034U	<0.0057U	0.142
East of Gymnasium	SSHS-B346	4-6	3/4/2016	<0.0081U	<0.013U	<0.0045U	<0.0066U	0.27J	0.11J	<0.0061U	<0.0033U	<0.0055U	0.38
East of Gymnasium	SSHS-B347	2-4	3/7/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	<0.0045U	<0.0071U	<0.0066U	<0.0036U	<0.006U	<0
East of Gymnasium	SSHS-B347	4-6	3/7/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	<0.0042U	<0.0067U	<0.0062U	<0.0034U	<0.0056U	<0
East of Gymnasium	SSHS-B347	6-8	3/7/2016	<0.045U	<0.071U	<0.025U	<0.036U	6.9J	2J	<0.034U	<0.018U	<0.03U	8.9
East of Gymnasium	SSHS-B348	2-4	3/7/2016	<0.0087U	<0.014U	<0.0047U	<0.007U	<0.0044U	<0.007U	<0.0065U	<0.0035U	<0.0059U	<0
East of Gymnasium	SSHS-B348	4-6	3/7/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	<0.0042U	<0.0067U	<0.0062U	<0.0034U	<0.0056U	<0
East of Gymnasium	SSHS-B349	2-4	3/7/2016	<0.0081U	<0.013U	<0.0044U	<0.0065U	4.9J	2.6J	0.53J	<0.0033U	<0.0055U	8.03
East of Gymnasium	SSHS-B349	4-6	3/7/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	2.9J	1.3J	0.21J	<0.0034U	<0.0056U	4.41
East of Gymnasium	SSHS-B350	2-4	3/4/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	5.1J	2.2J	0.37J	<0.0034U	<0.0056U	7.67
East of Gymnasium	SSHS-B350	4-6	3/4/2016	<0.008U	<0.013U	<0.0044U	<0.0065U	2.6J	1.2J	0.16J	<0.0033U	<0.0054U	3.96
East of Gymnasium	SSHS-B350	6-8	3/4/2016	<0.008U	<0.013U	<0.0044U	<0.0065U	0.011J	0.0085J	<0.006U	<0.0033U	<0.0054U	0.0195
East of Gymnasium	SSHS-B350	8-10	3/4/2016	<0.0086U	<0.014U	<0.0047U	<0.0069U	0.43J	0.17J	0.038J	<0.0035U	<0.0058U	0.638
East of Gymnasium	SSHS-B351	2-4	3/4/2016	<0.008U	<0.013U	<0.0044U	<0.0064U	<0.0041U	<0.0064U	<0.006U	<0.0032U	<0.0054U	<0
East of Gymnasium	SSHS-B352	4-6	3/7/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.23J	0.087J	0.0089J	<0.0034U	<0.0057U	0.3259
East of Gymnasium	SSHS-B353	2-4	3/7/2016	<0.041U	<0.065U	<0.022U	<0.033U	6.3J	2.2J	0.35J	<0.017U	<0.028U	8.85
East of Gymnasium	SSHS-B353	4-6	3/7/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	0.49J	0.17J	0.021J	<0.0034U	<0.0056U	0.681
East of Gymnasium	SSHS-B354	2-4	3/4/2016	<0.0078U	<0.012U	<0.0043U	<0.0063U	<0.004U	<0.0063U	<0.0059U	<0.0032U	<0.0053U	<0
East of Gymnasium	SSHS-B355	2-4	3/7/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	1.1J	0.49J	0.073J	<0.0034U	<0.0057U	1.663
East of Gymnasium	SSHS-B355	4-6	3/7/2016	<0.0086U	<0.014U	<0.0047U	<0.0069U	1.1J	0.58J	0.11J	<0.0035U	<0.0058U	1.79
East of Gymnasium	SSHS-B356	2-4	3/4/2016	<0.0085U	<0.013U	<0.0046U	<0.0068U	<0.0043U	<0.0068U	<0.0064U	<0.0035U	<0.0058U	<0
East of Gymnasium	SSHS-B356	4-6	3/4/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	<0.0042U	<0.0066U	<0.0061U	<0.0033U	<0.0056U	<0
East of Gymnasium	SSHS-B356	6-8	3/4/2016	<0.008U	<0.013U	<0.0044U	<0.0064U	0.14J	0.039J	<0.006U	<0.0032U	<0.0054U	0.179
East of Gymnasium	SSHS-B358	2-4	3/4/2016	<0.0089U	<0.014U	<0.0048U	<0.0071U	2.5J	1.8J	0.77J	<0.0036U	<0.006U	5.07

TABLE 10A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
PCB Subsurface Screening Value													10
Protection of Ground Water SCO													3.2
NYS Hazardous Waste													50
Investigation Area	**Location**	**Depth Interval (ft bgs)**	**Sample Date**										
East of Gymnasium	SSHS-B361	2-4	3/4/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	0.074J	0.026J	<0.0062U	<0.0034U	<0.0056U	0.1
East of Gymnasium	SSHS-B361	4-6	3/4/2016	<0.0083U	<0.013U	<0.0046U	<0.0067U	0.19J	0.05J	<0.0062U	<0.0034U	<0.0056U	0.24
East of Gymnasium	SSHS-B362	4-6	3/7/2016	<0.87U	<1.4U	<0.48U	<0.7U	120J	47J	9.1J	<0.35U	<0.59U	176.1
East of Gymnasium	SSHS-B362	6-8	3/7/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	<0.0042U	2.3J	0.62J	<0.0034U	<0.0056U	2.92
East of Gymnasium	SSHS-B363	4-6	3/7/2016	<0.0083U	<0.013U	<0.0046U	<0.0067U	0.25J	0.12J	0.023J	<0.0034U	<0.0056U	0.393
East of Gymnasium	SSHS-B365	2-4	3/7/2016	<0.008U	<0.013U	<0.0044U	<0.0065U	0.019	<0.0065U	<0.006U	<0.0033U	<0.0054U	0.019
East of Gymnasium	SSHS-B365	4-6	3/7/2016	<0.0084U	<0.013U	<0.0046U	<0.0067U	0.57J	0.099J	<0.0063U	<0.0034U	<0.0057U	0.669
East of Gymnasium	SSHS-B365	6-8	3/7/2016	<0.44U	<0.69U	<0.24U	<0.35U	74J	19J	<0.33U	<0.18U	<0.3U	93
East of Gymnasium	SSHS-B365	8-10	3/7/2016	<0.17U	<0.27U	<0.094U	<0.14U	26	7.8	<0.13U	<0.07U	<0.12U	33.8
East of Gymnasium	SSHS-B366	2-4	3/4/2016	<0.0089U	<0.014U	<0.0049U	<0.0072U	0.021J	0.018J	<0.0067U	<0.0036U	<0.0061U	0.039
East of Gymnasium	SSHS-B366	4-6	3/4/2016	<0.0094U	<0.015U	<0.0052U	<0.0076U	1.5J	2J	0.64J	<0.0038U	<0.0064U	4.14
East of Gymnasium	SSHS-B366	6-8	3/4/2016	<0.089U	<0.14U	<0.049U	<0.072U	5.7J	7.3J	<0.067U	<0.036U	<0.06U	13
East of Gymnasium	SSHS-B366	8-10	3/4/2016	<0.086U	<0.14U	<0.047U	<0.07U	6.4J	7.5J	<0.065U	<0.035U	<0.058U	13.9
East of Gymnasium	SSHS-B499	6-8	9/20/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	4J	3.4J	<0.0061U	<0.0033U	<0.0056U	7.4
East of Gymnasium	SSHS-B499	8-10	9/20/2016	<0.085U	<0.13U	<0.047U	<0.069U	13J	4.3J	<0.064U	<0.035U	<0.058U	17.3
East of Gymnasium	SSHS-B500	6-8	9/1/2016	<0.0086U	<0.014U	<0.0047U	<0.0069U	1.6J	0.51J	<0.0064U	<0.0035U	<0.0058U	2.11
East of Gymnasium	SSHS-B500	8-10	9/1/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	1J	0.33J	<0.0066U	<0.0036U	<0.0059U	1.33
East of Gymnasium	SSHS-B502	2-4	9/1/2016	<0.0078U	<0.012U	<0.0043U	<0.0063U	0.061J	0.044J	0.017J	<0.0032U	<0.0053U	0.122
East of Gymnasium	SSHS-B503	2-4	9/20/2016	<0.081U	<0.13U	<0.044U	<0.065U	18J	6.2J	0.91J	<0.033U	<0.055U	25.11
East of Gymnasium	SSHS-B503	4-6	9/20/2016	<0.084U	<0.13U	<0.046U	<0.068U	20J	7.2J	1J	<0.034U	<0.057U	28.2
East of Gymnasium	SSHS-B504	2-4	9/20/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	0.39J	0.12J	0.021J	<0.0034U	<0.0056U	0.531
East of Gymnasium	SSHS-B505	2-4	9/1/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	1.4J	0.79J	0.25J	<0.0033U	<0.0055U	2.44
East of Gymnasium	SSHS-B505	4-6	9/1/2016	<0.0087U	<0.014U	<0.0048U	<0.0071U	0.22J	0.12J	0.037J	<0.0036U	<0.0059U	0.377
East of Gymnasium	SSHS-B506	2-4	9/1/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	5J	2.4J	0.64J	<0.0033U	<0.0055U	8.04
East of Gymnasium	SSHS-B507	2-4	9/20/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	2.9J	1.2J	0.052J	<0.0033U	<0.0055U	4.152
East of Gymnasium	SSHS-B507	4-6	9/20/2016	<0.0079U	<0.012U	<0.0043U	<0.0064U	0.41J	0.14J	0.0099J	<0.0032U	<0.0054U	0.5599
East of Gymnasium	SSHS-B508	4-6	9/20/2016	<0.085U	<0.13U	<0.047U	<0.069U	33J	13J	2.1J	<0.035U	<0.058U	48.1
East of Gymnasium	SSHS-B509	6-8	9/1/2016	<0.008U	<0.013U	<0.0044U	<0.0065U	0.012J	<0.0065U	<0.006U	<0.0033U	<0.0054U	0.012
East of Gymnasium	SSHS-B509	8-10	9/1/2016	<0.0085U	<0.013U	<0.0046U	<0.0068U	2	<0.0068U	<0.0064U	<0.0035U	<0.0058U	2
East of Gymnasium	SSHS-B510	6-8	9/20/2016	<0.087U	<0.14U	<0.048U	<0.07U	19J	5.3J	<0.065U	<0.036U	<0.059U	24.3
East of Gymnasium	SSHS-B510	8-10	9/20/2016	<0.17U	<0.26U	<0.09U	<0.13U	41J	11J	0.64J	<0.067U	<0.11U	52.64
East of Gymnasium	SSHS-B510	10-12	9/20/2016	<0.086U	<0.14U	<0.047U	<0.069U	25J	7.4J	0.41J	<0.035U	<0.058U	32.81
East of Gymnasium	SSHS-B510	12-14	9/20/2016	<0.042U	<0.066U	<0.023U	<0.034U	11J	3.3J	0.2J	<0.017U	<0.028U	14.5
East of Gymnasium	SSHS-B510	14-16	9/20/2016	<0.083U	<0.13U	<0.045U	<0.067U	29J	9.1J	<0.062U	<0.034U	<0.056U	38.1
East of Gymnasium	SSHS-B510	16-18	9/20/2016	<0.41U	<0.65U	<0.23U	<0.33U	83J	23J	<0.31U	<0.17U	<0.28U	106
East of Gymnasium	SSHS-B510	18-20	9/20/2016	<0.083U	<0.13U	<0.046U	<0.067U	15J	4.8J	<0.062U	<0.034U	<0.056U	19.8

TABLE 10A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
PCB Subsurface Screening Value													10
Protection of Ground Water SCO													3.2
NYS Hazardous Waste													50
Investigation Area	**Location**	**Depth Interval (ft bgs)**	**Sample Date**										
East of Gymnasium	SSHS-B512	8-10	9/20/2016	<0.042U	<0.066U	<0.023U	<0.034U	8.9J	2.6J	0.24J	<0.017U	<0.028U	11.74
East of Gymnasium	SSHS-B513	8-10	9/1/2016	<0.0083U	<0.013U	<0.0046U	<0.0067U	0.099	<0.0067U	<0.0062U	<0.0034U	<0.0056U	0.099
East of Gymnasium	SSHS-B513	10-12	9/1/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.012J	<0.0068U	<0.0063U	<0.0034U	<0.0057U	0.012
East of Gymnasium	SSHS-B514	2-4	9/20/2016	<0.082U	<0.13U	<0.045U	<0.066U	18J	8.1J	1.9J	<0.034U	<0.056U	28
East of Gymnasium	SSHS-B514	4-6	9/20/2016	<0.1U	<0.16U	<0.055U	<0.081U	17J	7.8J	1.7J	<0.041U	<0.068U	26.5
East of Gymnasium	SSHS-B515	2-4	9/20/2016	<0.042U	<0.067U	<0.023U	<0.034U	7.8J	4.1J	1.2J	<0.017U	<0.029U	13.1
East of Gymnasium	SSHS-B515	4-6	9/20/2016	<0.0087U	<0.014U	<0.0047U	<0.007U	2J	1.5J	0.47J	<0.0035U	<0.0059U	3.97
East of Gymnasium	SSHS-B517	2-4	9/23/2016	<0.39U	<0.62U	<0.21U	<0.31U	49J	22J	5.9J	<0.16U	<0.26U	76.9
East of Gymnasium	SSHS-B517	4-6	9/23/2016	<0.0079U,F2	<0.012U	<0.0043U	<0.0063U	4.9J	2.3J	0.6J	<0.0032U	<0.0053U	7.8
East of Gymnasium	SSHS-B517	6-8	9/23/2016	<0.0079U	<0.012U	<0.0043U	<0.0064U	0.014J,B	<0.0064U	<0.0059U	<0.0032U	<0.0053U	0.014
East of Gymnasium	SSHS-B517	8-10	9/23/2016	<0.081U	<0.13U	<0.044U	<0.065U	17J	7.9J	1.6J	<0.033U	<0.055U	26.5
East of Gymnasium	SSHS-B517	10-12	9/23/2016	<0.0078U	<0.012U	<0.0043U	<0.0063U	0.0095J	<0.0063U	<0.0059U	<0.0032U	<0.0053U	0.0095
East of Gymnasium	SSHS-B517	12-14	9/23/2016	<0.0079U	<0.012U	<0.0043U	<0.0064U	<0.004U	2.8J	0.49J	<0.0032U	<0.0054U	3.29
East of Gymnasium	SSHS-B99	2-6	8/13/2014	<0.0028U	<0.0037U	<0.0033U	<0.0031U	0.94	<0.0027U	0.23	<0.0025U	<0.0042U	1.17
East of Gymnasium	SSHS-B99	6-10	8/13/2014	<0.0028U	<0.0036U	<0.0032U	<0.003U	1.1	<0.0027U	0.33	<0.0024U	<0.0041U	1.43
East of Gymnasium	SSHS-B99	10-14.5	8/13/2014	<0.0026U	<0.0033U	<0.003U	<0.0028U	0.021	<0.0025U	0.019	<0.0022U	<0.0038U	0.04
Football Field	SSHS-B150	2-4	7/27/2015	<0.038U	<0.047U	<0.064U	<0.047U	21J	9.8J	2.1J	<0.037U	<0.069U	32.9
Football Field	SSHS-B150	4-6	7/27/2015	<0.039U	<0.048U	<0.066U	<0.049U	9.4J	3J	0.6J	<0.039U	<0.071U	13
Football Field	SSHS-B164	2-4	7/27/2015	<0.0038U	<0.0046U	<0.0064U	<0.0046U	2.8J	1.5J	0.36J	<0.0037U	<0.0068U	4.66
Football Field	SSHS-B168	2-4	7/27/2015	<0.019U	<0.023U	<0.032U	<0.023U	13J	6.5J	1.3J	<0.019U	<0.034U	20.8
Football Field	SSHS-B168	4-6	7/27/2015	<0.0038U	<0.0046U	<0.0064U	<0.0047U	1.7J	0.63J	0.14J	<0.0037U	<0.0068U	2.47
Football Field	SSHS-B212	2-4	7/28/2015	<0.19U	<0.23U	<0.32U	<0.24U	46J	23J	6.2J	<0.19U	<0.35U	75.2
Football Field	SSHS-B212	4-6	7/28/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	6.1J	2.6J	0.64J	<0.0037U	<0.0067U	9.34
Football Field	SSHS-B212	6-8	7/28/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.069J	0.059J	0.026J	<0.0039U	<0.0071U	0.154
Football Field	SSHS-B214	2-4	7/28/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	2.3J	1.7J	0.22J	<0.0039U	<0.0071U	4.22
Football Field	SSHS-B214	4-6	7/28/2015	<0.0043U	<0.0053U	<0.0073U	<0.0053U	0.55J	0.46J	0.069J	<0.0042U	<0.0078U	1.079
Football Field	SSHS-B214	6-8	7/28/2015	<0.004U	<0.0049U	<0.0067U	<0.0049U	0.0087J	<0.0046U	<0.0043U	<0.0039U	<0.0072U	0.0087
Football Field	SSHS-B216	2-4	7/16/2015	<0.19U	<0.24U	<0.33U	<0.24U	58J	25J	5.8J	<0.19U	<0.35U	88.8
Football Field	SSHS-B216	4-6	7/16/2015	<0.0041U,F2,F1	<0.0051U	<0.007U	<0.0051U	6.2J	2.3J	0.28J	<0.0041U	<0.0075U	8.78
Football Field	SSHS-B216	6-8	7/16/2015	<0.0043U	<0.0052U	<0.0072U	<0.0053U	<0.0052U	<0.005U	<0.0046U	<0.0042U	<0.0077U	<0
Football Field	SSHS-B217	2-4	7/16/2015	<0.0038U	<0.0046U	<0.0064U	<0.0047U	5.4J	2.6J	0.67J	<0.0037U	<0.0068U	8.67
Football Field	SSHS-B217	4-6	7/16/2015	<0.004U	<0.0049U	<0.0067U	<0.0049U	0.93J	0.45J	0.049J	<0.0039U	<0.0072U	1.429
Football Field	SSHS-B217	6-8	7/16/2015	<0.004U	<0.005U	<0.0068U	<0.005U	<0.005U	<0.0047U	<0.0043U	<0.004U	<0.0073U	<0
Football Field	SSHS-B218	2-4	7/16/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	3.2J	1.8J	0.44J	<0.0038U	<0.007U	5.44
Football Field	SSHS-B218	4-6	7/16/2015	<0.0039U	<0.0048U	<0.0067U	<0.0049U	1.8J	0.74J	0.18J	<0.0039U	<0.0071U	2.72
Football Field	SSHS-B218	6-8	7/16/2015	<0.0039U	<0.0048U	<0.0066U	<0.0049U	<0.0048U	<0.0046U	<0.0042U	<0.0039U	<0.0071U	<0

TABLE 10A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
PCB Subsurface Screening Value													10
Protection of Ground Water SCO													3.2
NYS Hazardous Waste													50
Investigation Area	**Location**	**Depth Interval (ft bgs)**	**Sample Date**										
Football Field	SSHS-B220	2-4	7/28/2015	<0.038U	<0.046U	<0.064U	<0.047U	7.5J	3.5J	0.73J	<0.037U	<0.069U	11.73
Football Field	SSHS-B220	4-6	7/28/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	3.2J	1.3J	0.34J	<0.0037U	<0.0068U	4.84
Football Field	SSHS-B220	6-8	7/28/2015	<0.0039U	<0.0048U	<0.0067U	<0.0049U	0.047J	0.047J	0.12J	<0.0039U	<0.0071U	0.214
Football Field	SSHS-B221	2-4	7/15/2015	<0.2U	<0.24U	<0.33U	<0.24U	46J	19J	4.4J	<0.19U	<0.35U	69.4
Football Field	SSHS-B221	4-6	7/15/2015	<0.004U	<0.0049U	<0.0068U	<0.0049U	5.6J	2.2J	0.21J	<0.0039U	<0.0072U	8.01
Football Field	SSHS-B221	6-8	7/15/2015	<0.0037U	<0.0045U	<0.0062U	<0.0046U	0.039	<0.0043U	<0.0039U	<0.0036U	<0.0067U	0.039
Football Field	SSHS-B222	2-4	7/16/2015	<0.004U	<0.0049U	<0.0068U	<0.005U	1.7J	0.81J	0.14J	<0.004U	<0.0073U	2.65
Football Field	SSHS-B222	4-6	7/16/2015	<0.0039U	<0.0048U	<0.0066U	<0.0049U	3J	1.2J	0.15J	<0.0039U	<0.0071U	4.35
Football Field	SSHS-B222	6-8	7/16/2015	<0.0037U	<0.0046U	<0.0064U	<0.0046U	<0.0046U	<0.0044U	<0.004U	<0.0037U	<0.0068U	<0
Football Field	SSHS-B223	2-4	7/28/2015	<0.0039U	<0.0048U	<0.0066U	<0.0049U	0.43J	0.24J	0.047J	<0.0039U	<0.0071U	0.717
Football Field	SSHS-B223	4-6	7/28/2015	<0.004U	<0.0049U	<0.0068U	<0.005U	3.7J	1.3J	0.1J	<0.004U	<0.0073U	5.1
Football Field	SSHS-B223	6-8	7/28/2015	<0.0039U	<0.0048U	<0.0066U	<0.0049U	<0.0048U	<0.0046U	<0.0042U	<0.0039U	<0.0071U	<0
Football Field	SSHS-B225	2-4	7/28/2015	<0.2U	<0.24U	<0.33U	<0.24U	56J	19J	4.4J	<0.19U	<0.36U	79.4
Football Field	SSHS-B225	4-6	7/28/2015	<0.0038U	<0.0046U	<0.0064U	<0.0047U	4.6J	1.4J	0.19J	<0.0037U	<0.0068U	6.19
Football Field	SSHS-B226	2-3	7/15/2015	<0.078U	<0.096U	<0.13U	<0.097U	22J	8.6J	<0.084U	<0.077U	<0.14U	30.6
Football Field	SSHS-B227	2-4	7/15/2015	<0.0039U	<0.0047U	<0.0065U	<0.0048U	3.1J	1.4J	0.16J	<0.0038U	<0.007U	4.66
Football Field	SSHS-B227	4-6	7/15/2015	<0.38U	<0.47U	<0.65U	<0.48U	120	<0.45U	3.4	<0.38U	<0.69U	123.4
Football Field	SSHS-B227	6-8	7/15/2015	<0.041U	<0.051U	<0.07U	<0.051U	11	<0.048U	0.18J	<0.041U	<0.075U	11.18
Football Field	SSHS-B227A	8-10	7/28/2015	<0.004U	<0.0049U	<0.0068U	<0.005U	4.2J	1.3J	0.12J	<0.004U	<0.0073U	5.62
Football Field	SSHS-B228	2-4	7/15/2015	<0.038U	<0.047U	<0.064U	<0.047U	22	<0.044U	0.81	<0.037U	<0.069U	22.81
Football Field	SSHS-B228	4-6	7/15/2015	<0.076U	<0.093U	<0.13U	<0.094U	35	<0.089U	0.71	<0.075U	<0.14U	35.71
Football Field	SSHS-B228	6-8	7/15/2015	<0.004U	<0.0049U	<0.0068U	<0.005U	0.28J	0.08J	<0.0043U	<0.004U	<0.0073U	0.36
Football Field	SSHS-B229	2-4	7/15/2015	<0.39U	<0.48U	<0.67U	<0.49U	82J	35J	<0.42U	<0.39U	<0.71U	117
Football Field	SSHS-B229	4-6	7/15/2015	<0.77U,F1	<0.95U	<1.3U	<0.95U	170J	63J	<0.83U,F1	<0.76U	<1.4U	233
Football Field	SSHS-B229	6-8	7/15/2015	<0.004U	<0.0049U	<0.0067U	<0.0049U	0.15J	0.044J	<0.0042U	<0.0039U	<0.0072U	0.194
Football Field	SSHS-B230	2-4	7/28/2015	<0.2U	<0.24U	<0.33U	<0.24U	40J	15J	1.2J	<0.19U	<0.36U	56.2
Football Field	SSHS-B230	4-6	7/28/2015	<0.038U,F1	<0.047U	<0.065U	<0.047U	20J	7.6J	0.44J	<0.038U	<0.069U	28.04
Football Field	SSHS-B230	6-8	7/28/2015	<0.004U	<0.0049U	<0.0067U	<0.0049U	0.012J	0.0051J	0.0044J	<0.0039U	<0.0072U	0.0215
Football Field	SSHS-B231	2-4	7/27/2015	<0.77U	<0.95U	<1.3U	<0.96U	460J	160J	11J	<0.76U	<1.4U	631
Football Field	SSHS-B231	4-6	7/27/2015	<0.038U,F1	<0.047U	<0.065U	<0.048U	8.1J	2.4J	0.27J	<0.038U	<0.07U	10.77
Football Field	SSHS-B231	6-8	7/27/2015	<0.004U	<0.0049U	<0.0068U	<0.005U	0.04J	0.024J	<0.02U	<0.004U	<0.0073U	0.064
Football Field	SSHS-B232	2-4	7/27/2015	<0.19U	<0.23U	<0.32U	<0.24U	70J	29J	3.5J	<0.19U	<0.35U	102.5
Football Field	SSHS-B232	4-6	7/27/2015	<0.0039U	<0.0047U	<0.0065U	<0.0048U	0.0065J	<0.0045U	<0.0041U	<0.0038U	<0.007U	0.0065
Football Field	SSHS-B232	6-8	7/27/2015	<0.004U	<0.0049U	<0.0068U	<0.005U	0.019J	0.0079J	<0.0043U	<0.0039U	<0.0072U	0.0269
Football Field	SSHS-B232	8-10	7/27/2015	<0.004U	<0.0049U	<0.0068U	<0.005U	0.17J	0.096J	<0.02U	<0.004U	<0.0073U	0.266
Football Field	SSHS-B233	2-4	7/28/2015	<0.38U	<0.47U	<0.65U	<0.48U	77J	28J	1.7J	<0.38U	<0.7U	106.7

TABLE 10A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
PCB Subsurface Screening Value													10
Protection of Ground Water SCO													3.2
NYS Hazardous Waste													50
Investigation Area	**Location**	**Depth Interval (ft bgs)**	**Sample Date**										
Football Field	SSHS-B233	4-6	7/28/2015	<0.078U	<0.096U	<0.13U	<0.097U	26J	9.4J	0.7J	<0.077U	<0.14U	36.1
Football Field	SSHS-B233	6-8	7/28/2015	<0.0041U	<0.005U	<0.0069U	<0.005U	0.015J	<0.0048U	0.005J	<0.004U	<0.0074U	0.02
Football Field	SSHS-B233	8-10	7/28/2015	<0.0038U	<0.0047U	<0.0064U	<0.0047U	4.3J	1.4J	0.11J	<0.0038U	<0.0069U	5.81
Football Field	SSHS-B234A	2-4	7/28/2015	<0.0037U	<0.0045U	<0.0063U	<0.0046U	0.39J	0.35J	0.11J	<0.0037U	<0.0067U	0.85
Football Field	SSHS-B234A	4-6	7/28/2015	<0.19U	<0.24U	<0.33U	<0.24U	42J	17J	1.4J	<0.19U	<0.35U	60.4
Football Field	SSHS-B234A	6-8	7/28/2015	<0.44U	<0.54U	<0.75U	<0.55U	200J	78J	7.3J	<0.43U	<0.8U	285.3
Football Field	SSHS-B237	2-4	7/27/2015	<0.0039U	<0.0048U	<0.0066U	<0.0049U	1.9J	0.79J	0.087J	<0.0039U	<0.0071U	2.777
Football Field	SSHS-B239A	2-4	7/27/2015	<0.2U	<0.24U	<0.33U	<0.24U	120J	45J	2.4J	<0.19U	<0.36U	167.4
Football Field	SSHS-B239A	4-6	7/27/2015	-	-	-	-	-	3.3J	0.84J	-	-	4.14
Football Field	SSHS-B240	2-4	7/27/2015	<0.019U	<0.024U	<0.033U	<0.024U	7.5J	4.2J	0.65J	<0.019U	<0.035U	12.35
Football Field	SSHS-B242	2-4	7/27/2015	<0.4U	<0.49U	<0.67U	<0.49U	210J	73J	7.1J	<0.39U	<0.72U	290.1
Football Field	SSHS-B308	2-4	3/2/2016	<0.0089U	<0.014U	<0.0049U	<0.0072U	0.17J	0.092J	0.023J	<0.0036U	<0.0061U	0.285
Football Field	SSHS-B308	4-6	3/2/2016	<0.009U,F2	<0.014U	<0.0049U	<0.0072U	<0.0046U	<0.0072U	<0.0067U,F2	<0.0037U	<0.0061U	<0
Football Field	SSHS-B309	2-4	3/2/2016	<0.089U	<0.14U	<0.049U	<0.072U	13J	6J	0.55J	<0.036U	<0.06U	19.55
Football Field	SSHS-B309	4-6	3/2/2016	<0.0089U	<0.014U	<0.0049U	<0.0072U	4J	2.3J	0.33J	<0.0036U	<0.0061U	6.63
Football Field	SSHS-B310	2-4	3/2/2016	<0.082U	<0.13U	<0.045U	<0.066U	15J	5.4J	2J	<0.034U	<0.056U	22.4
Football Field	SSHS-B310	4-6	3/2/2016	<0.084U	<0.13U	<0.046U	<0.068U	13J	8J	2.5J	<0.034U	<0.057U	23.5
Football Field	SSHS-B311	2-4	3/2/2016	<0.0085U	<0.013U	<0.0046U	<0.0068U	5.5J	1.6J	0.37J	<0.0034U	<0.0057U	7.47
Football Field	SSHS-B312	2-4	3/2/2016	<0.0092U	<0.014U	<0.005U	<0.0074U	0.18J	0.078J	0.018J	<0.0037U	<0.0062U	0.276
Football Field	SSHS-B312	4-6	3/2/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	1.7J	0.83J	0.2J	<0.0036U	<0.0059U	2.73
Football Field	SSHS-B312	6-8	3/2/2016	<0.0086U	<0.014U	<0.0047U	<0.0069U	<0.0044U	<0.0069U	<0.0064U	<0.0035U	<0.0058U	<0
Football Field	SSHS-B313	4-6	3/2/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	6J	3.2J	0.65J	<0.0036U	<0.0059U	9.85
Football Field	SSHS-B313	6-8	3/2/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	0.0071J	<0.0071U	<0.0066U	<0.0036U	<0.006U	0.0071
Football Field	SSHS-B314	2-4	3/2/2016	<0.18U	<0.28U	<0.098U	<0.14U	50J	17J	1.3J	<0.073U	<0.12U	68.3
Football Field	SSHS-B314	4-6	3/2/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	2.6J	1J	0.1J	<0.0036U	<0.006U	3.7
Football Field	SSHS-B314	6-8	3/2/2016	<0.0089U	<0.014U	<0.0049U	<0.0072U	<0.0045U	<0.0072U	<0.0067U	<0.0036U	<0.006U	<0
Football Field	SSHS-B316	2-4	3/2/2016	<0.18U	<0.28U	<0.096U	<0.14U	39J	12J	2.8J	<0.072U	<0.12U	53.8
Football Field	SSHS-B316	4-6	3/2/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	0.3J	0.11J	0.038J	<0.0036U	<0.006U	0.448
Football Field	SSHS-B318	2-4	3/2/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	0.3J	0.15J	0.028J	<0.0033U	<0.0056U	0.478
Football Field	SSHS-B319	4-6	3/2/2016	<0.0089U	<0.014U	<0.0049U	<0.0072U	5.9J	1.4J	0.29J	<0.0036U	<0.006U	7.59
Football Field	SSHS-B319	8-10	3/2/2016	<0.0091U	<0.014U	<0.005U	<0.0073U	2.9J	0.7J	0.15J	<0.0037U	<0.0062U	3.75
Football Field	SSHS-B320	4-6	3/2/2016	<0.0086U	<0.014U	<0.0047U	<0.0069U	2.2J	1J	0.16J	<0.0035U	<0.0058U	3.36
Football Field	SSHS-B322	8-10	3/2/2016	<0.0085U	<0.013U	<0.0047U	<0.0069U	1.6J	0.49J	0.14J	<0.0035U	<0.0058U	2.23
Football Field	SSHS-B323	8-10	3/2/2016	<0.0087U	<0.014U	<0.0048U	<0.007U	4.3J	0.91J	0.19J	<0.0035U	<0.0059U	5.4
Football Field	SSHS-B325	2-4	3/1/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	0.26J	0.38J	0.16J	<0.0036U	<0.0059U	0.8
Football Field	SSHS-B326	2-4	3/2/2016	<0.17U	<0.27U	<0.092U	<0.14U	50J	27J	7.8J	<0.069U	<0.11U	84.8

TABLE 10A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
PCB Subsurface Screening Value													10
Protection of Ground Water SCO													3.2
NYS Hazardous Waste													50
Investigation Area	**Location**	**Depth Interval (ft bgs)**	**Sample Date**										
Football Field	SSHS-B326	4-6	3/2/2016	<0.0083U,F2,F1	<0.013U	<0.0045U	<0.0067U	2.5J	1.2J	0.32J	<0.0034U	<0.0056U	4.02
Football Field	SSHS-B407	2-4	8/25/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	0.017J	<0.0067U	<0.0062U	<0.0034U	<0.0056U	0.017
Football Field	SSHS-B407	4-6	8/25/2016	<0.0086U	<0.014U	<0.0047U	<0.0069U	0.21J	0.14J	0.021J	<0.0035U	<0.0058U	0.371
Football Field	SSHS-B407	6-8	8/25/2016	<0.009U	<0.014U	<0.0049U	<0.0072U	<0.0046U	<0.0072U	<0.0067U	<0.0036U	<0.0061U	0
Football Field	SSHS-B408	2-4	8/25/2016	<0.043U	<0.069U	<0.024U	<0.035U	7.3J	2.5J	0.12J	<0.018U	<0.029U	9.92
Football Field	SSHS-B410	2-4	8/25/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	0.2J	0.14J	0.046J	<0.0034U	<0.0056U	0.386
Football Field	SSHS-B412	2-4	8/25/2016	<0.085U	<0.13U	<0.047U	<0.069U	18J	6.3J	0.59J	<0.035U	<0.058U	24.89
Football Field	SSHS-B412	4-6	8/25/2016	<0.0087U	<0.014U	<0.0047U	<0.007U	1.6J	0.75J	0.091J	<0.0035U	<0.0059U	2.441
Football Field	SSHS-B412	6-8	8/25/2016	<0.0096U	<0.015U	<0.0053U	<0.0078U	<0.0049U	<0.0078U	<0.0072U	<0.0039U	<0.0065U	0
Football Field	SSHS-B413	2-4	8/26/2016	<0.17UJ	<0.27U	<0.094U	<0.14U	28J	11J	1.5J	<0.07U	<0.12U	40.5
Football Field	SSHS-B415	2-4	8/22/2016	<0.0084U	<0.013U	<0.0046U	<0.0067U	4J	2.7J	0.58J	<0.0034U	<0.0057U	7.28
Football Field	SSHS-B416	2-4	8/22/2016	<0.42U	<0.66U	<0.23U	<0.34U	54J	20J	4.8J	<0.17U	<0.28U	78.8
Football Field	SSHS-B417	2-4	8/22/2016	<0.0083U	<0.013U	<0.0046U	<0.0067U	<0.0042U	<0.0067U	<0.0062U	<0.0034U	<0.0056U	0
Football Field	SSHS-B424	2-4	8/22/2016	<0.0086U	<0.014U	<0.0047U	<0.0069U	3.9J	2.1J	0.39J	<0.0035U	<0.0058U	6.39
Football Field	SSHS-B425	2-4	8/22/2016	<0.044U	<0.069U	<0.024U	<0.035U	7.1J	2.6J	0.41J	<0.018U	<0.03U	10.11
Football Field	SSHS-B431	2-4	8/22/2016	<0.0087U	<0.014U	<0.0047U	<0.007U	4.6J	3.3J	0.89J	<0.0035U	<0.0059U	8.79
Football Field	SSHS-B432	2-4	8/22/2016	<0.042U	<0.066U	<0.023U	<0.034U	10J	4.2J	0.75J	<0.017U	<0.028U	14.95
Football Field	SSHS-B432	4-6	8/22/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	1.3J	0.51J	0.1J	<0.0036U	<0.006U	1.91
Football Field	SSHS-B433	2-4	8/23/2016	<0.042U	<0.066U	<0.023U	<0.033U	13J	5.3J	1.1J	<0.017U	<0.028U	19.4
Football Field	SSHS-B433	4-6	8/23/2016	<0.0087U	<0.014U	<0.0047U	<0.007U	1.2J	0.47J	0.091J	<0.0035U	<0.0059U	1.761
Football Field	SSHS-B434	2-4	8/22/2016	<0.0086U	<0.014U	<0.0047U	<0.0069U	3.5J	1.9J	0.52J	<0.0035U	<0.0058U	5.92
Football Field	SSHS-B435	6-8	8/23/2016	<0.045U	<0.072U	<0.025U	<0.037U	13J	6J	1.9J	<0.018U	<0.031U	20.9
Football Field	SSHS-B436	4-6	8/22/2016	<0.0081U,F2	<0.013U	<0.0045U	<0.0066U	1.8J	0.93J	0.26J	<0.0033U	<0.0055U	2.99
Football Field	SSHS-B441	2-4	8/24/2016	<0.86U	<1.4U	<0.47U	<0.69U	350J	91J	17J	<0.35U	<0.58U	458
Football Field	SSHS-B441	4-6	8/24/2016	<0.045U	<0.071U	<0.025U	<0.036U	15J	5.4J	0.44J	<0.018U	<0.03U	20.84
Football Field	SSHS-B441	6-8	8/24/2016	<0.0085U	<0.013U	<0.0047U	<0.0069U	0.014J	<0.0069U	<0.0064U	<0.0035U	<0.0058U	0.014
Football Field	SSHS-B442	2-4	8/24/2016	<0.0087U	<0.014U	<0.0047U	<0.007U	3.3J	0.96J	0.15J	<0.0035U	<0.0059U	4.41
Football Field	SSHS-B442	4-6	8/24/2016	<0.0089U	<0.014U	<0.0049U	<0.0072U	0.86J	0.26J	0.052J	<0.0036U	<0.006U	1.172
Football Field	SSHS-B442	6-8	8/24/2016	<0.0086U	<0.014U	<0.0047U	<0.0069U	0.36J	0.11J	0.02J	<0.0035U	<0.0058U	0.49
Football Field	SSHS-FB1	6-8	6/29/2000	<0.04U	<0.04U	<0.04U	<0.04U	<0.04U	<0.04U	<0.04U	-	-	<0
Football Field	SSHS-FB1	16-18	6/29/2000	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	-	-	<0
Football Field	SSHS-FB10	1-3	6/29/2000	<0.039U	<0.039U	<0.039U	<0.039U	2.7D	<0.039U	0.19	-	-	2.89
Football Field	SSHS-FB10AA	2-4	7/28/2015	<0.04U	<0.05U	<0.069U	<0.05U	4.5J	2.6J	0.44J	<0.04U	<0.073U	7.54
Football Field	SSHS-FB11	1-3	6/29/2000	<0.039U	<0.039U	<0.039U	<0.039U	0.33	<0.039U	0.12	-	-	0.45
Football Field	SSHS-FB3	3-4	6/29/2000	<0.038U	<0.038U	<0.038U	<0.038U	0.33	<0.038U	0.15	-	-	0.48
Football Field	SSHS-FB4	3-4	6/29/2000	<0.038U	<0.038U	<0.038U	<0.038U	8.8D	<0.038U	0.3	-	-	9.1

TABLE 10A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
PCB Subsurface Screening Value													10
Protection of Ground Water SCO													3.2
NYS Hazardous Waste													50
Investigation Area	**Location**	**Depth Interval (ft bgs)**	**Sample Date**										
Football Field	SSHS-FB5	2-4	6/29/2000	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	-	-	<0
Football Field	SSHS-FB5	6-8	6/29/2000	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	-	-	<0
Football Field	SSHS-FB6	1-3	6/29/2000	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	-	-	<0
Football Field	SSHS-FB6	4-6	6/29/2000	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	-	-	<0
Football Field	SSHS-FB6	17-19	6/29/2000	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	-	-	<0
Football Field	SSHS-FB7	1-3	6/29/2000	<0.04U	<0.04U	<0.04U	<0.04U	<100U	<0.04U	4.2E	-	-	4.2
Football Field	SSHS-FB7-A	2-3	7/21/2014	<0.0014U	<0.0018U	<0.0016U	<0.0015U	1.4J	0.7J	<0.0013U	<0.0012U	<0.002U	2.1
Football Field	SSHS-FB7-B	2-3	7/21/2014	<0.014U	<0.018U	<0.016U	<0.015U	7J	2.9J	<0.013U	<0.012U	<0.02U	9.9
Football Field	SSHS-FB7-BA	4-6	7/15/2015	<0.0041U	<0.005U	<0.0069U	<0.005U	5.1J	2J	0.16J	<0.004U	<0.0074U	7.26
Football Field	SSHS-FB7-BA	6-8	7/15/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	<0.0048U	<0.0045U	<0.0042U	<0.0039U	<0.0071U	<0
Football Field	SSHS-FB7-C	2-3	7/21/2014	<0.0014U	<0.0018U	<0.0016U	<0.0015U	1.2J	0.41J	<0.0013U	<0.0012U	<0.0021U	1.61
Football Field	SSHS-FB7-D	2-3	7/21/2014	<0.69U	<0.88U	<0.79U	<0.75U	340 - 540J	110 - 150J	<0.65U	<0.59U	<1U	1140
Football Field	SSHS-FB7-DA	4-6	7/15/2015	<0.02U	<0.024U	<0.034U	<0.025U	17J	6.1J	0.43J	<0.02U	<0.036U	23.53
Football Field	SSHS-FB7-DA	6-8	7/15/2015	<0.0041U	<0.005U	<0.007U	<0.0051U	0.029J	0.013J	<0.0044U	<0.0041U	<0.0074U	0.042
Football Field	SSHS-FB7-E	2-3	7/21/2014	<0.0069U	<0.0089U	<0.008U	<0.0076U	<5.4J	2.9J	<0.0066U	<0.006U	<0.01U	2.9
Football Field North	SSHS-B3	4-8	5/12/2000	<0.042U	<0.042U	<0.042U	<0.042U	<0.042U	<0.042U	<0.042U	-	-	<0
Football Field North	SSHS-B4	2-4	5/12/2000	<0.04U	<0.04U	<0.04U	<0.04U	<0.04U	<0.04U	<0.04U	-	-	<0
Football Field North	SSHS-B49	0.5-2.5	9/13/2000	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	-	-	<0
Football Field North	SSHS-B6	1-3	5/11/2000	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	-	-	<0
Football Field SE	SSHS-B357	2-4	3/4/2016	<0.008U	<0.013U	<0.0044U	<0.0064U	2.1J	0.87J	0.13J	<0.0033U	<0.0054U	3.1
Football Field SE	SSHS-B418	2-4	8/23/2016	<0.008U	<0.013U	<0.0044U	<0.0064U	0.11J	0.062J	0.013J	<0.0032U	<0.0054U	0.185
Football Field SE	SSHS-B419	2-4	8/23/2016	<0.04U	<0.064U	<0.022U	<0.033U	5.7J	3.3J	0.77J	<0.016U	<0.027U	9.77
Football Field SE	SSHS-B420	2-4	8/23/2016	<0.0078U	<0.012U	<0.0043U	<0.0063U	1.3J	0.91J	0.25J	<0.0032U	<0.0053U	2.46
Football Field SE	SSHS-B421	2-4	8/23/2016	<0.0078U	<0.012U	<0.0043U	<0.0063U	<0.004U	<0.0063U	<0.0058U	<0.0032U	<0.0053U	0
Football Field SE	SSHS-B421	4-6	8/23/2016	<0.0078U	<0.012U	<0.0043U	<0.0063U	0.16J	0.14J	0.03J	<0.0032U	<0.0053U	0.33
Football Field SE	SSHS-B422	2-4	8/23/2016	<0.008U	<0.013U	<0.0044U	<0.0064U	0.099J	0.064J	0.018J	<0.0032U	<0.0054U	0.181
Football Field SE	SSHS-B422	4-6	8/23/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	0.27J	0.12J	0.027J	<0.0033U	<0.0056U	0.417
Football Field SE	SSHS-B451	2-4	9/27/2016	<0.0081U	<0.013U	<0.0044U	<0.0065U	0.21J	0.18J	<0.0061U	<0.0033U	<0.0055U	0.39
Football Field SE	SSHS-B451	4-6	9/27/2016	<0.008U	<0.013U	<0.0044U	<0.0065U	0.12J	0.11J	<0.006U	<0.0033U	<0.0054U	0.23
Football Field SE	SSHS-B451	6-8	9/27/2016	<0.0081U	<0.013U	<0.0044U	<0.0066U	<0.0041U	<0.0066U	<0.0061U	<0.0033U	<0.0055U	0
Football Field SE	SSHS-B451	8-10	9/27/2016	<0.0079U	<0.012U	<0.0043U	<0.0064U	<0.004U	<0.0064U	<0.0059U	<0.0032U	<0.0054U	0
Football Field SE	SSHS-B451	10-12	9/27/2016	<0.0079U	<0.012U	<0.0043U	<0.0064U	<0.004U	<0.0064U	<0.0059U	<0.0032U	<0.0053U	0
Football Field SE	SSHS-B451	12-14	9/27/2016	<0.0079U	<0.012U	<0.0043U	<0.0063U	<0.004U	0.0088J	<0.0059U	<0.0032U	<0.0053U	0.0088
Football Field SE	SSHS-B451	14-16	9/27/2016	<0.0078U	<0.012U	<0.0043U	<0.0063U	<0.004U	<0.0063U	<0.0059U	<0.0032U	<0.0053U	0
Football Field SE	SSHS-B451	16-18	9/27/2016	<0.0081U	<0.013U	<0.0044U	<0.0065U	<0.0041U	<0.0065U	<0.0061U	<0.0033U	<0.0055U	0
Football Field SE	SSHS-B451	18-20	9/27/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	<0.0045U	<0.0071U	<0.0066U	<0.0036U	<0.006U	0

TABLE 10A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
PCB Subsurface Screening Value													10
Protection of Ground Water SCO													3.2
NYS Hazardous Waste													50
Investigation Area	**Location**	**Depth Interval (ft bgs)**	**Sample Date**										
Football Field SE	SSHS-B452	2-4	9/27/2016	<0.0081U	<0.013U	<0.0044U	<0.0065U	<0.0041U	0.032	<0.0061U	<0.0033U	<0.0055U	0.032
Football Field SE	SSHS-B452	4-6	9/27/2016	<0.0079U	<0.012U	<0.0043U	<0.0064U	<0.004U	0.013J	<0.0059U	<0.0032U	<0.0054U	0.013
Football Field SE	SSHS-B452	6-8	9/27/2016	<0.0078U	<0.012U	<0.0043U	<0.0063U	<0.004U	<0.0063U	<0.0058U	<0.0032U	<0.0053U	0
Football Field SE	SSHS-B452	8-10	9/27/2016	<0.008U	<0.013U	<0.0044U	<0.0064U	<0.0041U	<0.0064U	<0.006U	<0.0033U	<0.0054U	0
Football Field SE	SSHS-B516	2-4	8/23/2016	<0.04U	<0.063U	<0.022U	<0.032U	7.2J	3.3J	0.46J	<0.016U	<0.027U	10.96
Football Field SE	SSHS-B516	4-6	8/23/2016	<0.0081U	<0.013U	<0.0044U	<0.0065U	3.2J	1.2J	0.22J	<0.0033U	<0.0055U	4.62
Football Field SE	SSHS-B9	2-3	5/11/2000	<0.036U	<0.036U	<0.036U	<0.036U	0.76D	<0.036U	0.15	-	-	0.91
Football Field SE	SSHS-MW44	5-6	2/29/2016	<0.0087U	<0.014U	<0.0047U	<0.007U	0.41J	0.23J	0.079J	<0.0035U	<0.0059U	0.719
Football Field SE	SSHS-MW44	18-19	2/29/2016	<0.008U	<0.013U	<0.0044U	<0.0065U	<0.0041U	<0.0065U	<0.006U	<0.0033U	<0.0054U	<0
Football Field SE	SSHS-MW45	2-4	8/30/2016	<0.0078U	<0.012U	<0.0043U	<0.0063U	0.76J	0.46J	0.11J	<0.0032U	<0.0053U	1.33
Football Field SE	SSHS-MW45	4-6	8/30/2016	<0.0079U	<0.012U	<0.0043U	<0.0063U	<0.004U	<0.0063U	<0.0059U	<0.0032U	<0.0053U	0
Football Field SE	SSHS-MW45	6-8	8/30/2016	<0.0084U	<0.013U	<0.0046U	<0.0067U	<0.0043U	<0.0067U	<0.0063U	<0.0034U	<0.0057U	0
Football Field SE	SSHS-MW45	8-10	8/30/2016	<0.0078U	<0.012U	<0.0042U	<0.0063U	0.67J	0.36J	0.077J	<0.0032U	<0.0053U	1.107
Football Field SE	SSHS-MW45	10-12	9/26/2016	<0.0079U	<0.012U	<0.0043U	<0.0064U	<0.004U	<0.0064U	<0.0059U	<0.0032U	<0.0054U	0
Football Field SE	SSHS-MW45	12-14	9/26/2016	<0.0079U	<0.012U	<0.0043U	<0.0064U	<0.004U	<0.0064U	<0.0059U	<0.0032U	<0.0053U	0
Football Field SE	SSHS-MW45	14-16	9/26/2016	<0.0079U	<0.012U	<0.0043U	<0.0064U	<0.004U	<0.0064U	<0.0059U	<0.0032U	<0.0054U	0
Football Field SE	SSHS-MW45	16-18	9/26/2016	<0.008U	<0.013U	<0.0044U	<0.0064U	<0.0041U	<0.0064U	<0.006U	<0.0033U	<0.0054U	0
Football Field SE	SSHS-MW45	18-20	9/26/2016	<0.0084U	<0.013U	<0.0046U	<0.0067U	<0.0043U	<0.0067U	<0.0063U	<0.0034U	<0.0057U	0
Football Field SE	SSHS-MW45	20-22	9/26/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	<0.0043U	<0.0068U	<0.0063U	<0.0034U	<0.0057U	0
Football Field SW	SSHS-B321	4-6	3/3/2016	<43U	<69U	<24U	<35U	22,000J	5100J	720J	<18U	<29U	33,930
Football Field SW	SSHS-B328	2-4	3/3/2016	<0.41U	<0.65U	<0.23U	<0.33U	64J	25J	4.2J	<0.17U	<0.28U	159.9
Football Field SW	SSHS-B328	4-6	3/3/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	1.2J	0.59J	0.07J	<0.0036U	<0.0059U	1.86
Football Field SW	SSHS-B438	2-4	8/26/2016	<0.16U	<0.26U	<0.09U	<0.13U	53J	17J	1.6J	<0.067U	<0.11U	71.6
Football Field SW	SSHS-B438	4-6	8/26/2016	<0.082U	<0.13U	<0.045U	<0.066U	26J	9.9J	0.93J	<0.034U	<0.056U	36.83
Football Field SW	SSHS-B438	6-8	8/26/2016	<0.084U	<0.13U	<0.046U	<0.068U	26J	10J	0.8J	<0.034U	<0.057U	36.8
Football Field SW	SSHS-B438	8-10	8/26/2016	<0.82U	<1.3U	<0.45U	<0.66U	170J	56J	5.5J	<0.34U	<0.56U	231.5
Football Field SW	SSHS-B439	2-4	8/26/2016	<0.16U	<0.26U	<0.089U	<0.13U	39J	17J	1.7J	<0.066U	<0.11U	57.7
Football Field SW	SSHS-B439	6-8	9/15/2016	<0.86U	<1.4U	<0.47U	<0.7U	270J	89J	15J	<0.35U	<0.59U	374
Football Field SW	SSHS-B439	8-10	9/15/2016	<0.85U	<1.3U	<0.46U	<0.68U	110J	31J	3.8J	<0.35U	<0.58U	144.8
Football Field SW	SSHS-B440	2-4	8/26/2016	<0.082UJ	<0.13U	<0.045U	<0.066U	14J	5.1J	0.74J	<0.034U	<0.056U	19.84
Football Field SW	SSHS-B440	4-6	8/26/2016	<0.086UJ	<0.14U	<0.047U	<0.069U	18J	7J	1.1J	<0.035U	<0.058U	26.1
Football Field SW	SSHS-B440	6-8	8/26/2016	<0.83UJ	<1.3U	<0.45U	<0.67U	340J	86J	14J	<0.34U	<0.56U	440
Football Field SW	SSHS-B440	8-10	8/26/2016	<0.17U	<0.27U	<0.094U	<0.14U	29J	9.4J	1.2J	<0.07U	<0.12U	39.6
Football Field SW	SSHS-B443	2-4	9/14/2016	<0.83U,F1	<1.3U	<0.45U	<0.67U	210J	72J	10J	<0.34U	<0.56U	292
Football Field SW	SSHS-B443	4-6	9/14/2016	<4.1U	<6.5U	<2.3U	<3.3U	1500J	510J	51J	<1.7U	<2.8U	2061
Football Field SW	SSHS-B443	6-8	9/14/2016	<0.42U	<0.67U	<0.23U	<0.34U	74J	24J	3.5J	<0.17U	<0.29U	101.5

TABLE 10A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
PCB Subsurface Screening Value													10
Protection of Ground Water SCO													3.2
NYS Hazardous Waste													50
Investigation Area	**Location**	**Depth Interval (ft bgs)**	**Sample Date**										
Football Field SW	SSHS-B443	8-10	9/15/2016	<0.84U	<1.3U	<0.46U	<0.68U	200J	65J	6.6J	<0.34U	<0.57U	271.6
Football Field SW	SSHS-B444	2-4	8/26/2016	<0.17UJ	<0.26U	<0.09U	<0.13U	37J	14J	2.2J	<0.067U	<0.11U	53.2
Football Field SW	SSHS-B444	4-6	8/26/2016	<0.0085U	<0.013U	<0.0046U	<0.0068U	5.5J	2.7J	0.72J	<0.0035U	<0.0057U	8.92
Football Field SW	SSHS-B444	6-8	8/26/2016	<0.087UJ	<0.14U	<0.047U	<0.07U	<0.044U	23	<0.065U,F1,F2	<0.035U	<0.059U	23
Football Field SW	SSHS-B444	8-10	8/26/2016	<0.085U	<0.13U	<0.046U	<0.068U	24J	8.2J	1.4J	<0.034U	<0.057U	33.6
Football Field SW	SSHS-B461	2-3	8/31/2016	<0.041U	<0.064U	<0.022U	<0.033U	6.6J	1.7J	0.33J	<0.017U	<0.028U	8.63
Football Field SW	SSHS-B462	2-3	8/31/2016	<0.085U	<0.13U	<0.047U	<0.069U	38J	13J	1.9J	<0.035U	<0.058U	52.9
Football Field SW	SSHS-B463	2-3	8/31/2016	<0.042U	<0.066U	<0.023U	<0.034U	11J	3.9J	0.68J	<0.017U	<0.029U	15.58
Football Field SW	SSHS-B619	2-4	2/14/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	1.8J	0.61J	0.11J	<0.0055U	<0.013U	2.52
Football Field SW	SSHS-B619	4-6	2/14/2017	<0.0097U	<0.0094U	<0.0072U	<0.014U	0.71J	0.27J	0.046J	<0.0055U	<0.013U	1.026
Football Field SW	SSHS-B619	6-8	2/14/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.082J	0.043J	<0.012U	<0.0055U	<0.013U	0.125
Football Field SW	SSHS-B619	8-10	2/14/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.42J	0.16J	0.027J	<0.0055U	<0.013U	0.607
Football Field SW	SSHS-B619	10-12	2/14/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	<0.0088U	<0.0081U	<0.012U	<0.0056U	<0.013U	<0
Football Field SW	SSHS-B620	2-4	2/13/2017	<0.097U	<0.095U	<0.073U	<0.15U	21J	8.2J	1.6J	<0.056U	<0.13U	30.8
Football Field SW	SSHS-B620	4-6	2/13/2017	<0.1U	<0.099U	<0.076U	<0.15U	9.2J	3.4J	0.6J	<0.059U	<0.14U	13.2
Football Field SW	SSHS-B620	6-8	2/13/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	1.6J	0.58J	0.15J	<0.0058U	<0.014U	2.33
Football Field SW	SSHS-B620	8-10	2/13/2017	<0.0099U	<0.0096U	<0.0074U	<0.015U	3.4J	1.2J	0.23J	<0.0057U	<0.013U	4.83
Football Field SW	SSHS-B620	10-12	2/13/2017	<0.0093U	<0.009U	<0.0069U	<0.014U	0.017	<0.0077U	<0.012U	<0.0053U	<0.013U	0.017
Football Field SW	SSHS-B621	6-8	2/13/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.026J	0.0094J	<0.012U	<0.0056U	<0.013U	0.0354
Football Field SW	SSHS-B621	8-10	2/13/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	0.31J	0.099J	0.025J	<0.0056U	<0.013U	0.434
Football Field SW	SSHS-B621	10-12	2/13/2017	<0.0097U	<0.0094U	<0.0072U	<0.014U	0.62J	0.17J	0.036J	<0.0056U	<0.013U	0.826
Football Field SW	SSHS-B621	12-14	2/13/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	0.18	0.088	<0.012U	<0.0056U	<0.013U	0.268
Football Field SW	SSHS-B621	14-16	2/13/2017	<0.0099U	<0.0096U	<0.0074U	<0.015U	0.029	0.027	<0.012U	<0.0057U	<0.013U	0.056
Football Field SW	SSHS-B644	10-12	2/9/2017	<0.097U	<0.095U	<0.073U	<0.15U	10J	4.2J	0.44J	<0.056U	<0.13U	14.64
Football Field SW	SSHS-B644	12-14	2/9/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.061	0.017J	<0.012U	<0.0055U	<0.013U	0.078
Football Field SW	SSHS-B644	14-16	2/9/2017	<0.092U	<0.089U	<0.068U	<0.14U	16	6.1	0.74	<0.053U	<0.12U	22.84
Football Field SW	SSHS-B645	10-12	2/13/2017	<0.046U	<0.045U	<0.035U	<0.069U	5.8J	2.7J	0.89J	<0.027U	<0.063U	9.39
Football Field SW	SSHS-B645	12-14	2/13/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	4.2	1.7	0.37	<0.0054U	<0.013U	6.27
Football Field SW	SSHS-B645	14-16	2/13/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.046	0.032	<0.012U	<0.0055U	<0.013U	0.078
Football Field SW	SSHS-B646	10-12	2/13/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.081J	0.018J	<0.012U	<0.0055U	<0.013U	0.099
Football Field SW	SSHS-B646	12-14	2/13/2017	<4.8U	<4.7U	<3.6U	<7.1U	220	90	13	<2.7U	<6.4U	323
Football Field SW	SSHS-B646	14-16	2/13/2017	<0.0095U	<0.0093U	<0.0071U	0.96	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	0.96
Football Field SW	SSHS-B650	2-4	2/14/2017	<0.098U	<0.095U	<0.073U	<0.15U	12J	3.9J	0.77J	<0.056U	<0.13U	16.67
Football Field SW	SSHS-B650	4-6	2/14/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	2J	0.78J	0.14J	<0.0056U	<0.013U	2.92
Football Field SW	SSHS-B650	6-8	2/14/2017	<0.1U	<0.1U	<0.077U	<0.15U	15J	5.1J	0.89J	<0.059U	<0.14U	20.99
Football Field SW	SSHS-B650	8-10	2/14/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	1.4J	0.45J	0.086J	<0.0057U	<0.013U	1.936

TABLE 10A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
PCB Subsurface Screening Value													10
Protection of Ground Water SCO													3.2
NYS Hazardous Waste													50
Investigation Area	**Location**	**Depth Interval (ft bgs)**	**Sample Date**										
Football Field SW	SSHS-B650	10-12	2/14/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.023J	0.016J	<0.012U	<0.0057U	<0.013U	0.039
Football Field SW	SSHS-B650	12-14	2/14/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	1.3	0.4	0.087	<0.0054U	<0.013U	1.787
Football Field SW	SSHS-B650	14-16	2/14/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	<0.0086U	<0.0079U	<0.012U	<0.0055U	<0.013U	0
Football Field SW	SSHS-B651	2-4	2/14/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.39J	0.18J	0.036J	<0.0055U	<0.013U	0.606
Football Field SW	SSHS-B651	4-6	2/14/2017	<0.0094U	<0.0091U	<0.007U	<0.014U	0.42J	0.19J	0.03J	<0.0054U	<0.013U	0.64
Football Field SW	SSHS-B651	6-8	2/14/2017	<0.011U	<0.011U	<0.0081U	<0.016U	<0.0098U	<0.009U	<0.014U	<0.0063U	<0.015U	<0
Football Field SW	SSHS-B651	8-10	2/14/2017	<0.01U	<0.01U	<0.0078U	<0.016U	0.64J	0.29J	0.049J	<0.006U	<0.014U	0.979
Football Field SW	SSHS-B651	10-12	2/14/2017	<0.011U	<0.01U	<0.0079U	<0.016U	<0.0095U	<0.0087U	<0.013U	<0.0061U	<0.014U	<0
Football Field SW	SSHS-B651	12-14	2/14/2017	<0.0093U	<0.0091U	<0.0069U	<0.014U	0.05	0.019	<0.012U	<0.0053U	<0.013U	0.069
Football Field SW	SSHS-B651	14-16	2/14/2017	<0.009U	<0.0088U	<0.0067U	<0.014U	<0.0081U	<0.0075U	<0.011U	<0.0052U	<0.012U	0
Football Field SW	SSHS-B652	2-4	2/14/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	4.5J	1.1J	0.23J	<0.0055U	<0.013U	5.83
Football Field SW	SSHS-B652	4-6	2/14/2017	<1U	<0.98U	<0.75U	<1.5U	150J	39J	6.7J	<0.58U	<1.4U	195.7
Football Field SW	SSHS-B652	6-8	2/14/2017	<0.99U	<0.96U	<0.74U	<1.5U	77J	21J	3.6J	<0.57U	<1.3U	101.6
Football Field SW	SSHS-B652	8-10	2/14/2017	<0.97U	<0.95U	<0.72U	<1.5U	84J	21J	3.7J	<0.56U	<1.3U	108.7
Football Field SW	SSHS-B652	10-12	2/14/2017	<0.0091U	<0.0089U	<0.0068U	<0.014U	0.056J	0.019J	<0.011U	<0.0052U	<0.012U	0.075
Football Field SW	SSHS-B652	12-14	2/14/2017	<0.094U	<0.092U	<0.07U	<0.14U	15	3.6	0.64	<0.054U	<0.13U	19.24
Football Field SW	SSHS-B652	14-16	2/14/2017	<0.0092U	<0.0089U	<0.0068U	<0.014U	0.33	0.12	<0.012U	<0.0053U	<0.012U	0.45
Football Field SW	SSHS-B653	4-6	2/14/2017	<0.099U	<0.097U	<0.074U	<0.15U	9.9J	2.8J	0.52J	<0.057U	<0.13U	13.22
Football Field SW	SSHS-B653	6-8	2/14/2017	<0.1U	<0.099U	<0.076U	<0.15U	17J	5.9J	0.77J	<0.058U	<0.14U	23.67
Football Field SW	SSHS-B653	8-10	2/14/2017	<0.1U	<0.098U	<0.075U	<0.15U	8.9J	2.5J	0.51J	<0.058U	<0.14U	11.91
Football Field SW	SSHS-B653	10-12	2/14/2017	<0.1U	<0.1U	<0.076U	<0.15U	5.6J	1.5J	0.3J	<0.059U	<0.14U	7.4
Football Field SW	SSHS-B653	12-14	2/14/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	4.1	1.1	0.21	<0.0055U	<0.013U	5.41
Football Field SW	SSHS-B653	14-16	2/14/2017	<0.0093U	<0.0091U	<0.0069U	<0.014U	0.28	0.074	<0.012U	<0.0053U	<0.013U	0.354
Football Field SW	SSHS-B661	4-6	2/13/2017	<0.011U	<0.01U	<0.0079U	<0.016U	2.4J	0.82J	0.22J	<0.006U	<0.014U	3.44
Football Field SW	SSHS-B669	10-12	2/13/2017	<0.009U	<0.0088U	<0.0067U	<0.013U	0.49J	0.093J	0.022J	<0.0052U	<0.012U	0.605
Football Field SW	SSHS-B669	12-14	2/13/2017	<0.098U	<0.096U	<0.073U	<0.15U	22	9.9	2	<0.056U	<0.13U	33.9
Football Field SW	SSHS-B669	14-16	2/13/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.22	0.11	0.015J	<0.0055U	<0.013U	0.345
Football Field SW	SSHS-B709	6-8	3/22/2017	<0.0095U	<0.0092U	<0.0071U	<0.014U	0.026	0.011J	<0.012U	<0.0054U	<0.013U	0.037
Football Field SW	SSHS-B8	4-5	5/11/2000	<0.037U	<0.037U	<0.037U	<0.037U	3.3D	<0.037U	0.17	-	-	3.47
F-Wing	SSHS-B18	1-3	5/10/2000	<0.037U	<0.037U	<0.037U	<0.037U	0.074	<0.037U	<0.037U	-	-	0.074
F-Wing	SSHS-B20	5-7	5/9/2000	<0.038U	<0.038U	<0.038U	<0.038U	0.25	<0.038U	<0.038U	-	-	0.25
F-Wing	SSHS-B92	2-6	8/12/2014	<0.0028U	<0.0035U	<0.0032U	<0.003U	0.081	<0.0026U	0.028	<0.0024U	<0.0041U	0.109
F-Wing	SSHS-B92	6-10	8/12/2014	<0.0033U	<0.0043U	<0.0038U	<0.0037U	<0.0021U	<0.0032U	<0.0032U	<0.0029U	<0.0049U	<0
F-Wing	SSHS-B92	10-16	8/12/2014	<0.0028U	<0.0035U	<0.0032U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.0041U	<0
F-Wing	SSHS-B93	2-6	8/12/2014	<0.0027U	<0.0035U	<0.0032U	<0.003U	0.069	<0.0026U	<0.015J	<0.0024U	<0.004U	0.069
F-Wing	SSHS-B93	6-10	8/12/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0

TABLE 10A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
PCB Subsurface Screening Value													10
Protection of Ground Water SCO													3.2
NYS Hazardous Waste													50
Investigation Area	**Location**	**Depth Interval (ft bgs)**	**Sample Date**										
F-Wing	SSHS-B93	10-16	8/12/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
F-Wing	SSHS-B94	2-6	8/12/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	0.38	<0.0026U	0.029	<0.0023U	<0.004U	0.409
F-Wing	SSHS-B94	6-10	8/12/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	1.6	<0.0026U	0.13	<0.0023U	<0.004U	1.73
F-Wing	SSHS-B94	10-16	8/12/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	0.29	<0.0026U	0.022	<0.0024U	<0.004U	0.312
F-Wing	SSHS-B95	2-6	8/12/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	0.037	<0.0026U	<0.0077J	<0.0023U	<0.0039U	0.037
F-Wing	SSHS-B95	6-10	8/12/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	0.028	<0.0025U	<0.0071J	<0.0023U	<0.0039U	0.028
F-Wing	SSHS-B95	10-16	8/12/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	0.022	<0.0026U	<0.0047J	<0.0023U	<0.004U	0.022
F-Wing	SSHS-B96	2-6	8/12/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
F-Wing	SSHS-B96	6-10	8/12/2014	<0.0028U	<0.0036U	<0.0032U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
F-Wing	SSHS-B96	10-15.5	8/12/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
F-Wing	SSHS-B98	2-6	8/13/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
F-Wing	SSHS-B98	6-10	8/13/2014	<0.0028U	<0.0036U	<0.0032U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
F-Wing	SSHS-B98	10-12	8/13/2014	<0.0032U	<0.0041U	<0.0036U	<0.0035U	<0.002U	<0.003U	<0.003U	<0.0027U	<0.0047U	<0
K-Wing	SSHS-B19	1-4	5/9/2000	<0.037U	<0.037U	<0.037U	<0.037U	0.015J	<0.037U	<0.037U	-	-	0.015
K-Wing	SSHS-B97	2-6	8/13/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	0.056	<0.0026U	<0.016J	<0.0024U	<0.004U	0.056
K-Wing	SSHS-B97	6-10	8/13/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
K-Wing	SSHS-B97	10-16	8/13/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
Main Parking Lot	SSHS-B17	1-3	5/10/2000	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	-	-	<0
Main Parking Lot	SSHS-B267	2-4	7/30/2015	<0.0038U	<0.0047U	<0.0065U	<0.0047U	1.2J	0.49J	0.073J	<0.0038U	<0.0069U	1.763
Main Parking Lot	SSHS-B267	4-6	7/30/2015	<0.0039U	<0.0048U	<0.0067U	<0.0049U	0.13J	0.054J	0.0092J	<0.0039U	<0.0071U	0.1932
Main Parking Lot	SSHS-B267	6-8	7/30/2015	<0.0038U	<0.0047U	<0.0065U	<0.0047U	<0.0047U	<0.0044U	<0.0041U	<0.0038U	<0.0069U	<0
Main Parking Lot	SSHS-B329	2-4	3/3/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.014J	<0.0068U	<0.0063U	<0.0034U	<0.0057U	0.014
Main Parking Lot	SSHS-B329	4-6	3/3/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	0.049J	0.013J	<0.0062U	<0.0034U	<0.0056U	0.062
Main Parking Lot	SSHS-B329	6-8	3/3/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	<0.0045U	<0.0071U	<0.0066U	<0.0036U	<0.006U	<0
Main Parking Lot	SSHS-B329	8-10	3/3/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.11J	0.022J	<0.0063U	<0.0034U	<0.0057U	0.132
Main Parking Lot	SSHS-B334	2-4	3/3/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	1.8J	1.1J	0.33J	<0.0033U	<0.0056U	3.23
Main Parking Lot	SSHS-B334	4-6	3/3/2016	<0.0081U	<0.013U	<0.0044U	<0.0065U	0.72J	0.47J	0.12J	<0.0033U	<0.0055U	1.31
Main Parking Lot	SSHS-B334	6-8	3/3/2016	<0.0083U	<0.013U	<0.0046U	<0.0067U	0.022	<0.0067U	<0.0062U	<0.0034U	<0.0056U	0.022
Main Parking Lot	SSHS-B334	8-10	3/3/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	1J	0.52J	0.11J	<0.0033U	<0.0056U	1.63
Main Parking Lot	SSHS-B455	4-6	8/30/2016	<0.0092U	<0.015U	<0.005U	<0.0074U	<0.02U	<0.0074U	<0.0069U	<0.0038U	<0.0062U	0
Main Parking Lot	SSHS-B455	6-8	8/30/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	<0.0042U	<0.0067U	<0.0062U	<0.0034U	<0.0056U	0
Main Parking Lot	SSHS-B455	8-10	8/30/2016	<0.0085U	<0.013U	<0.0046U	<0.0068U	0.21J	0.085J	<0.0063U	<0.0034U	<0.0057U	0.295
Main Parking Lot	SSHS-B456	4-6	8/30/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	<0.0042U	<0.0066U	<0.0062U	<0.0034U	<0.0056U	0
Main Parking Lot	SSHS-B473	4-6	8/30/2016	<0.0089U	<0.014U	<0.0048U	<0.0071U	0.14J	0.053J	<0.0066U	<0.0036U	<0.006U	0.193
Main Parking Lot	SSHS-B473	6-8	8/30/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	<0.0042U	<0.0067U	<0.0062U	<0.0034U	<0.0056U	0
Main Parking Lot	SSHS-B473	8-10	8/30/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	<0.0045U	<0.0071U	<0.0066U	<0.0036U	<0.006U	0

TABLE 10A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
PCB Subsurface Screening Value													10
Protection of Ground Water SCO													3.2
NYS Hazardous Waste													50
Investigation Area	**Location**	**Depth Interval (ft bgs)**	**Sample Date**										
Main Parking Lot	SSHS-B628	12-14	2/9/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	0.32J	0.29J	0.065J	<0.0056U	<0.013U	0.675
Main Parking Lot	SSHS-B629	6-8	2/9/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	<0.0085U	<0.0079U	<0.012U	<0.0055U	<0.013U	0
Main Parking Lot	SSHS-B629	8-10	2/9/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	0.017J	0.013J	<0.012U	<0.0056U	<0.013U	0.03
Main Parking Lot	SSHS-B629	12-14	2/9/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	0
Main Parking Lot	SSHS-B632	4-6	2/10/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	<0.0088U	<0.0081U	<0.012U	<0.0056U	<0.013U	<0
Main Parking Lot	SSHS-B632	6-8	2/10/2017	<0.0099U	<0.0096U	<0.0074U	<0.015U	<0.0089U	<0.0081U	<0.012U	<0.0057U	<0.013U	<0
Main Parking Lot	SSHS-B632	8-10	2/10/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	0.033J	0.02J	<0.012U	<0.0056U	<0.013U	0.053
Main Parking Lot	SSHS-B632	10-12	2/10/2017	<0.01U	<0.0099U	<0.0076U	<0.015U	<0.0091U	<0.0084U	<0.013U	<0.0058U	<0.014U	<0
Main Parking Lot	SSHS-B632	12-14	2/10/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.023J	0.012J	<0.012U	<0.0055U	<0.013U	0.035
Main Parking Lot	SSHS-B633	2-4	2/10/2017	<0.09U,F1	<0.088U	<0.068U	<0.14U	11J	3.3J	0.63J	<0.052U	<0.12U	14.93
Main Parking Lot	SSHS-B633	4-6	2/10/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	3.6J	0.82J	0.18J	<0.0056U	<0.013U	4.6
Main Parking Lot	SSHS-B633	6-8	2/10/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.16J	0.084J	<0.012U	<0.0055U	<0.013U	0.244
Main Parking Lot	SSHS-B633	8-10	2/10/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	2.2J	0.73J	0.097J	<0.0056U	<0.013U	3.027
Main Parking Lot	SSHS-B633	10-12	2/10/2017	<1U	<0.98U	<0.75U	<1.5U	240J	120J	13J	<0.58U	<1.4U	373
Main Parking Lot	SSHS-B633	12-14	2/10/2017	<0.049U	<0.048U	<0.037U	<0.074U	11J	4.7J	0.75J	<0.028U	<0.067U	16.45
Main Parking Lot	SSHS-B634	2-4	2/10/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.16	0.094	0.02	<0.0055U	<0.013U	0.274
Main Parking Lot	SSHS-B634	4-6	2/10/2017	<0.0001U	<0.0001U	<0.000078U	<0.00016U	0.0015	0.00057	<0.00013U	<0.00006U	<0.00014U	0.00207
Main Parking Lot	SSHS-B634	8-10	2/10/2017	<0.0099U	<0.0096U	<0.0074U	<0.015U	0.11J	0.044J	<0.012U	<0.0057U	<0.013U	0.154
Main Parking Lot	SSHS-B634	12-14	2/10/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.087J	0.046J	<0.012U	<0.0055U	<0.013U	0.133
Main Parking Lot	SSHS-B656	10-12	2/14/2017	<0.0097U,F2	<0.0095U	<0.0073U	<0.015U	0.036J	0.011J	<0.012U,F2	<0.0056U	<0.013U	0.047
Main Parking Lot	SSHS-B656	12-14	2/14/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.45J	0.15J	0.018J	<0.0055U	<0.013U	0.618
Main Parking Lot	SSHS-B679	2-4	3/21/2017	<0.049U,F1	<0.048U	<0.037U	<0.073U	8.8	2.4	0.65	<0.028U	<0.066U	11.85
Main Parking Lot	SSHS-B679	4-6	3/21/2017	<0.0097U	<0.0094U	<0.0072U	<0.014U	1.3	0.4	0.088	<0.0056U	<0.013U	1.788
Main Parking Lot	SSHS-B679	10-12	3/21/2017	<0.01U	<0.01U	<0.0077U	<0.015U	0.24	0.093	0.032	<0.0059U	<0.014U	0.365
Main Parking Lot	SSHS-B679	12-14	3/21/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.74	0.22	0.054	<0.0056U	<0.013U	1.014
Main Parking Lot	SSHS-B679	14-16	3/21/2017	<0.01U,F1	<0.0099U	<0.0076U	<0.015U	1.1	0.3	0.056	<0.0058U	<0.014U	1.456
Main Parking Lot	SSHS-B680	2-4	3/20/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.19	0.054	0.015J	<0.0055U	<0.013U	0.259
Main Parking Lot	SSHS-B680	4-6	3/20/2017	<0.0094U	<0.0092U	<0.0071U	<0.014U	0.095	0.032	<0.012U	<0.0054U	<0.013U	0.127
Main Parking Lot	SSHS-B680	10-12	3/20/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	0.75	0.17	0.049	<0.0058U	<0.014U	0.969
Main Parking Lot	SSHS-B680	12-14	3/20/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.18	0.049	0.014J	<0.0055U	<0.013U	0.243
Main Parking Lot	SSHS-B680	14-16	3/20/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	0
Main Parking Lot	SSHS-B681	2-4	3/20/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.17	0.068	0.02	<0.0057U	<0.013U	0.258
Main Parking Lot	SSHS-B681	4-6	3/20/2017	<0.01U	<0.01U	<0.0076U	<0.015U	0.076	0.043	0.014J	<0.0059U	<0.014U	0.133
Main Parking Lot	SSHS-B681	8-10	3/20/2017	<0.01U	<0.01U	<0.0077U	<0.015U	0.099	0.041	0.016J	<0.0059U	<0.014U	0.156
Main Parking Lot	SSHS-B681	10-12	3/20/2017	<0.01U	<0.01U	<0.0076U	<0.015U	0.47	0.11	0.039	<0.0059U	<0.014U	0.619
Main Parking Lot	SSHS-B681	12-14	3/20/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	0.11	0.033	0.014J	<0.0057U	<0.014U	0.157

TABLE 10A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
PCB Subsurface Screening Value													10
Protection of Ground Water SCO													3.2
NYS Hazardous Waste													50
Investigation Area	**Location**	**Depth Interval (ft bgs)**	**Sample Date**										
Main Parking Lot	SSHS-B681	14-16	3/20/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	<0.0088U	<0.0081U	<0.012U	<0.0056U	<0.013U	0
Main Parking Lot	SSHS-B692	2-4	3/20/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.37	0.14	0.053	<0.0057U	<0.013U	0.563
Main Parking Lot	SSHS-B692	8-10	3/20/2017	<0.01U	<0.0099U	<0.0076U	<0.015U	0.25	0.078	0.023	<0.0058U	<0.014U	0.351
Main Parking Lot	SSHS-B692	10-12	3/20/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	1	0.3	0.067	<0.0056U	<0.013U	1.367
Main Parking Lot	SSHS-B692	12-14	3/20/2017	<0.011U	<0.01U	<0.0079U	<0.016U	0.37	0.11	0.043	<0.0061U	<0.014U	0.523
Main Parking Lot	SSHS-B694	10-12	3/21/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	<0.009U	<0.0083U	<0.013U	<0.0058U	<0.014U	0
Main Parking Lot	SSHS-B696	2-4	3/20/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	1.3	0.52	0.28	<0.0056U	<0.013U	2.1
Main Parking Lot	SSHS-B696	4-6	3/20/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	1.6	0.86	0.19	<0.0057U	<0.014U	2.65
Main Parking Lot	SSHS-B696	10-12	3/20/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.13	0.09	0.05	<0.0057U	<0.013U	0.27
Main Parking Lot	SSHS-B696	12-14	3/20/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.55	0.11p	0.055	<0.0056U	<0.013U	0.715
Main Parking Lot	SSHS-B697	2-4	3/21/2017	<1U	<0.98U	<0.75U	<1.5U	110	38	5.5	<0.58U	<1.4U	153.5
Main Parking Lot	SSHS-B697	4-6	3/21/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	3.5	0.88	0.16	<0.0056U	<0.013U	4.54
Main Parking Lot	SSHS-B697	10-12	3/21/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	0.74	0.36	0.12	<0.0058U	<0.014U	1.22
Main Parking Lot	SSHS-B697	12-14	3/21/2017	<0.01U	<0.01U	<0.0076U	<0.015U	2.1	0.46	0.1	<0.0059U	<0.014U	2.66
Main Parking Lot	SSHS-B697	14-16	3/21/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.023	<0.0082U	<0.013U	<0.0057U	<0.013U	0.023
Main Parking Lot	SSHS-B698	2-4	3/20/2017	<0.01U	<0.01U	<0.0078U	<0.016U	0.55	0.17	0.057	<0.006U	<0.014U	0.777
Main Parking Lot	SSHS-B698	10-12	3/20/2017	<0.0099U	<0.0096U	<0.0074U	<0.015U	0.093	0.059	0.021	<0.0057U	<0.013U	0.173
Main Parking Lot	SSHS-B698	12-14	3/20/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.073	0.035	<0.013U	<0.0057U	<0.013U	0.108
Main Parking Lot	SSHS-B698	14-16	3/20/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	0
Main Parking Lot	SSHS-B699	2-4	3/21/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.028	0.023	<0.012U	<0.0055U	<0.013U	0.051
Main Parking Lot	SSHS-B699	4-6	3/21/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.12	0.057	0.025	<0.0057U	<0.013U	0.202
Main Parking Lot	SSHS-B699	8-10	3/21/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	0.073	0.032	<0.012U	<0.0056U	<0.013U	0.105
Main Parking Lot	SSHS-B699	10-12	3/21/2017	<0.01U	<0.01U	<0.0076U	<0.015U	0.51	0.14	0.048	<0.0059U	<0.014U	0.698
Main Parking Lot	SSHS-B699	12-14	3/21/2017	<0.01U	<0.01U	<0.0077U	<0.016U	0.075	0.033	<0.013U	<0.0059U	<0.014U	0.108
Main Parking Lot	SSHS-B699	14-16	3/21/2017	<0.0093U	<0.0091U	<0.007U	<0.014U	0.0091J	<0.0077U	<0.012U	<0.0054U	<0.013U	0.0091
Main Parking Lot	SSHS-B704	2-4	3/20/2017	<0.01U,F1	<0.01U	<0.0078U	<0.016U	0.49	0.12	0.051	<0.006U	<0.014U	0.661
Main Parking Lot	SSHS-B705	8-10	3/20/2017	<0.01U	<0.0099U	<0.0075U	<0.015U	0.2	0.093	0.031	<0.0058U	<0.014U	0.324
Main Parking Lot	SSHS-B716	14-16	3/20/2017	<0.0095U	<0.0092U	<0.0071U	<0.014U	0.23	0.12	0.019	<0.0054U	<0.013U	0.369
Main Parking Lot	SSHS-B718	14-16	3/21/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	0.0096J	<0.0078U	<0.012U	<0.0054U	<0.013U	0.0096
Main Parking Lot	SSHS-B720	2-4	4/12/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.056	0.04	0.016J	<0.0057U	<0.013U	0.112
Main Parking Lot	SSHS-B720	4-6	4/12/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.077	0.045	0.013J	<0.0057U	<0.013U	0.135
Main Parking Lot	SSHS-B721	2-4	4/12/2017	<0.01U	<0.0099U	<0.0075U	<0.015U	0.32	0.21	0.039	<0.0058U	<0.014U	0.569
Main Parking Lot	SSHS-B721	4-6	4/12/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.078	0.05	<0.012U	<0.0055U	<0.013U	0.128
Main Parking Lot	SSHS-B722	2-4	4/12/2017	<0.0093U	<0.009U	<0.0069U	<0.014U	0.028	0.018	<0.012U	<0.0053U	<0.013U	0.046
Main Parking Lot	SSHS-B722	4-6	4/12/2017	<0.0093U	<0.0091U	<0.007U	<0.014U	0.055	0.028	<0.012U	<0.0054U	<0.013U	0.083
Main Parking Lot	SSHS-B73	2-6	8/13/2014	<0.0028U	<0.0036U	<0.0032U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0042U	<0

TABLE 10A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
PCB Subsurface Screening Value													10
Protection of Ground Water SCO													3.2
NYS Hazardous Waste													50
Investigation Area	**Location**	**Depth Interval (ft bgs)**	**Sample Date**										
Main Parking Lot	SSHS-B73	6-10	8/13/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	0.046	<0.0026U	<0.012J	<0.0023U	<0.0039U	0.046
Main Parking Lot	SSHS-B73	10-15	8/13/2014	<0.0028U	<0.0035U	<0.0032U	<0.003U	0.077	<0.0026U	0.024	<0.0024U	<0.0041U	0.101
Main Parking Lot	SSHS-B74	2-6	8/13/2014	<0.0026U	<0.0033U	<0.003U	<0.0028U	<0.0016U	<0.0025U	<0.0025U	<0.0022U	<0.0038U	<0
Main Parking Lot	SSHS-B74	6-10	8/13/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
Main Parking Lot	SSHS-B74	10-15	8/13/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
Main Parking Lot	SSHS-B78	2-6	8/14/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
Main Parking Lot	SSHS-B78	6-10	8/14/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
Main Parking Lot	SSHS-B78	10-15	8/14/2014	<0.0026U	<0.0033U	<0.003U	<0.0028U	<0.0017U	<0.0025U	<0.0025U	<0.0022U	<0.0038U	<0
Main Parking Lot	SSHS-B79	2-6	8/14/2014	<0.0027U	<0.0035U	<0.0031U	<0.0029U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
Main Parking Lot	SSHS-B79	6-10	8/14/2014	<0.0027U	<0.0035U	<0.0032U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
Main Parking Lot	SSHS-B79	10-15	8/14/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
Main Parking Lot	SSHS-B80	2-6	8/14/2014	<0.0027U	<0.0035U	<0.0032U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
Main Parking Lot	SSHS-B80	6-10	8/14/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
Main Parking Lot	SSHS-B80	10-14.5	8/14/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	<0.0017U	<0.0026U	<0.0025U	<0.0023U	<0.0039U	<0
Main Parking Lot	SSHS-B81	2-6	8/14/2014	<0.0027U	<0.0035U	<0.0032U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
Main Parking Lot	SSHS-B81	6-10	8/14/2014	<0.0028U	<0.0036U	<0.0033U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0025U	<0.0042U	<0
Main Parking Lot	SSHS-B81	10-13.5	8/14/2014	<0.0028U	<0.0036U	<0.0032U	<0.003U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
Main Parking Lot	SSHS-B82	2-6	8/13/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
Main Parking Lot	SSHS-B82	6-10	8/13/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
Main Parking Lot	SSHS-B82	10-15	8/13/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
Main Parking Lot	SSHS-B83	2-6	8/13/2014	<0.0029U	<0.0038U	<0.0034U	<0.0032U	<0.0019U	<0.0028U	<0.0028U	<0.0025U	<0.0043U	<0
Main Parking Lot	SSHS-B83	6-10	8/13/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
Main Parking Lot	SSHS-B83	10-14.5	8/13/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
Main Parking Lot	SSHS-B84	2-6	8/14/2014	<0.0028U	<0.0036U	<0.0032U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0042U	<0
Main Parking Lot	SSHS-B84	6-10	8/14/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0038U	<0
Main Parking Lot	SSHS-B84	10-14	8/14/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.0039U	<0
Main Parking Lot	SSHS-B85	2-6	8/13/2014	<0.0031U	<0.004U	<0.0036U	<0.0034U	<0.002U	<0.003U	<0.003U	<0.0027U	<0.0046U	<0
Main Parking Lot	SSHS-B85	6-10	8/13/2014	<0.0028U	<0.0036U	<0.0032U	<0.003U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
Main Parking Lot	SSHS-B85	10-15	8/13/2014	<0.0028U	<0.0037U	<0.0033U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0025U	<0.0042U	<0
Main Parking Lot	SSHS-B86	2-6	8/13/2014	<0.003U	<0.0038U	<0.0034U	<0.0033U	<0.0019U	<0.0028U	<0.0028U	<0.0026U	<0.0044U	<0
Main Parking Lot	SSHS-B86	6-10	8/13/2014	<0.0028U	<0.0035U	<0.0032U	<0.003U	<0.0018U	<0.0026U	<0.0026U	<0.0024U	<0.0041U	<0
Main Parking Lot	SSHS-B86	10-15	8/13/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
Main Parking Lot	SSHS-B87	2-6	8/14/2014	<0.0028U	<0.0036U	<0.0032U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0042U	<0
Main Parking Lot	SSHS-B87	6-10	8/14/2014	<0.0028U	<0.0036U	<0.0032U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
Main Parking Lot	SSHS-B87	10-15	8/14/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
Main Parking Lot	SSHS-B88	2-6	8/13/2014	<0.0029U	<0.0037U	<0.0033U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0025U	<0.0042U	<0

TABLE 10A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
PCB Subsurface Screening Value													10
Protection of Ground Water SCO													3.2
NYS Hazardous Waste													50
Investigation Area	**Location**	**Depth Interval (ft bgs)**	**Sample Date**										
Main Parking Lot	SSHS-B88	6-10	8/13/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
Main Parking Lot	SSHS-B88	10-15	8/13/2014	<0.0028U	<0.0036U	<0.0033U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0025U	<0.0042U	<0
Main Parking Lot	SSHS-B89	2-6	8/13/2014	<0.0029U	<0.0037U	<0.0033U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0025U	<0.0042U	<0
Main Parking Lot	SSHS-B89	6-10	8/13/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
Main Parking Lot	SSHS-B89	10-15	8/13/2014	<0.0028U	<0.0036U	<0.0032U	<0.003U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
Main Parking Lot	SSHS-B90	2-6	8/13/2014	<0.003U	<0.0038U	<0.0034U	<0.0033U	0.033	<0.0028U	<0.012J	<0.0026U	<0.0044U	0.033
Main Parking Lot	SSHS-B90	6-10	8/13/2014	<0.003U	<0.0038U	<0.0035U	<0.0033U	<0.0019U	<0.0029U	<0.0029U	<0.0026U	<0.0044U	<0
Main Parking Lot	SSHS-B90	10-15	8/13/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.0039U	<0
Main Parking Lot	SSHS-B91	2-6	8/13/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
Main Parking Lot	SSHS-B91	6-10	8/13/2014	<0.0026U	<0.0033U	<0.003U	<0.0028U	<0.0016U	<0.0025U	<0.0025U	<0.0022U	<0.0038U	<0
Main Parking Lot	SSHS-B91	10-15	8/13/2014	<0.0028U	<0.0036U	<0.0032U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
Rear Parking Lot	SSHS-B100	4-6	8/15/2014	<0.0029U	<0.0038U	<0.0034U	<0.0032U	0.025	<0.0028U	<0.0028U	<0.0025U	<0.0043U	0.025
Rear Parking Lot	SSHS-B100	6-10	8/15/2014	<0.003U	<0.0038U	<0.0034U	<0.0032U	<0.0019U	<0.0028U	<0.0028U	<0.0026U	<0.0044U	<0
Rear Parking Lot	SSHS-B100	10-13.5	8/15/2014	<0.003U	<0.0038U	<0.0034U	<0.0033U	<0.0019U	<0.0029U	<0.0029U	<0.0026U	<0.0044U	<0
Rear Parking Lot	SSHS-B101	3-6	8/14/2014	<0.003U	<0.0039U	<0.0035U	<0.0033U	<0.0019U	<0.0029U	<0.0029U	<0.0026U	<0.0044U	<0
Rear Parking Lot	SSHS-B101	8-10	8/14/2014	<0.0031U	<0.0039U	<0.0035U	<0.0034U	0.5	<0.0029U	0.043	<0.0026U	<0.0045U	0.543
Rear Parking Lot	SSHS-B101	12-15.5	8/14/2014	<0.0028U	<0.0036U	<0.0033U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0025U	<0.0042U	<0
Rear Parking Lot	SSHS-B102	2-4	8/3/2015	<0.2U	<0.25U	<0.34U	<0.25U	25J	9J	1.3J	<0.2U	<0.36U	35.3
Rear Parking Lot	SSHS-B102	4-6	8/3/2015	<0.037U	<0.045U	<0.063U	<0.046U	5.5J	2.6J	0.28J	<0.037U	<0.067U	8.38
Rear Parking Lot	SSHS-B102	6-8	8/3/2015	<0.004U	<0.0049U	<0.0068U	<0.005U	<0.0049U	<0.0047U	<0.0043U	<0.004U	<0.0073U	<0
Rear Parking Lot	SSHS-B102	8-10	8/3/2015	<0.0039U	<0.0048U	<0.0067U	<0.0049U	4J	2.1J	0.18J	<0.0039U	<0.0071U	6.28
Rear Parking Lot	SSHS-B103	2-4	7/22/2015	<0.19U	<0.23U	<0.32U	<0.24U	270J	95J	12J	<0.19U	<0.34U	377
Rear Parking Lot	SSHS-B103	4-6	7/22/2015	<0.04U	<0.049U	<0.068U	<0.05U	23J	8.7J	1.1J	<0.04U	<0.073U	32.8
Rear Parking Lot	SSHS-B103	6-8	7/22/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.011J	<0.0045U	<0.0042U	<0.0038U	<0.007U	0.011
Rear Parking Lot	SSHS-B104	2-4	7/22/2015	<0.37U	<0.46U	<0.63U	<0.46U	110J	36J	4.8J	<0.37U	<0.68U	150.8
Rear Parking Lot	SSHS-B104	4-6	7/22/2015	<0.039U	<0.048U	<0.066U	<0.049U	33J	14J	2.2J	<0.039U	<0.071U	49.2
Rear Parking Lot	SSHS-B104	6-8	7/22/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.031	<0.0045U	<0.0042U	<0.0038U	<0.007U	0.031
Rear Parking Lot	SSHS-B105	2-4	7/22/2015	<0.81U	<0.99U	<1.4U	<1U	240J	80J	7.9J	<0.8U	<1.5U	327.9
Rear Parking Lot	SSHS-B105	4-6	7/22/2015	<0.039U	<0.048U	<0.066U	<0.048U	15J	5.7J	0.84J	<0.038U	<0.07U	21.54
Rear Parking Lot	SSHS-B105	6-8	7/22/2015	<0.0041U	<0.005U	<0.0069U	<0.0051U	<0.005U	<0.0048U	<0.0044U	<0.004U	<0.0074U	<0
Rear Parking Lot	SSHS-B106	2-4	7/22/2015	<0.77U	<0.95U	<1.3U	<0.96U	170J	53J	6.6J	<0.76U	<1.4U	229.6
Rear Parking Lot	SSHS-B106	4-6	7/22/2015	<0.79U	<0.97U	<1.3U	<0.98U	170J	67J	8.1J	<0.78U	<1.4U	245.1
Rear Parking Lot	SSHS-B106	6-8	7/22/2015	<0.081U	<0.1U	<0.14U	<0.1U	18J	5.1J	0.59J	<0.08U	<0.15U	23.69
Rear Parking Lot	SSHS-B106A	8-10	8/3/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	3.1J	1.3J	0.094J	<0.0037U	<0.0068U	4.494
Rear Parking Lot	SSHS-B107	2-4	7/22/2015	<0.39U	<0.47U	<0.65U	<0.48U	130J	48J	4.9J	<0.38U	<0.7U	182.9
Rear Parking Lot	SSHS-B107	4-6	7/22/2015	<0.004U	<0.0049U	<0.0067U	<0.0049U	3.7J	1.3J	0.2J	<0.0039U	<0.0072U	5.2

TABLE 10A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
PCB Subsurface Screening Value													10
Protection of Ground Water SCO													3.2
NYS Hazardous Waste													50
Investigation Area	**Location**	**Depth Interval (ft bgs)**	**Sample Date**										
Rear Parking Lot	SSHS-B107	6-8	7/22/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.015J	<0.0045U	<0.0042U	<0.0038U	<0.007U	0.015
Rear Parking Lot	SSHS-B108	2-4	7/22/2015	<0.0039U	<0.0048U	<0.0067U	<0.0049U	3.8J	0.99J	0.11J	<0.0039U	<0.0071U	4.9
Rear Parking Lot	SSHS-B108	4-6	7/22/2015	<0.0042U	<0.0051U	<0.007U	<0.0051U	1.6J	0.53J	0.064J	<0.0041U	<0.0075U	2.194
Rear Parking Lot	SSHS-B108	6-8	7/22/2015	<0.0038U	<0.0046U	<0.0064U	<0.0047U	0.28J	0.13J	0.03J	<0.0037U	<0.0068U	0.44
Rear Parking Lot	SSHS-B109	2-4	7/21/2015	<0.074U	<0.091U	<0.12U	<0.091U	30J	13J	1.7J	<0.073U	<0.13U	44.7
Rear Parking Lot	SSHS-B109	4-6	7/21/2015	<0.0039U	<0.0048U	<0.0066U	<0.0049U	1.3J	0.48J	0.059J	<0.0039U	<0.0071U	1.839
Rear Parking Lot	SSHS-B109	6-8	7/21/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	<0.0048U	<0.0045U	<0.0042U	<0.0038U	<0.007U	<0
Rear Parking Lot	SSHS-B110	2-4	7/21/2015	<0.77U	<0.95U	<1.3U	<0.96U	170J	67J	7.6J	<0.76U	<1.4U	244.6
Rear Parking Lot	SSHS-B110	4-6	7/21/2015	<0.081U	<0.099U	<0.14U	<0.1U	75J	26J	3.3J	<0.08U	<0.15U	104.3
Rear Parking Lot	SSHS-B110	6-8	7/21/2015	<0.0043U	<0.0053U	<0.0073U	<0.0054U	0.58J	0.26J	0.052J	<0.0043U	<0.0078U	0.892
Rear Parking Lot	SSHS-B111	2-4	7/21/2015	<0.018U	<0.022U	<0.03U	<0.022U	6.2J	2.1J	0.41J	<0.017U	<0.032U	8.71
Rear Parking Lot	SSHS-B111	4-6	7/21/2015	<0.038U	<0.047U	<0.065U	<0.048U	30J	10J	1.7J	<0.038U	<0.07U	41.7
Rear Parking Lot	SSHS-B111	6-8	7/21/2015	<0.0039U	<0.0048U	<0.0067U	<0.0049U	0.0085J	<0.0046U	<0.0042U	<0.0039U	<0.0071U	0.0085
Rear Parking Lot	SSHS-B112	2-4	7/22/2015	<0.0038U	<0.0046U	<0.0064U	<0.0046U	0.2J	0.084J	0.012J	<0.0037U	<0.0068U	0.296
Rear Parking Lot	SSHS-B112	4-6	7/22/2015	<0.0038U	<0.0046U	<0.0064U	<0.0047U	0.38J	0.19J	0.026J	<0.0037U	<0.0068U	0.596
Rear Parking Lot	SSHS-B112	6-7	7/22/2015	<0.02U	<0.024U	<0.033U	<0.024U	6J	2.4J	0.24J	<0.019U	<0.035U	8.64
Rear Parking Lot	SSHS-B114	2-4	7/31/2015	<0.0038U	<0.0047U	<0.0065U	<0.0047U	0.0062J,p	<0.0045U	<0.0041U	<0.0038U	<0.0069U	0.0062
Rear Parking Lot	SSHS-B115	2-4	7/21/2015	<0.0037U	<0.0045U	<0.0062U	<0.0046U	0.036J	0.019J	<0.0039U	<0.0036U	<0.0067U	0.055
Rear Parking Lot	SSHS-B115	4-6	7/21/2015	<0.0041U	<0.005U	<0.0069U	<0.005U	2.6J	1J	0.12J	<0.004U	<0.0074U	3.72
Rear Parking Lot	SSHS-B115	6-8	7/21/2015	<0.0041U	<0.005U	<0.007U	<0.0051U	0.0058J	<0.0048U	<0.0044U	<0.0041U	<0.0074U	0.0058
Rear Parking Lot	SSHS-B116	2-4	7/20/2015	<0.76U	<0.94U	<1.3U	<0.95U	240J	83J	11J	<0.75U	<1.4U	334
Rear Parking Lot	SSHS-B116	4-6	7/20/2015	<0.0038U	<0.0047U	<0.0065U	<0.0048U	4.5J	1.8J	0.32J	<0.0038U	<0.007U	6.62
Rear Parking Lot	SSHS-B116	6-8	7/20/2015	<0.0039U	<0.0048U	<0.0067U	<0.0049U	0.21J	0.079J	0.014J	<0.0039U	<0.0071U	0.303
Rear Parking Lot	SSHS-B117	2-4	7/20/2015	<0.0037U	<0.0045U	<0.0062U	<0.0045U	0.26J	2.5J	0.35J	<0.0036U	<0.0066U	3.11
Rear Parking Lot	SSHS-B117	4-6	7/20/2015	<0.074U	<0.091U	<0.13U	<0.092U	35J	16J	2.2J	<0.073U	<0.13U	53.2
Rear Parking Lot	SSHS-B117	6-8	7/20/2015	<0.82U	<1U	<1.4U	<1U	190J	99J	13J	<0.81U	<1.5U	302
Rear Parking Lot	SSHS-B117A	8-10	8/3/2015	<0.039U	<0.048U	<0.066U	<0.049U	14J	7.3J	0.84J	<0.039U	<0.071U	22.14
Rear Parking Lot	SSHS-B118	2-4	7/20/2015	<2U	<2.4U	<3.4U	<2.5U	460J	170J	27J	<2U	<3.6U	657
Rear Parking Lot	SSHS-B118	4-6	7/20/2015	<1.9U,F2	<2.4U	<3.3U	<2.4U	360J	130J	19J	<1.9U	<3.5U	509
Rear Parking Lot	SSHS-B118	6-8	7/20/2015	<0.0042U	<0.0051U	<0.0071U	<0.0052U	5.9J	1.8J	0.38J	<0.0041U	<0.0076U	8.08
Rear Parking Lot	SSHS-B119	2-4	7/21/2015	<0.77U	<0.94U	<1.3U	<0.95U	67J	30J	3J	<0.76U	<1.4U	100
Rear Parking Lot	SSHS-B119	4-6	7/21/2015	<0.76U	<0.93U	<1.3U	<0.94U	140J	53J	4.9J	<0.75U	<1.4U	197.9
Rear Parking Lot	SSHS-B119	6-8	7/21/2015	<0.038U	<0.046U	<0.064U	<0.047U	14J	4.8J	0.78J	<0.037U	<0.068U	19.58
Rear Parking Lot	SSHS-B119A	8-10	8/3/2015	<0.043U	<0.052U	<0.072U	<0.053U	11J	3.7J	0.43J	<0.042U	<0.077U	15.13
Rear Parking Lot	SSHS-B120	2-4	7/21/2015	<0.038U	<0.046U	<0.064U	<0.047U	28J	10J	1.5J	<0.037U	<0.068U	39.5
Rear Parking Lot	SSHS-B120	4-6	7/21/2015	<0.038U	<0.046U	<0.064U	<0.047U	19J	5.2J	1J	<0.037U	<0.068U	25.2

TABLE 10A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
PCB Subsurface Screening Value													10
Protection of Ground Water SCO													3.2
NYS Hazardous Waste													50
Investigation Area	**Location**	**Depth Interval (ft bgs)**	**Sample Date**										
Rear Parking Lot	SSHS-B120	6-8	7/21/2015	<0.0039U	<0.0048U	<0.0067U	<0.0049U	0.0091J	0.006J	<0.0042U	<0.0039U	<0.0071U	0.0151
Rear Parking Lot	SSHS-B121	2-4	7/24/2015	<0.38U	<0.47U	<0.64U	<0.47U	90J	34J	3.7J	<0.38U	<0.69U	127.7
Rear Parking Lot	SSHS-B121	4-6	7/24/2015	<0.19U	<0.23U	<0.32U	<0.23U	65J	21J	4.4J	<0.18U	<0.34U	90.4
Rear Parking Lot	SSHS-B121	6-7	7/24/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	0.61J	0.34J	0.085J	<0.0037U	<0.0068U	1.035
Rear Parking Lot	SSHS-B122	2-4	7/22/2015	<0.0038U	<0.0047U	<0.0065U	<0.0047U	2J	0.64J	0.065J	<0.0038U	<0.0069U	2.705
Rear Parking Lot	SSHS-B122	4-6	7/22/2015	<0.019U,F1,F2	<0.023U	<0.032U	<0.023U	5.3J	2J	0.21J	<0.018U	<0.034U	7.51
Rear Parking Lot	SSHS-B122	6-7	7/22/2015	<0.0039U	<0.0047U	<0.0065U	<0.0048U	2.7J	1.1J	0.13J	<0.0038U	<0.007U	3.93
Rear Parking Lot	SSHS-B123	2-4	8/3/2015	<0.0039U	<0.0047U	<0.0065U	<0.0048U	1.6J	0.96J	0.094J	<0.0038U	<0.007U	2.654
Rear Parking Lot	SSHS-B123	4-6	8/3/2015	<0.0039U	<0.0048U	<0.0067U	<0.0049U	0.27J	0.15J	0.017J	<0.0039U	<0.0071U	0.437
Rear Parking Lot	SSHS-B123	6-8	8/3/2015	<0.0038U	<0.0046U	<0.0064U	<0.0047U	<0.0046U	<0.0044U	<0.004U	<0.0037U	<0.0068U	<0
Rear Parking Lot	SSHS-B124	2-4	8/3/2015	<0.04U	<0.049U	<0.067U	<0.049U	7J	3.5J	0.38J	<0.039U	<0.072U	10.88
Rear Parking Lot	SSHS-B124	4-6	8/3/2015	<0.075U	<0.092U	<0.13U	<0.093U	13J	6.5J	0.98J	<0.074U	<0.14U	20.48
Rear Parking Lot	SSHS-B124	6-8	8/3/2015	<0.083U	<0.1U	<0.14U	<0.1U	21J	10J	1.7J	<0.082U	<0.15U	32.7
Rear Parking Lot	SSHS-B124	8-10	8/3/2015	<0.042U	<0.052U	<0.071U	<0.052U	16J	9.1J	0.87J	<0.042U	<0.076U	25.97
Rear Parking Lot	SSHS-B125	2-4	7/31/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	<0.0048U	0.0069J	<0.0042U	<0.0039U	<0.0071U	0.0069
Rear Parking Lot	SSHS-B125	4-6	7/31/2015	<0.004U	<0.0049U	<0.0068U	<0.0049U	0.68J	0.22J	0.039J	<0.0039U	<0.0072U	0.939
Rear Parking Lot	SSHS-B125	6-8	7/31/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	<0.0048U	<0.0045U	<0.0042U	<0.0038U	<0.007U	<0
Rear Parking Lot	SSHS-B126	2-4	7/31/2015	<0.0039U	<0.0047U	<0.0066U	<0.0048U	<0.0047U	<0.0045U	<0.0042U	<0.0038U	<0.007U	<0
Rear Parking Lot	SSHS-B126	4-6	7/31/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.4J	0.14J	0.026J	<0.0038U	<0.007U	0.566
Rear Parking Lot	SSHS-B126	6-8	7/31/2015	<0.0041U	<0.0051U	<0.007U	<0.0051U	<0.0051U	<0.0048U	0.007J	<0.0041U	<0.0075U	0.007
Rear Parking Lot	SSHS-B126	8-10	7/31/2015	<0.0042U	<0.0051U	<0.0071U	<0.0052U	3.6J	1.3J	0.12J	<0.0041U	<0.0075U	5.02
Rear Parking Lot	SSHS-B127	2-4	7/31/2015	<0.074U	<0.091U	<0.13U	<0.092U	23J	9.6J	1.7J	<0.073U	<0.13U	34.3
Rear Parking Lot	SSHS-B127	4-6	7/31/2015	<0.38U	<0.47U	<0.64U	<0.47U	120J	46J	5.8J	<0.38U	<0.69U	171.8
Rear Parking Lot	SSHS-B127	6-8	7/31/2015	<0.004U	<0.005U	<0.0068U	<0.005U	<0.0049U	<0.0047U	<0.0043U	<0.004U	<0.0073U	<0
Rear Parking Lot	SSHS-B129	2-4	7/31/2015	<0.037U	<0.046U	<0.063U	<0.046U	14J	5.6J	1J	<0.037U	<0.067U	20.6
Rear Parking Lot	SSHS-B129	4-6	7/31/2015	<0.019U	<0.023U	<0.032U	<0.023U	13J	4.7J	0.66J	<0.018U	<0.034U	18.36
Rear Parking Lot	SSHS-B129	6-8	7/31/2015	<0.0039U	<0.0048U	<0.0067U	<0.0049U	<0.0048U	<0.0046U	<0.0042U,F2	<0.0039U	<0.0071U	<0
Rear Parking Lot	SSHS-B129	8-10	7/31/2015	<0.038U	<0.047U	<0.065U	<0.048U	11J	3.8J	0.43J	<0.038U	<0.07U	15.23
Rear Parking Lot	SSHS-B130	2-4	7/21/2015	<0.19U	<0.24U	<0.33U	<0.24U	77J	27J	4.1J	<0.19U	<0.35U	108.1
Rear Parking Lot	SSHS-B130	4-6	7/21/2015	<0.039U	<0.048U	<0.066U	<0.049U	27J	7J	1.3J	<0.039U	<0.071U	35.3
Rear Parking Lot	SSHS-B130	6-8	7/21/2015	<0.0038U	<0.0047U	<0.0065U	<0.0048U	0.014J	0.0065J	<0.0041U	<0.0038U	<0.007U	0.0205
Rear Parking Lot	SSHS-B131	2-4	7/24/2015	<0.074U	<0.091U	<0.13U	<0.092U	23J	9.3J	0.98J	<0.073U	<0.13U	33.28
Rear Parking Lot	SSHS-B131	4-6	7/24/2015	<0.0038U,F1	<0.0046U	<0.0064U	<0.0047U	4.3J	2J	0.37J	<0.0037U	<0.0068U	6.67
Rear Parking Lot	SSHS-B131	6-8	7/24/2015	<0.0038U	<0.0047U	<0.0064U	<0.0047U	0.82J	0.34J	0.057J	<0.0038U	<0.0069U	1.217
Rear Parking Lot	SSHS-B132	2-4	7/22/2015	<0.038U	<0.046U	<0.064U	<0.047U	27J	8J	1.4J	<0.037U	<0.068U	36.4
Rear Parking Lot	SSHS-B132	4-6	7/22/2015	<0.037U	<0.046U	<0.063U	<0.046U	21J	7.2J	1.2J	<0.037U	<0.068U	29.4

TABLE 10A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
PCB Subsurface Screening Value													10
Protection of Ground Water SCO													3.2
NYS Hazardous Waste													50
Investigation Area	**Location**	**Depth Interval (ft bgs)**	**Sample Date**										
Rear Parking Lot	SSHS-B132	6-7	7/22/2015	<0.0038U	<0.0047U	<0.0065U	<0.0047U	3.7J	1.5J	0.28J	<0.0038U	<0.0069U	5.48
Rear Parking Lot	SSHS-B133	2-4	8/3/2015	<0.0037U	<0.0045U	<0.0063U	<0.0046U	1.5J	1.2J	0.12J	<0.0037U	<0.0067U	2.82
Rear Parking Lot	SSHS-B133	4-6	8/3/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	2.1J	1.1J	0.14J	<0.0037U	<0.0067U	3.34
Rear Parking Lot	SSHS-B133	6-8	8/3/2015	<0.0038U	<0.0047U	<0.0065U	<0.0048U	<0.0047U	<0.0045U	<0.0041U	<0.0038U	<0.007U	<0
Rear Parking Lot	SSHS-B139	2-4	8/3/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	1.7J	0.87J	0.083J	<0.0037U	<0.0067U	2.653
Rear Parking Lot	SSHS-B139	4-6	8/3/2015	<0.0038U	<0.0046U	<0.0064U	<0.0046U	0.18J	0.057J	0.0064J	<0.0037U	<0.0068U	0.2434
Rear Parking Lot	SSHS-B139	6-8	8/3/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	<0.0045U	<0.0043U	<0.004U	<0.0037U	<0.0067U	<0
Rear Parking Lot	SSHS-B140	2-4	7/31/2015	<0.0038U	<0.0046U	<0.0064U	<0.0047U	<0.0046U	<0.0044U	<0.004U	<0.0037U	<0.0068U	<0
Rear Parking Lot	SSHS-B141	2-4	7/21/2015	<0.0038U	<0.0046U	<0.0064U	<0.0047U	4.7J	2J	0.22J	<0.0037U	<0.0068U	6.92
Rear Parking Lot	SSHS-B141	4-6	7/21/2015	<0.0036U	<0.0044U	<0.0061U	<0.0044U	0.75J	0.33J	0.037J	<0.0035U	<0.0065U	1.117
Rear Parking Lot	SSHS-B141	6-8	7/21/2015	<0.0036U	<0.0045U	<0.0062U	<0.0045U	0.17J	0.066J	0.0068J	<0.0036U	<0.0066U	0.2428
Rear Parking Lot	SSHS-B142	2-4	7/21/2015	<0.037U	<0.045U	<0.063U	<0.046U	10J	4.3J	0.43J	<0.037U	<0.067U	14.73
Rear Parking Lot	SSHS-B142	4-6	7/21/2015	<0.0038U	<0.0047U	<0.0064U	<0.0047U	1.8J	0.71J	0.068J	<0.0038U	<0.0069U	2.578
Rear Parking Lot	SSHS-B142	6-8	7/21/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	0.006J	<0.0043U	<0.004U	<0.0037U	<0.0067U	0.006
Rear Parking Lot	SSHS-B144	2-4	7/21/2015	<0.039U	<0.048U	<0.066U	<0.049U	23J	7.3J	1.5J	<0.039U	<0.071U	31.8
Rear Parking Lot	SSHS-B144	4-6	7/21/2015	<0.037U,F1	<0.045U	<0.063U	<0.046U	6.9J	2.9J	0.32J	<0.036U	<0.067U	10.12
Rear Parking Lot	SSHS-B144	6-8	7/21/2015	<0.0038U	<0.0047U	<0.0064U	<0.0047U	0.023J	0.012J	<0.0041U	<0.0038U	<0.0069U	0.035
Rear Parking Lot	SSHS-B145	2-4	7/24/2015	<0.038U	<0.046U	<0.064U	<0.047U	39J	14J	1.7J	<0.037U	<0.068U	54.7
Rear Parking Lot	SSHS-B145	4-6	7/24/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	0.91J	0.4J	0.05J	<0.0037U	<0.0067U	1.36
Rear Parking Lot	SSHS-B145	6-8	7/24/2015	<0.0036U	<0.0044U	<0.0061U	<0.0045U	4J	1.3J	0.17J	<0.0036U	<0.0065U	5.47
Rear Parking Lot	SSHS-B146	2-4	7/22/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	2.8J	1.2J	0.22J	<0.0037U	<0.0068U	4.22
Rear Parking Lot	SSHS-B146	4-6	7/22/2015	<0.038U	<0.047U	<0.065U	<0.048U	19J	5.6J	1.1J	<0.038U	<0.07U	25.7
Rear Parking Lot	SSHS-B146	6-8	7/22/2015	<0.004U	<0.0049U	<0.0067U	<0.0049U	4.1J	1.8J	0.37J	<0.0039U	<0.0072U	6.27
Rear Parking Lot	SSHS-B147	2-4	7/23/2015	<0.073U	<0.09U	<0.12U	<0.091U	23J	9.4J	0.95J	<0.072U	<0.13U	33.35
Rear Parking Lot	SSHS-B147	4-6	7/23/2015	<0.037U	<0.046U	<0.063U	<0.046U	9.7J	4J	0.45J	<0.037U	<0.068U	14.15
Rear Parking Lot	SSHS-B147	6-8	7/23/2015	<0.004U	<0.005U	<0.0068U	<0.005U	0.38J	0.34J	0.062J	<0.004U	<0.0073U	0.782
Rear Parking Lot	SSHS-B148	2-4	8/3/2015	<0.0038U	<0.0047U	<0.0065U	<0.0047U	0.38J	0.31J	0.082J	<0.0038U	<0.0069U	0.772
Rear Parking Lot	SSHS-B148	4-6	8/3/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.088J	0.085J	0.024J	<0.0038U	<0.007U	0.197
Rear Parking Lot	SSHS-B148	6-8	8/3/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	<0.0048U	<0.0045U	<0.0042U	<0.0038U	<0.007U	<0
Rear Parking Lot	SSHS-B149	2-4	7/21/2015	<0.037U	<0.045U	<0.062U	<0.046U	8.1J	3.2J	0.37J	<0.036U	<0.067U	11.67
Rear Parking Lot	SSHS-B149	4-6	7/21/2015	<0.0036U	<0.0044U	<0.0061U	<0.0044U	2.4J	0.98J	0.12J	<0.0035U	<0.0065U	3.5
Rear Parking Lot	SSHS-B149	6-8	7/21/2015	<0.0038U	<0.0047U	<0.0064U	<0.0047U	<0.0047U	1.2J	0.33J	<0.0038U	<0.0069U	1.53
Rear Parking Lot	SSHS-B156	2-4	8/3/2015	<0.0037U	<0.0045U	<0.0062U	<0.0046U	0.4J	0.31J	0.035J	<0.0036U	<0.0067U	0.745
Rear Parking Lot	SSHS-B157	2-4	7/31/2015	<0.038U	<0.046U	<0.064U	<0.046U	19J	7J	0.98J	<0.037U	<0.068U	26.98
Rear Parking Lot	SSHS-B157	4-6	7/31/2015	<0.0038U	<0.0047U	<0.0065U	<0.0047U	3.7J	1.7J	0.37J	<0.0038U	<0.0069U	5.77
Rear Parking Lot	SSHS-B157	6-8	7/31/2015	<0.0039U	<0.0048U	<0.0066U	<0.0049U	0.13J	0.28J	0.1J	<0.0039U	<0.0071U	0.51

TABLE 10A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
PCB Subsurface Screening Value													10
Protection of Ground Water SCO													3.2
NYS Hazardous Waste													50
Investigation Area	**Location**	**Depth Interval (ft bgs)**	**Sample Date**										
Rear Parking Lot	SSHS-B158	2-4	7/21/2015	<0.18U	<0.23U	<0.31U	<0.23U	26J	8.5J	<0.2U	<0.18U	<0.33U	34.5
Rear Parking Lot	SSHS-B158	4-6	7/21/2015	<0.074U	<0.09U	<0.12U	<0.091U	31J	11J	0.82J	<0.073U	<0.13U	42.82
Rear Parking Lot	SSHS-B158	6-8	7/21/2015	<0.004U	<0.0049U	<0.0067U	<0.0049U	0.52J	0.36J	0.078J	<0.0039U	<0.0072U	0.958
Rear Parking Lot	SSHS-B159	2-4	8/3/2015	<0.073U	<0.09U	<0.12U	<0.091U	32J	14J	1.5J	<0.073U	<0.13U	47.5
Rear Parking Lot	SSHS-B159	4-6	8/3/2015	<0.19U,F1	<0.23U	<0.32U	<0.23U	46J	14J	1.4J	<0.19U	<0.34U	61.4
Rear Parking Lot	SSHS-B159	6-8	8/3/2015	<0.039U	<0.048U	<0.066U	<0.048U	15J	6.2J	0.72J	<0.039U	<0.071U	21.92
Rear Parking Lot	SSHS-B160A	2-4	8/3/2015	<0.074U	<0.09U	<0.12U	<0.091U	19J	6.7J	0.92J	<0.073U	<0.13U	26.62
Rear Parking Lot	SSHS-B160A	4-6	8/3/2015	<0.037U	<0.046U	<0.063U	<0.046U	9.9J	5.1J	0.75J	<0.037U	<0.068U	15.75
Rear Parking Lot	SSHS-B160A	6-8	8/3/2015	<0.036U	<0.044U	<0.061U	<0.045U	9.2J	3.4J	0.47J	<0.036U	<0.065U	13.07
Rear Parking Lot	SSHS-B160A	8-10	8/3/2015	<0.037U	<0.046U	<0.063U	<0.046U	8.1J	3.5J	0.53J	<0.037U	<0.067U	12.13
Rear Parking Lot	SSHS-B161	2-4	8/3/2015	<0.37U	<0.46U	<0.63U	<0.46U	120J	44J	6.1J	<0.37U	<0.67U	170.1
Rear Parking Lot	SSHS-B161	4-6	8/3/2015	<0.038U	<0.047U	<0.064U	<0.047U	5.3J	2.3J	0.24J	<0.038U	<0.069U	7.84
Rear Parking Lot	SSHS-B161	6-8	8/3/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.29J	0.84J	0.14J	<0.0038U	<0.007U	1.27
Rear Parking Lot	SSHS-B162	2-4	8/3/2015	<0.072U	<0.089U	<0.12U	<0.09U	9.9J	3.9J	0.52J	<0.071U	<0.13U	14.32
Rear Parking Lot	SSHS-B162	4-6	8/3/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	2.9J	1.1J	0.12J	<0.0037U	<0.0067U	4.12
Rear Parking Lot	SSHS-B162	6-8	8/3/2015	<0.0038U	<0.0047U	<0.0064U	<0.0047U	1.3J	2.4J	0.45J	<0.0038U	<0.0069U	4.15
Rear Parking Lot	SSHS-B23	1-4	5/9/2000	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	-	-	<0
Rear Parking Lot	SSHS-B23	4-8	5/9/2000	<0.04U	<0.04U	<0.04U	<0.04U	0.35	<0.04U	0.083	-	-	0.433
Rear Parking Lot	SSHS-B23	8-12	5/9/2000	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	-	-	<0
Rear Parking Lot	SSHS-B24	2-2.5	7/11/2000	<0.037U	<0.037U	<0.037U	<0.037U	0.057	<0.037U	<0.037U	-	-	0.057
Rear Parking Lot	SSHS-B24	1-4	5/9/2000	<0.038U	<0.038U	<0.038U	<0.038U	0.7D	<0.038U	0.14	-	-	0.84
Rear Parking Lot	SSHS-B299	2-4	7/24/2015	<0.018U	<0.022U	<0.03U	<0.022U	9.2J	4J	0.82J	<0.018U	<0.032U	14.02
Rear Parking Lot	SSHS-B299	4-6	7/24/2015	<0.0036U	<0.0044U	<0.0061U	<0.0044U	2.4J	1J	0.16J	<0.0035U	<0.0065U	3.56
Rear Parking Lot	SSHS-B299	6-8	7/24/2015	<0.0037U	<0.0045U	<0.0062U	<0.0046U	<0.0045U	<0.0043U	<0.0039U	<0.0036U	<0.0067U	<0
Rear Parking Lot	SSHS-B35	2-4	5/9/2000	<0.04U	<0.04U	<0.04U	<0.04U	0.25	<0.04U	<0.04U	-	-	0.25
Rear Parking Lot	SSHS-B369	2-4	3/7/2016	<0.0087U	<0.014U	<0.0047U	<0.007U	4.9J	2.1J	0.22J	<0.0035U	<0.0059U	7.22
Rear Parking Lot	SSHS-B369	4-6	3/7/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	0.22J	0.086J	0.01J	<0.0034U	<0.0056U	0.316
Rear Parking Lot	SSHS-B370	2-4	3/7/2016	<0.0081U	<0.013U	<0.0044U	<0.0065U	0.85J	0.3J	0.032J	<0.0033U	<0.0055U	1.182
Rear Parking Lot	SSHS-B370	4-6	3/7/2016	<0.0079U	<0.013U	<0.0043U	<0.0064U	0.77J	0.3J	0.029J	<0.0032U	<0.0054U	1.099
Rear Parking Lot	SSHS-B371	2-4	3/8/2016	<0.082U	<0.13U	<0.045U	<0.066U	11J	2.5J	0.53J	<0.033U	<0.056U	14.03
Rear Parking Lot	SSHS-B371	4-6	3/8/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	3.7J	1.3J	0.22J	<0.0034U	<0.0057U	5.22
Rear Parking Lot	SSHS-B371	6-8	3/8/2016	<0.0087U	<0.014U	<0.0047U	<0.007U	3J	4J	1.1J	<0.0035U	<0.0059U	8.1
Rear Parking Lot	SSHS-B371	8-10	3/8/2016	<0.009U	<0.014U	<0.0049U	<0.0072U	4.4J	3.1J	0.75J	<0.0037U	<0.0061U	8.25
Rear Parking Lot	SSHS-B372	2-4	3/8/2016	<0.083U	<0.13U	<0.045U	<0.067U	21J	7.7J	1.1J	<0.034U	<0.056U	29.8
Rear Parking Lot	SSHS-B372	4-6	3/8/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	1.7J	0.57J	0.11J	<0.0034U	<0.0056U	2.38
Rear Parking Lot	SSHS-B373	2-4	3/10/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	1.2J	0.57J	0.14J	<0.0034U	<0.0056U	1.91

TABLE 10A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
PCB Subsurface Screening Value													10
Protection of Ground Water SCO													3.2
NYS Hazardous Waste													50
Investigation Area	**Location**	**Depth Interval (ft bgs)**	**Sample Date**										
Rear Parking Lot	SSHS-B373	4-6	3/10/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	0.22J	0.12J	0.029J	<0.0036U	<0.006U	0.369
Rear Parking Lot	SSHS-B373	6-8	3/10/2016	<0.0093U	<0.015U	<0.0051U	<0.0075U	0.87J	1.3J	0.37J	<0.0038U	<0.0063U	2.54
Rear Parking Lot	SSHS-B373	8-10	3/10/2016	<0.0091U,F2	<0.014U	<0.005U	<0.0074U	0.83J	0.97J	0.28J	<0.0037U	<0.0062U	2.08
Rear Parking Lot	SSHS-B374	2-4	3/10/2016	<0.0079U	<0.012U	<0.0043U	<0.0064U	0.22J	0.12J	0.034J	<0.0032U	<0.0053U	0.374
Rear Parking Lot	SSHS-B374	4-6	3/10/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	0.008J	<0.0066U	<0.0061U	<0.0033U	<0.0055U	0.008
Rear Parking Lot	SSHS-B374	6-8	3/10/2016	<0.0086U	<0.014U	<0.0047U	<0.007U	0.099J	0.1J	0.035J	<0.0035U	<0.0059U	0.234
Rear Parking Lot	SSHS-B375	2-4	3/8/2016	<0.0083U	<0.013U	<0.0046U	<0.0067U	0.046	<0.0067U	<0.0062U	<0.0034U	<0.0056U	0.046
Rear Parking Lot	SSHS-B375	8-10	3/8/2016	<0.0095U	<0.015U	<0.0052U	<0.0077U	0.092J	0.047J	<0.0071U	<0.0039U	<0.0064U	0.139
Rear Parking Lot	SSHS-B376	2-4	3/8/2016	<0.0087U	<0.014U	<0.0048U	<0.007U	0.17J	0.075J	0.02J	<0.0035U	<0.0059U	0.265
Rear Parking Lot	SSHS-B377	8-10	3/8/2016	<0.087U	<0.14U	<0.047U	<0.07U	42J	8.7J	1.9J	<0.035U	<0.059U	52.6
Rear Parking Lot	SSHS-B377	10-12	3/8/2016	<0.0085U	<0.013U	<0.0047U	<0.0069U	0.53J	0.18J	0.034J	<0.0035U	<0.0058U	0.744
Rear Parking Lot	SSHS-B378	2-4	3/8/2016	<0.42U	<0.67U	<0.23U	<0.34U	63J	15J	3.8J	<0.17U	<0.29U	81.8
Rear Parking Lot	SSHS-B378	4-6	3/8/2016	<0.009U	<0.014U	<0.0049U	<0.0073U	1.6J	0.46J	0.1J	<0.0037U	<0.0061U	2.16
Rear Parking Lot	SSHS-B378	8-10	3/8/2016	<0.0086U	<0.014U	<0.0047U	<0.0069U	4.7J	1.2J	0.25J	<0.0035U	<0.0058U	6.15
Rear Parking Lot	SSHS-B379	2-4	3/8/2016	<0.0095U	<0.015U	<0.0052U	<0.0077U	1.6J	0.45J	0.11J	<0.0039U	<0.0065U	2.16
Rear Parking Lot	SSHS-B382	2-4	3/9/2016	<0.0087U	<0.014U	<0.0048U	<0.007U	<0.0044U	<0.007U	<0.0065U	<0.0035U	<0.0059U	<0
Rear Parking Lot	SSHS-B383	2-4	3/10/2016	<0.0092U	<0.014U	<0.005U	<0.0074U	0.023J	0.016J	<0.0069U	<0.0037U	<0.0062U	0.039
Rear Parking Lot	SSHS-B383	4-6	3/10/2016	<0.0091U	<0.014U	<0.005U	<0.0073U	<0.0047U	<0.0073U	<0.0068U	<0.0037U	<0.0062U	<0
Rear Parking Lot	SSHS-B383	8-10	3/10/2016	<0.009U	<0.014U	<0.0049U	<0.0072U	<0.0046U	<0.0072U	<0.0067U	<0.0037U	<0.0061U	<0
Rear Parking Lot	SSHS-B384	2-4	3/8/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	0.9J	0.19J	<0.0066U	<0.0036U	<0.006U	1.09
Rear Parking Lot	SSHS-B384	4-6	3/8/2016	<0.0081U	<0.013U	<0.0044U	<0.0065U	0.16J	0.028J	<0.006U	<0.0033U	<0.0055U	0.188
Rear Parking Lot	SSHS-B385	2-4	3/7/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	4J	1.7J	0.2J	<0.0034U	<0.0056U	5.9
Rear Parking Lot	SSHS-B385	4-6	3/7/2016	<0.0086U	<0.014U	<0.0047U	<0.0069U	1.4J	0.52J	0.059J	<0.0035U	<0.0058U	1.979
Rear Parking Lot	SSHS-B386	2-4	3/8/2016	<0.0085U	<0.013U	<0.0047U	<0.0069U	1J	1.1J	0.29J	<0.0035U	<0.0058U	2.39
Rear Parking Lot	SSHS-B386	4-6	3/8/2016	<0.0086U	<0.014U	<0.0047U	<0.007U	0.3J	0.4J	0.11J	<0.0035U	<0.0059U	0.81
Rear Parking Lot	SSHS-B387	2-4	3/8/2016	<0.0086U	<0.014U	<0.0047U	<0.0069U	0.021	<0.0069U	<0.0064U	<0.0035U	<0.0058U	0.021
Rear Parking Lot	SSHS-B387	4-6	3/8/2016	<0.0087U	<0.014U	<0.0048U	<0.007U	0.58J	0.16J	0.034J	<0.0035U	<0.0059U	0.774
Rear Parking Lot	SSHS-B388	6-8	3/10/2016	<0.0086U	<0.014U	<0.0047U	<0.007U	0.66J	0.42J	0.39J	<0.0035U	<0.0059U	1.47
Rear Parking Lot	SSHS-B389	8-10	3/10/2016	<0.089U	<0.14U	<0.049U	<0.072U	17J	5J	0.79J	<0.036U	<0.061U	22.79
Rear Parking Lot	SSHS-B389	10-12	3/10/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	0.0084J	<0.0071U	<0.0066U	<0.0036U	<0.006U	0.0084
Rear Parking Lot	SSHS-B390	8-10	3/10/2016	<0.043U	<0.069U	<0.024U	<0.035U	9.2J	3.3J	0.57J	<0.018U	<0.029U	13.07
Rear Parking Lot	SSHS-B391	8-10	3/10/2016	<0.0087U	<0.014U	<0.0048U	<0.007U	1.2J	0.38J	0.062J	<0.0035U	<0.0059U	1.642
Rear Parking Lot	SSHS-B392	8-10	3/10/2016	<0.0087U	<0.014U	<0.0048U	<0.007U	1J	0.34J	0.055J	<0.0035U	<0.0059U	1.395
Rear Parking Lot	SSHS-B393	8-10	3/10/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	1.9J	0.58J	0.13J	<0.0033U	<0.0056U	2.61
Rear Parking Lot	SSHS-B394	2-4	3/8/2016	<0.0086U,F2	<0.014U	<0.0047U	<0.0069U	1.1J	0.32J	0.074J	<0.0035U	<0.0058U	1.494
Rear Parking Lot	SSHS-B394	4-6	3/8/2016	<0.0086U	<0.014U	<0.0047U	<0.0069U	3.4J	0.72J	0.14J	<0.0035U	<0.0058U	4.26

TABLE 10A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
PCB Subsurface Screening Value													10
Protection of Ground Water SCO													3.2
NYS Hazardous Waste													50
Investigation Area	**Location**	**Depth Interval (ft bgs)**	**Sample Date**										
Rear Parking Lot	SSHS-B394	8-10	3/8/2016	<0.0085U	<0.013U	<0.0047U	<0.0069U	2.5J	0.54J	0.085J	<0.0035U	<0.0058U	3.125
Rear Parking Lot	SSHS-B395	8-10	3/10/2016	<0.0087U	<0.014U	<0.0048U	<0.007U	2J	0.69J	0.14J	<0.0035U	<0.0059U	2.83
Rear Parking Lot	SSHS-B396	8-10	3/10/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	0.25J	0.095J	0.017J	<0.0036U	<0.006U	0.362
Rear Parking Lot	SSHS-B520	2-4	9/22/2016	<0.009U	<0.014U	<0.0049U	<0.0072U	0.037J	0.0086J	<0.0067U	<0.0037U	<0.0061U	0.0456
Rear Parking Lot	SSHS-B520	4-6	9/22/2016	<0.0086U	<0.014U	<0.0047U	<0.0069U	0.78J	0.2J	0.027J	<0.0035U	<0.0058U	1.007
Rear Parking Lot	SSHS-B520	6-8	9/22/2016	<0.0086U	<0.014U	<0.0047U	<0.0069U	<0.0044U	<0.0069U	<0.0064U	<0.0035U	<0.0058U	0
Rear Parking Lot	SSHS-B520	8-10	9/22/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	0.5J	0.14J	0.018J	<0.0036U	<0.0059U	0.658
Rear Parking Lot	SSHS-B525	2-4	9/16/2016	<0.008U	<0.013U	<0.0044U	<0.0065U	1.6J	0.98J	0.33J	<0.0033U	<0.0054U	2.91
Rear Parking Lot	SSHS-B526	2-4	9/16/2016	<0.42U	<0.67U	<0.23U	<0.34U	94J	34J	6.5J	<0.17U	<0.29U	134.5
Rear Parking Lot	SSHS-B527	2-4	9/16/2016	<0.43U	<0.67U	<0.23U	<0.34U	130J	42J	6.9J	<0.17U	<0.29U	178.9
Rear Parking Lot	SSHS-B528	2-4	9/16/2016	<0.42U	<0.67U	<0.23U	<0.34U	70J	23J	4J	<0.17U	<0.29U	97
Rear Parking Lot	SSHS-B530	2-4	9/22/2016	<0.0083U	<0.013U	<0.0046U	<0.0067U	0.43J	0.21J	0.035J	<0.0034U	<0.0056U	0.675
Rear Parking Lot	SSHS-B532	2-4	9/22/2016	<0.0086U	<0.014U	<0.0047U	<0.007U	2.3J	0.82J	0.11J	<0.0035U	<0.0059U	3.23
Rear Parking Lot	SSHS-B532	4-6	9/22/2016	<0.0086U,F2	<0.014U	<0.0047U	<0.007U	0.37J	0.14J	0.02J	<0.0035U	<0.0059U	0.53
Rear Parking Lot	SSHS-B532	6-8	9/22/2016	<0.009U	<0.014U	<0.0049U	<0.0073U	<0.0046U	<0.0073U	<0.0067U	<0.0037U	<0.0061U	0
Rear Parking Lot	SSHS-B532	8-10	9/22/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	0.19J	0.071J	<0.0066U	<0.0036U	<0.006U	0.261
Rear Parking Lot	SSHS-B533	8-10	9/22/2016	<0.0085U	<0.013U	<0.0047U	<0.0069U	2.3J	0.74J	0.1J	<0.0035U	<0.0058U	3.14
Rear Parking Lot	SSHS-B534	4-6	9/22/2016	<0.04U	<0.063U	<0.022U	<0.032U	8.8J	2.4J	0.32J	<0.016U	<0.027U	11.52
Rear Parking Lot	SSHS-B534	8-10	9/22/2016	<0.0079U	<0.012U	<0.0043U	<0.0064U	4.6J	1.2J	0.17J	<0.0032U	<0.0054U	5.97
Rear Parking Lot	SSHS-B535	8-10	9/22/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	0.35J	0.11J	0.014J	<0.0034U	<0.0056U	0.474
Rear Parking Lot	SSHS-B536	4-6	9/21/2016	<0.0086U	<0.014U	<0.0047U	<0.0069U	1.4J	0.46J	0.059J	<0.0035U	<0.0058U	1.919
Rear Parking Lot	SSHS-B536	6-8	9/21/2016	<0.0085U	<0.013U	<0.0047U	<0.0069U	0.19J	0.088J	0.019J	<0.0035U	<0.0058U	0.297
Rear Parking Lot	SSHS-B536	8-10	9/21/2016	<0.0092U	<0.015U	<0.005U	<0.0074U	1.2J	0.58J	0.11J	<0.0038U	<0.0062U	1.89
Rear Parking Lot	SSHS-B537	8-10	9/22/2016	<0.088U	<0.14U	<0.048U	<0.071U	17J	6.8J	0.9J	<0.036U	<0.06U	24.7
Rear Parking Lot	SSHS-B537	10-12	9/22/2016	<0.0087U	<0.014U	<0.0048U	<0.007U	<0.019U	<0.007U	<0.0065U	<0.0036U	<0.0059U	0
Rear Parking Lot	SSHS-B538	8-10	9/21/2016	<0.0089U,F2	<0.014U	<0.0048U	<0.0071U	3.9J	1.5J	0.17J	<0.0036U	<0.006U	5.57
Rear Parking Lot	SSHS-B538	10-12	9/21/2016	<0.0091U	<0.014U	<0.005U	<0.0073U	<0.0047U	<0.0073U	<0.0068U	<0.0037U	<0.0062U	0
Rear Parking Lot	SSHS-B539	6-8	9/21/2016	<0.0089U	<0.014U	<0.0049U	<0.0072U	3.3J	1.2J	0.16J	<0.0036U	<0.006U	4.66
Rear Parking Lot	SSHS-B540	8-10	9/22/2016	<0.0083U	<0.013U	<0.0046U	<0.0067U	1.3J	0.49J	0.074J	<0.0034U	<0.0056U	1.864
Rear Parking Lot	SSHS-B541	8-10	9/21/2016	<0.01U	<0.016U	<0.0055U	<0.0081U	1.9J	0.57J	0.069J	<0.0041U	<0.0068U	2.539
Rear Parking Lot	SSHS-B542	8-10	9/22/2016	<0.0083U	<0.013U	<0.0046U	<0.0067U	1.6J	0.44J	0.072J	<0.0034U	<0.0057U	2.112
Rear Parking Lot	SSHS-B542	10-12	9/22/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	<0.0043U	<0.0068U	<0.0063U	<0.0034U	<0.0057U	0
Rear Parking Lot	SSHS-B543	8-10	9/21/2016	<0.046U	<0.072U	<0.025U	<0.037U	8J	2.5J	0.42J	<0.019U	<0.031U	10.92
Rear Parking Lot	SSHS-B543	10-12	9/21/2016	<0.0095U	<0.015U	<0.0052U	<0.0077U	<0.0049U	<0.0077U	<0.0071U	<0.0039U	<0.0065U	0
Rear Parking Lot	SSHS-B544	4-6	9/22/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.22J	0.09J	0.015J	<0.0034U	<0.0057U	0.325
Rear Parking Lot	SSHS-B544	8-10	9/22/2016	<0.0087U	<0.014U	<0.0048U	<0.007U	0.089J	0.031J	<0.0065U	<0.0035U	<0.0059U	0.12

TABLE 10A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
PCB Subsurface Screening Value													10
Protection of Ground Water SCO													3.2
NYS Hazardous Waste													50
Investigation Area	**Location**	**Depth Interval (ft bgs)**	**Sample Date**										
Rear Parking Lot	SSHS-B545	8-10	9/22/2016	<0.009U	<0.014U	<0.0049U	<0.0073U	0.11J	<0.0073U	<0.0067U	<0.0037U	<0.0061U	0.11
Rear Parking Lot	SSHS-B545	10-12	9/22/2016	<0.0086U	<0.013U	<0.0047U	<0.0069U	<0.0044U	<0.0069U	<0.0064U	<0.0035U	<0.0058U	0
Rear Parking Lot	SSHS-B546	6-8	9/21/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	0.12J	0.019J	<0.0062U	<0.0034U	<0.0056U	0.139
Rear Parking Lot	SSHS-B547	6-8	9/21/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	<0.0045U	<0.0071U	<0.0066U	<0.0036U	<0.006U	0
Rear Parking Lot	SSHS-B548	6-8	9/21/2016	<0.092U	<0.14U	<0.05U	<0.074U	26J	10J	1.5J	<0.037U	<0.062U	37.5
Rear Parking Lot	SSHS-B549	6-8	9/21/2016	<0.0086U	<0.014U	<0.0047U	<0.007U	0.3J	0.13J	0.023J	<0.0035U	<0.0059U	0.453
Rear Parking Lot	SSHS-B550	6-8	9/22/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	<0.0043 - 2.3J	<0.0068 - 0.66J	<0.0063 - 0.077J	<0.0034U	<0.0057U	0 - 3.037
Rear Parking Lot	SSHS-B550	8-10	9/22/2016	<0.0095U	<0.015U	<0.0052U	<0.0076U	0.64J	0.16J	0.022J	<0.0039U	<0.0064U	0.822
Rear Parking Lot	SSHS-B551	4-6	9/21/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.17J	0.14J	0.029J	<0.0034U	<0.0057U	0.339
Rear Parking Lot	SSHS-B552	4-6	9/21/2016	<0.17U	<0.28U	<0.095U	<0.14U	53J	14J	1.8J	<0.071U	<0.12U	68.8
Rear Parking Lot	SSHS-B552	6-8	9/21/2016	<0.009U	<0.014U	<0.0049U	<0.0072U	0.83J	0.34J	0.06J	<0.0037U	<0.0061U	1.23
Rear Parking Lot	SSHS-B552	8-10	9/21/2016	<0.0094U	<0.015U	<0.0052U	<0.0076U	1.1J	0.34J	0.054J	<0.0038U	<0.0064U	1.494
Rear Parking Lot	SSHS-B553	4-6	9/21/2016	<0.043U	<0.068U	<0.024U	<0.035U	7.2J	2.5J	0.43J	<0.018U	<0.029U	10.13
Rear Parking Lot	SSHS-B554	2-4	9/16/2016	<0.0094U	<0.015U	<0.0051U	<0.0076U	0.18J	0.16J	0.079J	<0.0038U	<0.0064U	0.419
Rear Parking Lot	SSHS-B555	2-4	9/16/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.59J	0.22J	0.035J	<0.0034U	<0.0057U	0.845
Rear Parking Lot	SSHS-B555	4-6	9/16/2016	<0.0087U	<0.014U	<0.0047U	<0.007U	0.08J	0.029J	<0.0065U	<0.0035U	<0.0059U	0.109
Rear Parking Lot	SSHS-B555	6-8	9/16/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	0.011J	<0.0071U	<0.0066U	<0.0036U	<0.006U	0.011
Rear Parking Lot	SSHS-B555	8-10	9/16/2016	<0.0086U	<0.013U	<0.0047U	<0.0069U	0.024	<0.0069U	<0.0064U	<0.0035U	<0.0058U	0.024
Rear Parking Lot	SSHS-B555	10-12	9/16/2016	<0.0089U	<0.014U	<0.0048U	<0.0071U	0.0092J	<0.0071U	<0.0066U	<0.0036U	<0.006U	0.0092
Rear Parking Lot	SSHS-B555	12-14	9/16/2016	<0.0095U	<0.015U	<0.0052U	<0.0076U	0.053J	0.017J	<0.0071U	<0.0039U	<0.0064U	0.07
Rear Parking Lot	SSHS-B556	2-4	9/16/2016	<0.0087U	<0.014U	<0.0047U	<0.007U	<0.0044U	0.059J	0.028J	<0.0035U	<0.0059U	0.087
Rear Parking Lot	SSHS-B556	4-6	9/16/2016	<0.009U	<0.014U	<0.0049U	<0.0073U	0.016J	<0.0073U	<0.0067U	<0.0037U	<0.0061U	0.016
Rear Parking Lot	SSHS-B556	6-8	9/16/2016	<0.0087U	<0.014U	<0.0048U	<0.007U	0.31J	0.14J	0.04J	<0.0035U	<0.0059U	0.49
Rear Parking Lot	SSHS-B556	8-10	9/23/2016	<0.0093U	<0.015U	<0.0051U	<0.0075U	0.35J	0.15J	0.055J	<0.0038U	<0.0063U	0.555
Rear Parking Lot	SSHS-B556	10-12	9/23/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.18J	0.077J	0.028J	<0.0034U	<0.0057U	0.285
Rear Parking Lot	SSHS-B556	12-14	9/16/2016	<0.0091U	<0.014U	<0.005U	<0.0074U	1.3J	0.47J	0.067J	<0.0037U	<0.0062U	1.837
Rear Parking Lot	SSHS-B557	2-4	9/7/2016	<0.001U	<0.0016U	<0.00056U	<0.00083U	0.28J	0.25J	0.055J	<0.00042U	<0.00069U	0.585
Rear Parking Lot	SSHS-B557	4-6	9/7/2016	<0.001U	<0.0016U	<0.00056U	<0.00083U	0.25J	0.17J	0.028J	<0.00042U	<0.0007U	0.448
Rear Parking Lot	SSHS-B557	6-8	9/7/2016	<0.00022U,F2,F1	<0.00034U	<0.00012U	<0.00018U	<0.00011U	<0.00018U	<0.00016U,F2,F1	<0.000089U	<0.00015U	0
Rear Parking Lot	SSHS-B557	8-10	9/7/2016	<0.001U	<0.0016U	<0.00056U	<0.00083U	0.28J	0.22J	0.11J	<0.00042U	<0.0007U	0.61
Rear Parking Lot	SSHS-B557	10-12	9/7/2016	<0.00022U	<0.00035U	<0.00012U	<0.00018U	0.00024J	<0.00018U	<0.00016U	<0.000089U	<0.00015U	0.00024
Rear Parking Lot	SSHS-B557	12-14	9/7/2016	<0.00021U	<0.00034U	<0.00012U	<0.00017U	0.0098J	0.0073J	0.0015J	<0.000087U	<0.00014U	0.0186
Rear Parking Lot	SSHS-B558	2-4	9/7/2016	<0.00021U	<0.00033U	<0.00011U	<0.00017U	0.00021J	<0.00017U	<0.00016U	<0.000085U	<0.00014U	0.00021
Rear Parking Lot	SSHS-B558	4-6	9/7/2016	<0.00021U	<0.00033U	<0.00011U	<0.00017U	0.07J	0.036J	0.0057J	<0.000085U	<0.00014U	0.1117
Rear Parking Lot	SSHS-B558	6-8	9/7/2016	<0.00022U	<0.00034U	<0.00012U	<0.00017U	0.0014J	0.0012J	0.00045J	<0.000088U	<0.00015U	0.00305
Rear Parking Lot	SSHS-B558	8-10	9/7/2016	<0.0022U	<0.0034U	<0.0012U	<0.0018U	0.18J	0.092J	0.014J	<0.00089U	<0.0015U	0.286

TABLE 10A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
PCB Subsurface Screening Value													10
Protection of Ground Water SCO													3.2
NYS Hazardous Waste													50
Investigation Area	**Location**	**Depth Interval (ft bgs)**	**Sample Date**										
Rear Parking Lot	SSHS-B558	10-12	9/7/2016	<0.00021U	<0.00034U	<0.00012U	<0.00017U	0.00027J	0.00024J	0.00018J	<0.000088U	<0.00015U	0.00069
Rear Parking Lot	SSHS-B559	2-4	9/7/2016	<0.0021U	<0.0032U	<0.0011U	<0.0017U	0.049J	0.031J	0.0064J	<0.00084U	<0.0014U	0.0864
Rear Parking Lot	SSHS-B559	4-6	9/7/2016	<0.002U	<0.0032U	<0.0011U	<0.0016U	0.64J	0.4J	0.057J	<0.00083U	<0.0014U	1.097
Rear Parking Lot	SSHS-B559	6-8	9/7/2016	<0.00021U	<0.00034U	<0.00012U	<0.00017U	<0.00011U	<0.00017U	<0.00016U	<0.000087U	<0.00014U	0
Rear Parking Lot	SSHS-B559	8-10	9/7/2016	<0.001U	<0.0016U	<0.00055U	<0.00081U	0.26J	0.15J	0.024J	<0.00041U	<0.00068U	0.434
Rear Parking Lot	SSHS-B559	10-12	9/7/2016	<0.00023U	<0.00036U	<0.00012U	<0.00018U	0.053J	0.037J	0.0072J	<0.000092U	<0.00015U	0.0972
Rear Parking Lot	SSHS-B560	2-4	9/7/2016	<0.001U	<0.0016U	<0.00055U	<0.00081U	0.18J	0.12J	0.033J	<0.00041U	<0.00068U	0.333
Rear Parking Lot	SSHS-B560	4-6	9/7/2016	<0.0021U	<0.0033U	<0.0011U	<0.0017U	0.39J	0.26J	0.046J	<0.00086U	<0.0014U	0.696
Rear Parking Lot	SSHS-B560	6-8	9/7/2016	<0.00021U	<0.00033U	<0.00012U	<0.00017U	0.0046J	0.0036J	0.00045J	<0.000087U	<0.00014U	0.00865
Rear Parking Lot	SSHS-B560	8-10	9/7/2016	<0.002U	<0.0032U	<0.0011U	<0.0016U	0.49J	0.35J	0.066J	<0.00083U	<0.0014U	0.906
Rear Parking Lot	SSHS-B560	10-12	9/7/2016	<0.00022U	<0.00035U	<0.00012U	<0.00018U	<0.00011U	0.00025J	<0.00016U	<0.00009U	<0.00015U	0.00025
Rear Parking Lot	SSHS-B64	4-6	8/14/2014	<0.0029U	<0.0037U	<0.0033U	<0.0031U	0.051	<0.0027U	<0.0027U	<0.0025U	<0.0042U	0.051
Rear Parking Lot	SSHS-B64	6-9	8/14/2014	<0.0029U	<0.0037U	<0.0033U	<0.0032U	0.13	<0.0028U	<0.0028U	<0.0025U	<0.0043U	0.13
Rear Parking Lot	SSHS-B64	10-12	8/14/2014	<0.0029U	<0.0037U	<0.0033U	<0.0032U	<0.0018U	<0.0028U	<0.0028U	<0.0025U	<0.0042U	<0
Rear Parking Lot	SSHS-B65	4-6	8/14/2014	<0.14U	<0.18U	<0.16U	<0.15U	71	<0.13U	5.4	<0.12U	<0.2U	76.4
Rear Parking Lot	SSHS-B65	8-10	8/14/2014	<0.0031U	<0.004U	<0.0036U	<0.0034U	2	<0.003U	0.17	<0.0027U	<0.0046U	2.17
Rear Parking Lot	SSHS-B65	10-12	8/14/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
Rear Parking Lot	SSHS-B66	2-4	8/14/2014	<0.054U	<0.07U	<0.063U	<0.06U	26	<0.052U	1.2	<0.047U	<0.08U	27.2
Rear Parking Lot	SSHS-B66	6-8	8/14/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	0.91	<0.0025U	0.083J	<0.0023U	<0.0038U	0.993
Rear Parking Lot	SSHS-B67	2-6	8/14/2014	<0.59U	<0.75U	<0.68U	<0.64U	160	<0.56U	8.3	<0.51U	<0.86U	168.3
Rear Parking Lot	SSHS-B67	8-10	8/14/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	0.5	<0.0026U	0.022	<0.0023U	<0.004U	0.522
Rear Parking Lot	SSHS-B67	10-12	8/14/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	0.065	<0.0025U	<0.0025U	<0.0023U	<0.0039U	0.065
Rear Parking Lot	SSHS-B68	2-6	8/14/2014	<0.13U	<0.17U	<0.16U	<0.15U	60	<0.13U	3	<0.12U	<0.2U	63
Rear Parking Lot	SSHS-B68	6-8	8/14/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	0.49	<0.0026U	0.1	<0.0023U	<0.004U	0.59
Rear Parking Lot	SSHS-B69	2-4	8/14/2014	<0.59U	<0.75U	<0.68U	<0.64U	390	<0.56U	18	<0.51U	<0.87U	408
Rear Parking Lot	SSHS-B69	4-6	8/14/2014	<0.14U	<0.17U	<0.16U	<0.15U	48	<0.13U	2.2	<0.12U	<0.2U	50.2
Rear Parking Lot	SSHS-MW42	5-6	3/1/2016	<0.0091U	<0.014U	<0.005U	<0.0074U	<0.0047U	<0.0074U	<0.0068U	<0.0037U	<0.0062U	<0
Rear Parking Lot	SSHS-MW42	10-11	3/1/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	0.034J	0.021J	0.0086J	<0.0034U	<0.0056U	0.0636
Rear Parking Lot	SSHS-MW43	5-6	3/1/2016	<0.0086U	<0.014U	<0.0047U	<0.0069U	<0.0044U	<0.0069U	<0.0064U	<0.0035U	<0.0058U	<0
Rear Parking Lot	SSHS-MW43	6-7	3/1/2016	<0.0086U	<0.014U	<0.0047U	<0.0069U	0.011J	<0.0069U	<0.0064U	<0.0035U	<0.0058U	0.011
Rear Parking Lot	SSHS-MW46	2-4	8/30/2016	<0.0092U	<0.014U	<0.005U	<0.0074U	0.022	<0.0074U	<0.0069U	<0.0037U	<0.0062U	0.022
Rear Parking Lot	SSHS-MW46	4-6	8/30/2016	<0.47U	<0.73U	<0.25U	<0.38U	69J	25J	4J	<0.19U	<0.32U	98
Rear Parking Lot	SSHS-MW46	6-8	8/30/2016	<0.0087U	<0.014U	<0.0048U	<0.007U	<0.0045U	<0.007U	<0.0065U	<0.0036U	<0.0059U	0
Rear Parking Lot	SSHS-MW46	8-10	8/30/2016	<0.0095U	<0.015U	<0.0052U	<0.0076U	<0.0048U	<0.0076U	<0.0071U	<0.0039U	<0.0064U	0
Rear Parking Lot	SSHS-MW46	10-12	8/30/2016	<0.048U	<0.075U	<0.026U	<0.038U	8.9J	3.3J	0.49J	<0.019U	<0.032U	12.69
Rear Parking Lot	SSHS-MW46	12-14	8/30/2016	<0.0095U	<0.015U	<0.0052U	<0.0077U	0.019J	<0.0077U	<0.0071U	<0.0039U	<0.0064U	0.019

TABLE 10A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
PCB Subsurface Screening Value													10
Protection of Ground Water SCO													3.2
NYS Hazardous Waste													50
Investigation Area	**Location**	**Depth Interval (ft bgs)**	**Sample Date**										
South Athletic Field	SSHS-B259	2-4	7/29/2015	<0.08U	<0.098U	<0.13U	<0.099U	35J	7.7J	1.4J	<0.079U	<0.14U	44.1
South Athletic Field	SSHS-B260	2-4	7/29/2015	<0.19U	<0.23U	<0.32U	<0.23U	44J	17J	1.9J	<0.18U	<0.34U	62.9
South Athletic Field	SSHS-B260	4-6	7/29/2015	<0.38U	<0.47U	<0.65U	<0.47U	83J	12J	3.8J	<0.38U	<0.69U	98.8
South Athletic Field	SSHS-B260	6-8	7/29/2015	<0.81U	<0.99U	<1.4U	<1U	1000J	130J	37J	<0.8U	<1.5U	1167
South Athletic Field	SSHS-B261	2-4	7/17/2015	<0.038U	<0.046U	<0.064U	<0.047U	23J	9.3J	1.3J	<0.037U	<0.068U	33.6
South Athletic Field	SSHS-B261	4-6	7/17/2015	<0.004U	<0.0049U	<0.0067U	<0.0049U	3.6J	1.3J	0.19J	<0.0039U	<0.0072U	5.09
South Athletic Field	SSHS-B261	6-8	7/17/2015	<0.0039U	<0.0048U	<0.0066U	<0.0049U	<0.0048U	<0.0046U	<0.0042U	<0.0039U	<0.0071U	<0
South Athletic Field	SSHS-B262	2-4	7/29/2015	<0.079U	<0.097U	<0.13U	<0.098U	18J	2.1J	0.54J	<0.078U	<0.14U	20.64
South Athletic Field	SSHS-B262	4-6	7/29/2015	<0.0039U	<0.0048U	<0.0067U	<0.0049U	2.6J	1J	0.079J	<0.0039U	<0.0071U	3.679
South Athletic Field	SSHS-B262	6-8	7/29/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	0.016J	0.0077J	<0.004U	<0.0037U	<0.0067U	0.0237
South Athletic Field	SSHS-B264	2-3	7/17/2015	<0.036U	<0.044U	<0.061U	<0.045U	15J	7.3J	0.85J	<0.036U	<0.065U	23.15
South Athletic Field	SSHS-B265	2-4	7/17/2015	<0.037U	<0.046U	<0.063U	<0.046U	23J	8.2J	1.1J	<0.037U	<0.067U	32.3
South Athletic Field	SSHS-B265	4-6	7/17/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	1.5J	0.48J	0.057J	<0.0038U	<0.007U	2.037
South Athletic Field	SSHS-B265	6-8	7/17/2015	<0.004U	<0.0049U	<0.0068U	<0.005U	<0.0049U	<0.0047U	<0.0043U	<0.004U	<0.0073U	<0
South Athletic Field	SSHS-B266	2-4	7/17/2015	<0.02U	<0.025U	<0.034U	<0.025U	8.5J	3.1J	0.32J	<0.02U	<0.037U	11.92
South Athletic Field	SSHS-B266	4-6	7/17/2015	<0.18U	<0.23U	<0.31U	<0.23U	44J	18J	2.7J	<0.18U	<0.33U	64.7
South Athletic Field	SSHS-B266	6-8	7/17/2015	<0.39U	<0.47U	<0.65U	<0.48U	170J	66J	11J	<0.38U	<0.7U	247
South Athletic Field	SSHS-B266A	8-10	7/29/2015	<0.039U	<0.048U	<0.066U	<0.048U	20J	4.7J	1J	<0.038U	<0.07U	25.7
South Athletic Field	SSHS-B268	2-4	7/29/2015	<0.037U	<0.045U	<0.063U	<0.046U	10J	1.1J	0.45J	<0.036U	<0.067U	11.55
South Athletic Field	SSHS-B268	4-6	7/29/2015	<0.004U	<0.0048U	<0.0067U	<0.0049U	0.63J	0.28J	0.032J	<0.0039U	<0.0072U	0.942
South Athletic Field	SSHS-B268	6-8	7/29/2015	<0.0039U	<0.0047U	<0.0065U	<0.0048U	<0.0047U	<0.0045U	<0.0041U	<0.0038U	<0.007U	<0
South Athletic Field	SSHS-B269	2-3	7/17/2015	<0.019U	<0.023U	<0.031U	<0.023U	7.3J	3.3J	0.57J	<0.018U	<0.033U	11.17
South Athletic Field	SSHS-B270	2-4	7/17/2015	<0.037U	<0.045U	<0.062U	<0.046U	22J	9.8J	1J	<0.036U	<0.067U	32.8
South Athletic Field	SSHS-B270	4-5	7/17/2015	<0.038U	<0.046U	<0.064U	<0.047U	14J	5.8J	0.68J	<0.037U	<0.068U	20.48
South Athletic Field	SSHS-B271	2-4	7/17/2015	<0.0038U	<0.0047U	<0.0065U	<0.0047U	4.7J	1.8J	0.28J	<0.0038U	<0.0069U	6.78
South Athletic Field	SSHS-B271	4-6	7/17/2015	<0.038U	<0.047U	<0.064U	<0.047U	42J	14J	2.1J	<0.037U	<0.069U	58.1
South Athletic Field	SSHS-B271	6-8	7/17/2015	<0.0038U	<0.0046U	<0.0064U	<0.0046U	5.9J	2.5J	0.43J	<0.0037U	<0.0068U	8.83
South Athletic Field	SSHS-B273	2-4	7/29/2015	<7.5U	<9.2U	<13U	<9.3U	600J	200J	62J	<7.4U	<14U	862
South Athletic Field	SSHS-B273	4-6	7/29/2015	<0.075U	<0.092U	<0.13U	<0.093U	18J	6.4J	1.3J	<0.074U	<0.14U	25.7
South Athletic Field	SSHS-B273	6-8	7/29/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.084J	0.099J	<0.019U	<0.0039U	<0.0071U	0.183
South Athletic Field	SSHS-B274	2-4	7/29/2015	<0.38U	<0.47U	<0.64U	<0.47U	78J	27J	3.5J	<0.37U	<0.69U	108.5
South Athletic Field	SSHS-B274	4-6	7/29/2015	<0.039U	<0.048U	<0.066U	<0.048U	8.9J	1.5J	0.83J	<0.039U	<0.071U	11.23
South Athletic Field	SSHS-B274	6-8	7/29/2015	<0.0038U	<0.0047U	<0.0065U	<0.0048U	<0.0047U	<0.0045U	0.0076J	<0.0038U	<0.0069U	0.0076
South Athletic Field	SSHS-B275	2-4	7/17/2015	<0.039U	<0.047U	<0.065U	<0.048U	55J	22J	2.9J	<0.038U	<0.07U	79.9
South Athletic Field	SSHS-B275	4-5.5	7/17/2015	<0.36U	<0.44U	<0.61U	<0.45U	120J	43J	5.7J	<0.35U	<0.65U	168.7
South Athletic Field	SSHS-B276	2-4	7/29/2015	<0.039U	<0.047U	<0.066U	<0.048U	16J	3.2J	0.59J	<0.038U	<0.07U	19.79

TABLE 10A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
PCB Subsurface Screening Value													10
Protection of Ground Water SCO													3.2
NYS Hazardous Waste													50
Investigation Area	**Location**	**Depth Interval (ft bgs)**	**Sample Date**										
South Athletic Field	SSHS-B276	4-6	7/29/2015	<0.2U	<0.24U	<0.34U	<0.25U	65J	7.4J	2.4J	<0.2U	<0.36U	74.8
South Athletic Field	SSHS-B276	6-8	7/29/2015	<0.19U	<0.24U	<0.33U	<0.24U	62J	9.4J	2.2J	<0.19U	<0.35U	73.6
South Athletic Field	SSHS-B277	2-4	7/29/2015	<0.0038U	<0.0046U	<0.0064U	<0.0047U	0.63J	0.15J	0.054J	<0.0037U	<0.0068U	0.834
South Athletic Field	SSHS-B277	4-6	7/29/2015	<0.0038U	<0.0047U	<0.0065U	<0.0047U	4.4J	1.3J	0.19J	<0.0038U	<0.0069U	5.89
South Athletic Field	SSHS-B277	6-8	7/29/2015	<0.075U	<0.092U	<0.13U	<0.093U	16J	3.5J	2.2J	<0.074U	<0.14U	21.7
South Athletic Field	SSHS-B278	2-4	7/16/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	2.3J	1.2J	0.14J	<0.0037U	<0.0068U	3.64
South Athletic Field	SSHS-B278	4-6	7/16/2015	<0.038U,F1	<0.046U	<0.064U	<0.047U	12J	11J	2.7J	<0.037U	<0.068U	25.7
South Athletic Field	SSHS-B278	6-8	7/16/2015	<0.073U	<0.09U	<0.12U	<0.091U	14J	12J	3.3J	<0.072U	<0.13U	29.3
South Athletic Field	SSHS-B278A	8-10	7/29/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	4.4J	0.76J	0.15J	<0.0037U	<0.0067U	5.31
South Athletic Field	SSHS-B279	2-4	7/29/2015	<0.038U	<0.046U	<0.064U	<0.047U	4.3J	2J	1.7J	<0.037U	<0.069U	8
South Athletic Field	SSHS-B279	4-6	7/29/2015	<0.078U	<0.096U	<0.13U	<0.097U	27J	7.9J	6.8J	<0.077U	<0.14U	41.7
South Athletic Field	SSHS-B279	6-8	7/29/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	<0.0046U	0.023J	0.065J	<0.0037U	<0.0068U	0.088
South Athletic Field	SSHS-B280	2-4	7/16/2015	<0.0036U	<0.0044U	<0.0061U	<0.0045U	0.049J	0.045J	<0.0039U	<0.0036U	<0.0066U	0.094
South Athletic Field	SSHS-B280	4-6	7/16/2015	<0.77U	<0.95U	<1.3U	<0.95U	760J	150J	50J	<0.76U	<1.4U	960
South Athletic Field	SSHS-B280	6-8	7/16/2015	<0.0042U	<0.0052U	<0.0072U	<0.0053U	4.1J	2J	0.36J	<0.0042U	<0.0077U	6.46
South Athletic Field	SSHS-B281	2-4	7/17/2015	<0.004U	<0.0049U	<0.0068U	<0.005U	5.9J	3.1J	0.35J	<0.0039U	<0.0072U	9.35
South Athletic Field	SSHS-B281	4-6	7/17/2015	<0.04U	<0.049U	<0.067U	<0.049U	6.4J	11J	2.2J	<0.039U	<0.072U	19.6
South Athletic Field	SSHS-B281	6-8	7/17/2015	<0.0038U	<0.0047U	<0.0065U	<0.0048U	<0.0047U	0.25J	0.079J	<0.0038U	<0.007U	0.329
South Athletic Field	SSHS-B282	2-4	7/29/2015	<0.0038U	<0.0046U	<0.0064U	<0.0047U	1.9J	0.62J	0.12J	<0.0037U	<0.0068U	2.64
South Athletic Field	SSHS-B282	4-5	7/29/2015	<0.18U	<0.22U	<0.31U	<0.23U	61J	20J	2.1J	<0.18U	<0.33U	83.1
South Athletic Field	SSHS-B283	2-4	7/16/2015	<0.0039U	<0.0048U	<0.0067U	<0.0049U	0.64J	0.4J	0.058J	<0.0039U	<0.0071U	1.098
South Athletic Field	SSHS-B283	4-6	7/16/2015	<0.076U	<0.093U	<0.13U	<0.094U	19J	7.9J	1.4J	<0.075U	<0.14U	28.3
South Athletic Field	SSHS-B283	6-8	7/16/2015	<0.077U	<0.095U	<0.13U	<0.096U	31J	15J	1.6J	<0.076U	<0.14U	47.6
South Athletic Field	SSHS-B283A	8-10	7/29/2015	<0.076U	<0.093U	<0.13U	<0.094U	14J	6.6J	3.8J	<0.075U	<0.14U	24.4
South Athletic Field	SSHS-B284	2-4	7/29/2015	<0.0036U	<0.0045U	<0.0062U	<0.0045U	2.6J	0.88J	0.33J	<0.0036U	<0.0066U	3.81
South Athletic Field	SSHS-B284	4-6	7/29/2015	<0.037U	<0.045U	<0.063U	<0.046U	6.6J	2J	0.6J	<0.037U	<0.067U	9.2
South Athletic Field	SSHS-B284	6-8	7/29/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	2.3J	0.81J	0.4J	<0.0037U	<0.0068U	3.51
South Athletic Field	SSHS-B327	2-4	3/3/2016	<0.0086U	<0.014U	<0.0047U	<0.007U	0.81J	0.28J	0.031J	<0.0035U	<0.0058U	1.121
South Athletic Field	SSHS-B327	4-6	3/3/2016	<0.0091U	<0.014U	<0.005U	<0.0074U	0.19J	0.059J	<0.0068U	<0.0037U	<0.0062U	0.249
South Athletic Field	SSHS-B331	2-4	3/3/2016	<0.0087U	<0.014U	<0.0047U	<0.007U	0.36J	0.2J	0.053J	<0.0035U	<0.0059U	0.613
South Athletic Field	SSHS-B331	4-6	3/3/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.62J	1.3J	0.6J	<0.0034U	<0.0057U	2.52
South Athletic Field	SSHS-B331	6-8	3/3/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	0.9J	1.8J	0.65J	<0.0036U	<0.006U	3.35
South Athletic Field	SSHS-B331	8-10	3/3/2016	<0.0086U	<0.014U	<0.0047U	<0.0069U	0.12J	0.13J	0.044J	<0.0035U	<0.0058U	0.294
South Athletic Field	SSHS-B332	4-6	3/3/2016	<0.0086U	<0.014U	<0.0047U	<0.0069U	0.25J	0.11J	0.021J	<0.0035U	<0.0058U	0.381
South Athletic Field	SSHS-B332	6-8	3/3/2016	<0.0085U	<0.013U	<0.0047U	<0.0069U	0.01J	<0.0069U	<0.0064U	<0.0035U	<0.0058U	0.01
South Athletic Field	SSHS-B332	8-10	3/3/2016	<0.0086U	<0.014U	<0.0047U	<0.007U	0.2J	0.095J	0.018J	<0.0035U	<0.0058U	0.313

TABLE 10A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
PCB Subsurface Screening Value													10
Protection of Ground Water SCO													3.2
NYS Hazardous Waste													50
Investigation Area	**Location**	**Depth Interval (ft bgs)**	**Sample Date**										
South Athletic Field	SSHS-B333	2-4	3/3/2016	<0.009U	<0.014U	<0.0049U	<0.0072U	2.5J	1.8J	0.48J	<0.0037U	<0.0061U	4.78
South Athletic Field	SSHS-B333	4-6	3/3/2016	<0.18U	<0.28U	<0.098U	<0.14U	43J	16J	1.2J	<0.073U	<0.12U	60.2
South Athletic Field	SSHS-B333	6-8	3/3/2016	<0.86U	<1.4U	<0.47U	<0.7U	180J	52J	10J	<0.35U	<0.59U	204.2
South Athletic Field	SSHS-B333	8-10	3/3/2016	<0.44U	<0.7U	<0.24U	<0.36U	57J	19J	2J	<0.18U	<0.3U	78
South Athletic Field	SSHS-B335	2-4	3/3/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	5.1J	1.7J	0.36J	<0.0034U	<0.0056U	7.16
South Athletic Field	SSHS-B335	4-6	3/3/2016	<0.0091U	<0.014U	<0.005U	<0.0074U	0.61J	0.47J	0.16J	<0.0037U	<0.0062U	1.24
South Athletic Field	SSHS-B335	8-10	3/3/2016	<0.0089U,F1	<0.014U	<0.0049U	<0.0072U	2.3J	2.2J	0.38J	<0.0036U	<0.0061U	4.88
South Athletic Field	SSHS-B336	2-4	3/3/2016	<0.0089U	<0.014U	<0.0049U	<0.0072U	2J	0.94J	0.2J	<0.0036U	<0.006U	3.14
South Athletic Field	SSHS-B336	4-6	3/3/2016	<0.0091U	<0.014U	<0.005U	<0.0073U	0.19J	0.09J	0.018J	<0.0037U	<0.0062U	0.298
South Athletic Field	SSHS-B336	6-8	3/3/2016	<0.0087U	<0.014U	<0.0048U	<0.007U	0.031J	0.015J	<0.0065U	<0.0036U	<0.0059U	0.046
South Athletic Field	SSHS-B336	8-10	3/3/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	0.15J	0.064J	0.011J	<0.0036U	<0.006U	0.225
South Athletic Field	SSHS-B341	8-10	3/3/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	4.8J	2.1J	0.24J	<0.0034U	<0.0057U	7.14
South Athletic Field	SSHS-B342	8-10	3/3/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	4.4J	1.3J	0.12J	<0.0036U	<0.0059U	5.82
South Athletic Field	SSHS-B344	4-6	3/3/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	2.6J	0.96J	0.14J	<0.0036U	<0.006U	3.7
South Athletic Field	SSHS-B344	6-8	3/3/2016	<0.0089U	<0.014U	<0.0049U	<0.0072U	0.013J	<0.0072U	<0.0066U	<0.0036U	<0.006U	0.013
South Athletic Field	SSHS-B344	8-10	3/3/2016	<0.0086U	<0.014U	<0.0047U	<0.0069U	1.3J	0.47J	0.069J	<0.0035U	<0.0058U	1.839
South Athletic Field	SSHS-B468	2-4	8/24/2016	<0.41U	<0.65U	<0.23U	<0.33U	82J	24J	3.7J	<0.17U	<0.28U	109.7
South Athletic Field	SSHS-B468	4-6	8/24/2016	<0.0086U,F1	<0.014U	<0.0047U	<0.0069U	2J	0.58J	0.087J	<0.0035U	<0.0058U	2.667
South Athletic Field	SSHS-B471	6-8	8/24/2016	<0.41U	<0.65U	<0.22U	<0.33U	43J	38J	3.2J	<0.17U	<0.28U	84.2
South Athletic Field	SSHS-B471	8-10	8/24/2016	<0.84U	<1.3U	<0.46U	<0.68U	<0.43U	320J	28J	<0.34U	<0.57U	348
South Athletic Field	SSHS-B472	8-10	8/24/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	0.41J	0.24J	0.033J	<0.0034U	<0.0056U	0.683
South Athletic Field	SSHS-B474	8-10	8/24/2016	<0.82U	<1.3U	<0.45U	<0.66U	300J	67J	11J	<0.33U	<0.56U	378
South Athletic Field	SSHS-B474	10-12	8/24/2016	<0.0085U	<0.013U	<0.0047U	<0.0069U	1.5J	0.71J	0.088J	<0.0035U	<0.0058U	2.298
South Athletic Field	SSHS-B478	6-8	8/25/2016	<0.087U	<0.14U	<0.048U	<0.07U	21J	9.4J	1.1J	<0.036U	<0.059U	31.5
South Athletic Field	SSHS-B478	8-10	8/25/2016	<0.085U,F1	<0.13U	<0.047U	<0.069U	13J	7.7J	1.2J	<0.035U	<0.058U	21.9
South Athletic Field	SSHS-B478	10-12	8/25/2016	<0.0085U	<0.013U	<0.0046U	<0.0068U	0.43J	0.18J	0.072J	<0.0035U	<0.0057U	0.682
South Athletic Field	SSHS-B478	12-14	8/25/2016	<0.0085U	<0.013U	<0.0047U	<0.0069U	7.8J	5J	0.67J	<0.0035U	<0.0058U	13.47
South Athletic Field	SSHS-B482	10-12	8/24/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	1.4J	0.41J	0.15J	<0.0033U	<0.0055U	1.96
South Athletic Field	SSHS-B624	2-4	2/9/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	1.6J	0.68J	0.096J	<0.0056U	<0.013U	2.376
South Athletic Field	SSHS-B624	4-6	2/9/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	0.29J	0.16J	0.02J	<0.0058U	<0.014U	0.47
South Athletic Field	SSHS-B624	6-8	2/9/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	0.013J	0.011J	<0.013U	<0.0058U	<0.014U	0.024
South Athletic Field	SSHS-B624	8-10	2/9/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	1J	0.61J	0.091J	<0.0057U	<0.013U	1.701
South Athletic Field	SSHS-B624	10-12	2/9/2017	<0.011U	<0.011U	<0.008U	<0.016U	<0.0097U	<0.0089U	<0.014U	<0.0062U	<0.015U	0
South Athletic Field	SSHS-B624	12-14	2/9/2017	<0.0097U	<0.0094U	<0.0072U	<0.014U	0.37	0.13	0.032	<0.0055U	<0.013U	0.532
South Athletic Field	SSHS-B624	14-16	2/9/2017	<0.0099U	<0.0096U	<0.0074U	<0.015U	<0.0089U	<0.0082U	<0.012U	<0.0057U	<0.013U	0
South Athletic Field	SSHS-B625	10-12	2/8/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	0

TABLE 10A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
PCB Subsurface Screening Value													10
Protection of Ground Water SCO													3.2
NYS Hazardous Waste													50
Investigation Area	**Location**	**Depth Interval (ft bgs)**	**Sample Date**										
South Athletic Field	SSHS-B625	12-14	2/8/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	<0.0088U	<0.0081U	<0.012U	<0.0056U	<0.013U	0
South Athletic Field	SSHS-B626	10-12	2/9/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	<0.0087U	<0.008U	0.032	<0.0055U	<0.013U	0.032
South Athletic Field	SSHS-B626	12-14	2/9/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	1.1J	0.39J	0.08J	<0.0054U	<0.013U	1.57
South Athletic Field	SSHS-B627	12-14	2/8/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.3J	0.25J	0.11J	<0.0055U	<0.013U	0.66
South Athletic Field	SSHS-B630	8-10	2/14/2017	<5.2U	<5.1U	<3.9U	<7.8U	1000J	250J	53J	<3U	<7.1U	1303
South Athletic Field	SSHS-B630	10-12	2/14/2017	<0.5U	<0.49U	<0.37U	<0.75U	46J	11J	2.2J	<0.29U	<0.67U	59.2
South Athletic Field	SSHS-B630	12-14	2/14/2017	<0.98U	<0.96U	<0.73U	<1.5U	180J	40J	8.7J	<0.56U	<1.3U	228.7
South Athletic Field	SSHS-B630	14-16	2/14/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.17	0.046	<0.012U	<0.0057U	<0.013U	0.216
South Athletic Field	SSHS-B649	2-4	2/9/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	2.6J	0.88J	0.12J	<0.0058U	<0.014U	3.6
South Athletic Field	SSHS-B655	4-6	2/13/2017	<0.048U	<0.047U	<0.036U	<0.072U	5J	1.9J	0.36J	<0.028U	<0.065U	7.26
South Athletic Field	SSHS-B655	6-8	2/13/2017	<0.01U	<0.01U	<0.0077U	<0.016U	0.025	<0.0086U	<0.013U	<0.006U	<0.014U	0.025
South Athletic Field	SSHS-B655	8-10	2/13/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	4.1	2.4	0.57	<0.0057U	<0.013U	7.07
South Athletic Field	SSHS-B657	14-16	2/10/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.023J	0.022J	<0.012U	<0.0055U	<0.013U	0.045
South Athletic Field	SSHS-B666	8-10	2/13/2017	<0.0097U	<0.0094U	<0.0072U	<0.014U	1.2J	0.36J	0.067J	<0.0055U	<0.013U	1.627
South Athletic Field	SSHS-B667	10-12	2/10/2017	<0.1U	<0.1U	<0.078U	<0.16U	20J	8.1J	2J	<0.06U	<0.14U	30.1
South Athletic Field	SSHS-B667	12-14	2/10/2017	<0.011U	<0.011U	<0.0083U	<0.017U	6.6	1.9	0.36	<0.0064U	<0.015U	8.86
South Athletic Field	SSHS-B667	14-16	2/10/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.71	0.24	0.047	<0.0056U	<0.013U	0.997
South Athletic Field	SSHS-B668	10-12	2/9/2017	<0.96U	<0.94U	<0.72U	<1.4U	150J	55J	18J	<0.55U	<1.3U	223
South Athletic Field	SSHS-B668	12-14	2/9/2017	<0.49U	<0.48U	<0.37U	<0.74U	49	43	8.3	<0.28U	<0.66U	100.3
South Athletic Field	SSHS-B671	10-12	2/10/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	<0.009U	<0.0083U	<0.013U	<0.0058U	<0.014U	<0
South Athletic Field	SSHS-B671	14-16	2/10/2017	<0.0094U	<0.0091U	<0.007U	<0.014U	<0.0084U	<0.0077U	<0.012U	<0.0054U	<0.013U	<0
South Athletic Field	SSHS-B683	10-12	3/22/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.2	<0.008U	<0.012U	<0.0055U	<0.013U	0.2
South Athletic Field	SSHS-B683	12-14	3/22/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	0.52	0.27	0.097	<0.0056U	<0.013U	0.887
South Athletic Field	SSHS-B684	10-12	3/22/2017	<0.98U	<0.96U	<0.73U	<1.5U	<0.88U	200	<1.2U	<0.56U	<1.3U	200
South Athletic Field	SSHS-B684	12-14	3/22/2017	<0.97U	<0.95U	<0.72U	<1.5U	<0.87U	410	<1.2U	<0.56U	<1.3U	410
South Athletic Field	SSHS-B685	10-12	3/23/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	<0.0089U	<0.0082U	<0.013U	<0.0057U	<0.013U	0
South Athletic Field	SSHS-B685	12-14	3/23/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.4	0.12	0.021	<0.0057U	<0.013U	0.541
South Athletic Field	SSHS-B685	14-16	3/23/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	<0.0087U	<0.008U	<0.012U	<0.0056U	<0.013U	0
South Athletic Field	SSHS-B686	10-12	3/22/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.021	<0.0079U	<0.012U	<0.0055U	<0.013U	0.021
South Athletic Field	SSHS-B686	12-14	3/22/2017	<0.0093U,F2,F1	<0.009U	<0.0069U	<0.014U	0.56	0.15	0.027F2	<0.0053U	<0.013U	0.737
South Athletic Field	SSHS-B687	10-12	3/22/2017	<0.0095U	<0.0092U	<0.0071U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	0
South Athletic Field	SSHS-B70	2-6	8/14/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	3.9	<0.0026U	0.2	<0.0023U	<0.004U	4.1
South Athletic Field	SSHS-B70	6-10	8/14/2014	<0.14U	<0.18U	<0.16U	<0.15U	39	<0.13U	2.3	<0.12U	<0.2U	41.3
South Athletic Field	SSHS-B70	10-14	8/14/2014	<0.0028U	<0.0036U	<0.0032U	<0.003U	<0.0018U	3.3	<0.0026U	<0.0024U	<0.0041U	3.3
South Athletic Field	SSHS-B700	6-8	3/22/2017	<0.0092U	<0.0089U	<0.0068U	<0.014U	0.017	0.0084J	<0.012U	<0.0053U	<0.012U	0.0254
South Athletic Field	SSHS-B700	10-12	3/22/2017	<0.01U	<0.01U	<0.0076U	<0.015U	<0.0092U	<0.0084U	<0.013U	<0.0059U	<0.014U	0

TABLE 10A
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Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
PCB Subsurface Screening Value													10
Protection of Ground Water SCO													3.2
NYS Hazardous Waste													50
Investigation Area	**Location**	**Depth Interval (ft bgs)**	**Sample Date**										
South Athletic Field	SSHS-B700	12-14	3/22/2017	<0.01U	<0.01U	<0.0077U	<0.015U	0.34	0.11	0.032	<0.0059U	<0.014U	0.482
South Athletic Field	SSHS-B706	10-12	3/22/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	0.048	0.022	0.024	<0.0056U	<0.013U	0.094
South Athletic Field	SSHS-B707	4-6	3/22/2017	<0.049U	<0.048U	<0.037U	<0.074U	8.3	2.7	0.49	<0.028U	<0.066U	11.49
South Athletic Field	SSHS-B707	10-12	3/22/2017	<0.0093U	<0.0091U	<0.007U	<0.014U	<0.0084U	<0.0077U	<0.012U	<0.0054U	<0.013U	0
South Athletic Field	SSHS-B712	10-12	3/22/2017	<0.0097U	<0.0094U	<0.0072U	<0.014U	0.015J	0.0099J	<0.012U	<0.0056U	<0.013U	0.0249
South Athletic Field	SSHS-B714	12-14	3/22/2017	<0.01U	<0.01U	<0.0077U	<0.015U	0.14	0.049	0.014J	<0.0059U	<0.014U	0.203
South Athletic Field	SSHS-B715	8-10	3/22/2017	<0.01U	<0.01U	<0.0076U	<0.015U	2	0.5	0.091	<0.0059U	<0.014U	2.591
South Athletic Field	SSHS-B715	12-14	3/22/2017	<0.0099U	<0.0096U	<0.0074U	<0.015U	0.18	0.045	0.012J	<0.0057U	<0.013U	0.237
South Athletic Field	SSHS-B717	14-16	3/23/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	<0.0088U	<0.0081U	<0.012U	<0.0056U	<0.013U	0
South Athletic Field	SSHS-B719	14-16	3/22/2017	<0.01U	<0.01U	<0.0076U	<0.015U	1.9	1.7	0.63	<0.0059U	<0.014U	4.23
South Athletic Field	SSHS-B724	10-12	4/12/2017	<0.01U	<0.0097U	<0.0074U	<0.015U	<0.009U	<0.0083U	<0.013U	<0.0057U	<0.013U	0
South Athletic Field	SSHS-B724	12-14	4/12/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.014J	<0.0079U	<0.012U	<0.0055U	<0.013U	0.014
South Athletic Field	SSHS-B730	14-16	4/12/2017	<0.0092U	<0.009U	<0.0069U	<0.014U	<0.0083U	<0.0076U	<0.012U	<0.0053U	<0.012U	0
South Athletic Field	SSHS-B739	2-4	4/12/2017	<0.5U	<0.49U	<0.37U	<0.75U	77	36	4.4	<0.29U	<0.67U	117.4
South Athletic Field	SSHS-B739	4-6	4/12/2017	<0.01U	<0.01U	<0.0077U	<0.015U	2.7	1.1	0.15	<0.0059U	<0.014U	3.95
South Athletic Field	SSHS-B739	6-8	4/12/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	<0.0088U	<0.0081U	<0.012U	<0.0056U	<0.013U	0
South Athletic Field	SSHS-B741	8-10	4/12/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	3.2	1.1	0.25	<0.0056U	<0.013U	4.55
South Athletic Field	SSHS-B742	10-12	4/12/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	<0.0088U	<0.0081U	<0.012U	<0.0056U	<0.013U	0
South Athletic Field	SSHS-B742	12-14	4/12/2017	<0.01U	<0.01U	<0.0077U	<0.015U	3.1	0.84	0.13	<0.0059U	<0.014U	4.07
South Athletic Field	SSHS-SS12-A	2-3	7/22/2014	<0.0067U	<0.0086U	<0.0078U	<0.0074U	8.2J	3.3J	<0.0064U	<0.0058U	<0.0099U	11.5
South Athletic Field	SSHS-SS12-B	2-3	7/22/2014	<0.034U	<0.043U	<0.039U	<0.037U	20J	12J	<0.032U	<0.029U	<0.05U	32
South Athletic Field	SSHS-SS12-C	2-3	7/22/2014	<0.067U	<0.086U	<0.077U	<0.073U	100J	29J	<0.064U	<0.058U	<0.098U	129
South Athletic Field	SSHS-SS12-CA	4-6	7/17/2015	<0.02U	<0.024U	<0.034U	<0.025U	8.6J	3.3J	0.58J	<0.02U	<0.036U	12.48
South Athletic Field	SSHS-SS12-CA	6-8	7/17/2015	<0.004U	<0.0049U	<0.0067U	<0.0049U	<0.0049U	<0.0046U	<0.0043U	<0.0039U	<0.0072U	<0
Tennis Court	SSHS-B14	5-6	5/10/2000	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	-	-	<0
Tennis Court	SSHS-B37	0.5-2.5	9/12/2000	<0.034U	<0.034U	<0.034U	<0.034U	<0.034U	<0.034U	<0.034U	-	-	<0
Tennis Court	SSHS-B37	8-10	9/12/2000	<0.035U	<0.035U	<0.035U	<0.035U	0.046	<0.035U	0.035	-	-	0.081
Tennis Court	SSHS-B38	1-4.5	9/12/2000	<0.037U	<0.037U	<0.037U	<0.037U	0.74D	<0.037U	0.13	-	-	0.87
Tennis Court	SSHS-B577	2-4	2/10/2017	<0.0096U	<0.0094U	<0.0071U	<0.014U	0.73J	0.42J	0.15J	<0.0055U	<0.013U	1.3
Tennis Court	SSHS-B578	2-4	2/15/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	0.4J	0.53J	0.25J	<0.0056U	<0.013U	1.18
Tennis Court	SSHS-B579	2-4	2/15/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	<0.0087U	<0.008U	<0.012U	<0.0056U	<0.013U	0
Tennis Court	SSHS-B580	2-4	2/10/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	0.43J	0.18J	0.087J	<0.0056U	<0.013U	0.697
Tennis Court	SSHS-B581	2-4	2/14/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	0.086J	0.046J	<0.012U	<0.0054U	<0.013U	0.132
Tennis Court	SSHS-B582	2-4	2/14/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.24J	0.12J	0.047J	<0.0055U	<0.013U	0.407
Tennis Court	SSHS-B583	2-4	2/14/2017	<0.0095U	<0.0092U	<0.0071U	<0.014U	0.053J	0.045J	0.024J	<0.0054U	<0.013U	0.122
Tennis Court	SSHS-B584	2-4	2/14/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	1.7J	0.69J	0.35J	<0.0054U	<0.013U	2.74

TABLE 10A
SUMMARY OF PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
PCB Subsurface Screening Value													10
Protection of Ground Water SCO													3.2
NYS Hazardous Waste													50
Investigation Area	**Location**	**Depth Interval (ft bgs)**	**Sample Date**										
Tennis Court	SSHS-B585	2-4	2/10/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.13	0.068	0.033	<0.0056U	<0.013U	0.231
Tennis Court	SSHS-B586	2-4	2/10/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.46	0.16	0.079	<0.0055U	<0.013U	0.699
Tennis Court	SSHS-B586	4-6	2/10/2017	<0.0093U	<0.0091U	<0.0069U	<0.014U	0.07	0.025	<0.012U	<0.0053U	<0.013U	0.095
Tennis Court	SSHS-B590	4-6	2/15/2017	<0.01U	<0.0099U	<0.0076U	<0.015U	<0.0091U	<0.0084U	<0.013U	<0.0058U	<0.014U	0
Tennis Court	SSHS-B594	2-4	2/15/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.36	0.24	0.12	<0.0056U	<0.013U	0.72
Tennis Court	SSHS-B664	2-4	2/15/2017	<0.01U	<0.0097U	<0.0074U	<0.015U	0.25J	0.21J	0.061J	<0.0057U	<0.013U	0.521
Tennis Court	SSHS-B674	2-4	3/21/2017	<0.01U	<0.0099U	<0.0075U	<0.015U	<0.0091U	0.17	0.071	<0.0058U	<0.014U	0.241
Tennis Court	SSHS-B677	2-4	3/21/2017	<0.0099U	<0.0096U	<0.0074U	<0.015U	<0.0089U	<0.0081U	<0.012U	<0.0057U	<0.013U	0
Tennis Court	SSHS-B71	2.5-4.5	8/15/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
Tennis Court	SSHS-B71	6-9.5	8/15/2014	<0.0026U	<0.0033U	<0.003U	<0.0028U	<0.0016U	<0.0025U	<0.0025U	<0.0022U	<0.0038U	<0
Tennis Court	SSHS-B72	3-5	8/15/2014	<0.0026U	<0.0033U	<0.003U	<0.0028U	<0.0016U	<0.0025U	<0.0025U	<0.0022U	<0.0038U	<0
Tennis Court	SSHS-B72	6-10	8/15/2014	<0.003U	<0.0038U	<0.0034U	<0.0032U	<0.0019U	<0.0028U	<0.0028U	<0.0026U	<0.0044U	<0
Tennis Court	SSHS-B72	11.5-13.5	8/15/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
Tennis Court	SSHS-B75	2-6	8/14/2014	<0.0028U	<0.0036U	<0.0032U	<0.003U	0.13	<0.0026U	<0.017J	<0.0024U	<0.0041U	0.13
Tennis Court	SSHS-B75	6-10	8/14/2014	<0.0027U	<0.0035U	<0.0031U	<0.0029U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
Tennis Court	SSHS-B75	10-15	8/14/2014	<0.0026U	<0.0033U	<0.003U	<0.0028U	<0.0016U	<0.0025U	<0.0025U	<0.0022U	<0.0038U	<0
Tennis Court	SSHS-B76	2-6	8/14/2014	<0.0028U	<0.0036U	<0.0032U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
Tennis Court	SSHS-B76	6-10	8/14/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0038U	<0
Tennis Court	SSHS-B76	10-15	8/14/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
Tennis Court	SSHS-B77	2-6	8/14/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
Tennis Court	SSHS-B77	6-10	8/14/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0038U	<0
Tennis Court	SSHS-B77	10-15	8/14/2014	<0.0026U	<0.0033U	<0.003U	<0.0028U	<0.0017U	<0.0025U	<0.0025U	<0.0022U	<0.0038U	<0
Tennis Courts	SSHS-B36	0.5-2.5	9/12/2000	<0.035U	<0.035U	<0.035U	<0.035U	0.28D	<0.035U	0.1	-	-	0.38

Notes:
J - estimated value
U - non-detect
- - not analyzed
ND - non-detect
mg/kg - milligram per kilogram
ft bgs - feet below ground surface
PCBs - polychlorinated biphenyls
Concentrations detected above the PCB subsurface (below 2 ft bgs) screening value of 10 mg/kg are presented in light grey.
Concentrations detected at or below the water table (~17 ft bgs) above the Protection of Ground Water Soil Cleanup Objective (SCO) presented in 6 NYCRR Subpart 375 are presented in light blue.
PCB concentrations detected above New York State hazardous waste threshold (6 NYCRR Part 371.4 (e)) are presented in dark grey.

TABLE 10B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Siet - North Portion
Elmira, New York

				VOCs																		
				Benzene	Ethylbenzene	Toluene	Xylene (m & p)	Xylene Total	1,2-Dichloroethene	Chloroform	cis-1,2-dichloroethene	Dichloromethane	Trichloroethene	Tetrachloroethene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Methyl Ethyl Ketone	Acetone	Carbon disulfide
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00046	0.00044	0.00049	0.001	0.0029	0.0015	0.0004	0.00048	0.00046	0.00045	0.00046			0.00046					0.0006	0.0034	0.00035
Restricted Residential SCO				4.8	41	100		100		49	100	100	21	19	52	52		100	100		100	100	100	
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																					
Athletic Field	SSHS-B10	2-3	5/10/2000	<0.006U	<0.006U	<0.006U	<0.006U	-	-	<0.006U	<0.006U	0.0014J	<0.0022U	0.01	-	-	-	-	-	-	-	<0.012U	<0.024U	-
Athletic Field	SSHS-B11	1-3	5/10/2000	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	-	<0.0057U	<0.0057U	<0.0057U	0.0014J	<0.0057U	-	-	-	-	-	-	-	<0.011U	<0.023U	-
Athletic Field	SSHS-B12	1-4	5/10/2000	<0.0058U	<0.0058U	<0.0058U	<0.0058U	-	-	<0.0058U	<0.0058U	<0.0058U	<0.0058U	0.0016J	-	-	-	-	-	-	-	<0.012U	<0.023U	-
Athletic Field	SSHS-B39	0.5-2.5	9/12/2000	<0.0054U	<0.0054U	<0.0054U	<0.0054U	-	-	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	-	-	-	-	-	-	-	<0.011U	<0.022U	<0.011U
Athletic Field	SSHS-B40	0.5-2.5	9/12/2000	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	-	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	-	-	-	-	-	-	<0.011U	<0.022U	<0.011U
Athletic Field	SSHS-B41	0.5-2.5	9/12/2000	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	-	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	-	-	-	-	-	-	<0.011U	<0.022U	<0.011U
Athletic Field	SSHS-B42	0.5-2.5	9/12/2000	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	-	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	-	-	-	-	-	-	<0.011U	<0.023U	<0.011U
Athletic Field	SSHS-B42-A	3-5	8/15/2014	<0.001U	<0.00096U	<0.0011U	<0.0022U	-	-	<0.00088U	<0.0011U	<0.001U	<0.00098U	<0.001U	-	-	<0.001U	-	-	-	-	<0.0013U	<0.0092J	<0.00077U
Athletic Field	SSHS-B42-A	7-9	8/15/2014	<0.00073U	<0.00069U	<0.00079U	<0.0016U	-	-	<0.00063U	<0.00076U	<0.00072U	<0.00071U	<0.00073U	-	-	<0.00073U	-	-	-	-	<0.00095U	<0.0054U	<0.00055U
Athletic Field	SSHS-B42-A	11-13	8/15/2014	<0.00068U	<0.00065U	<0.00073U	<0.0015U	-	-	<0.00059U	<0.00071U	<0.00068U	<0.0019J	<0.0016J	-	-	<0.00068U	-	-	-	-	<0.00089U	<0.005U	<0.00051U
Athletic Field	SSHS-B43	0.5-2.5	9/12/2000	<0.006U	<0.006U	<0.006U	<0.006U	-	-	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	-	-	-	-	-	-	-	<0.012U	<0.024U	<0.012U
Athletic Field	SSHS-B43-A	2-6	8/15/2014	<0.00063U	<0.0006U	<0.00069U	<0.0014U	-	-	<0.00055U	<0.00066U	<0.00063U	<0.00062U	<0.00064U	-	-	<0.00064U	-	-	-	-	<0.00083U	<0.0047U	<0.00048U
Athletic Field	SSHS-B43-A	7-9	8/15/2014	<0.00063U	<0.0006U	<0.00068U	<0.0014U	-	-	<0.00054U	<0.00065U	<0.00063U	<0.00061U	<0.00063U	-	-	<0.00063U	-	-	-	-	<0.00082U	<0.0047U	<0.00048U
Athletic Field	SSHS-B43-A	11.5-13.5	8/15/2014	<0.00067U	<0.00064U	<0.00073U	<0.0015U	-	-	<0.00058U	<0.0007U	<0.00067U	<0.00065U	<0.00068U	-	-	<0.00067U	-	-	-	-	<0.00088U	<0.005U	<0.00051U
Athletic Field	SSHS-B44	0.5-2.5	9/13/2000	<0.0055U	<0.0055U	<0.0055U	<0.0055U	-	-	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	-	-	-	-	-	-	-	<0.011U	<0.022U	<0.011U
Athletic Field	SSHS-B45	0.5-2.5	9/13/2000	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	-	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	-	-	-	-	-	-	<0.011U	<0.022U	<0.011U
Athletic Field	SSHS-B46	0.5-2.5	9/13/2000	<0.0055U	<0.0055U	<0.0055U	<0.0055U	-	-	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	-	-	-	-	-	-	-	<0.011U	<0.022U	<0.011U
Athletic Field	SSHS-B46	8-10	9/13/2000	<0.0052U	<0.0052U	<0.0052U	<0.0052U	-	-	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.0052U	-	-	-	-	-	-	-	<0.01U	<0.021U	<0.01U
Athletic Field	SSHS-B47	3-5	9/13/2000	<0.0054U	<0.0054U	<0.0054U	<0.0054U	-	-	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	-	-	-	-	-	-	-	<0.011U	<0.022U	<0.011U
Athletic Field	SSHS-B48	0.5-2.5	9/13/2000	<0.0058U	<0.0058U	<0.0058U	<0.0058U	-	-	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U	-	-	-	-	-	-	-	<0.012U	<0.023U	<0.012U
Athletic Field	SSHS-B50	0.5-2.5	9/13/2000	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	-	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	-	-	-	-	-	-	<0.011U	0.0087J	<0.011U
Athletic Field	SSHS-B50	4-7	9/13/2000	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	-	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	-	-	-	-	-	-	<0.011U	<0.023U	<0.011U
Athletic Field	SSHS-B51	0.5-2.5	9/13/2000	<0.0055U	<0.0055U	<0.0055U	<0.0055U	-	-	<0.0055U	<0.0055U	<0.0055U	0.032	<0.0055U	-	-	-	-	-	-	-	<0.011U	<0.022U	<0.011U
Athletic Field	SSHS-B52	0.5-2.5	9/13/2000	<0.0054U	<0.0054U	<0.0054U	<0.0054U	-	-	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	-	-	-	-	-	-	-	<0.011U	<0.022U	<0.011U
Athletic Field	SSHS-B52	4-6	9/13/2000	<0.0054U	<0.0054U	<0.0054U	<0.0054U	-	-	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	-	-	-	-	-	-	-	<0.011U	<0.022U	<0.011U
Athletic Field	SSHS-B53	0.5-2.5	9/13/2000	<0.0055U	<0.0055U	<0.0055U	<0.0055U	-	-	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	-	-	-	-	-	-	-	<0.011U	<0.022U	<0.011U
Athletic Field	SSHS-B54	0.5-2.5	9/13/2000	<0.0059U	<0.0059U	<0.0059U	<0.0059U	-	-	<0.0059U	<0.0059U	<0.0059U	<0.0059U	<0.0059U	-	-	-	-	-	-	-	<0.012U	<0.023U	<0.012U
Athletic Field	SSHS-B54	4-6	9/13/2000	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	-	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	-	-	-	-	-	-	<0.011U	<0.023U	<0.011U
Athletic Field	SSHS-B55	0.5-2.5	9/13/2000	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	-	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	-	-	-	-	-	-	<0.011U	<0.023U	<0.011U
Athletic Field	SSHS-B56	0.5-2.5	9/13/2000	<0.0052U	<0.0052U	<0.0052U	<0.0052U	-	-	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.0052U	-	-	-	-	-	-	-	<0.01U	<0.021U	<0.01U
Athletic Field	SSHS-B57	0.5-2.5	9/13/2000	<0.0053U	<0.0053U	<0.0053U	<0.0053U	-	-	<0.0053U	<0.0053U	<0.0053U	<0.0053U	<0.0053U	-	-	-	-	-	-	-	<0.011U	<0.021U	<0.011U
Athletic Field	SSHS-B572	10-12	9/2/2016	<0.003U	<0.002U	<0.0036U	<0.0019U	<0.0045U	<0.0023U	<0.0012U	<0.0013U	<0.0049U	<0.0011U	<0.0012U	-	-	<0.0034U	-	-	-	-	<0.0029U	<0.01U	<0.0021U
Athletic Field	SSHS-B572	12-14	9/2/2016	<0.0029U	<0.0019U	<0.0035U	<0.0019U	<0.0044U	<0.0023U	<0.0012U	<0.0013U	0.0074B	<0.0011U	<0.0012U	-	-	<0.0033U	-	-	-	-	<0.0029U	<0.0099U	<0.002U
Athletic Field	SSHS-B572	14-16	9/2/2016	<0.0039U	<0.0026U	<0.0047U	<0.0025U	<0.0058U	<0.003U	<0.0016U	<0.0017U	<0.0064U	<0.0014U	<0.0016U	-	-	<0.0044U	-	-	-	-	<0.0038U	<0.013U	<0.0027U
Athletic Field	SSHS-B572	16-18	9/2/2016	<0.0022U	<0.0014U	<0.0026U	<0.0014U	<0.0032U	<0.0017U	<0.00089U	<0.00096U	<0.0036U	<0.0008U	<0.00088U	-	-	<0.0025U	-	-	-	-	<0.0021U	<0.0073U	<0.0015U
Athletic Field	SSHS-B58	0.5-2.5	9/13/2000	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	-	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	-	-	-	-	-	-	<0.011U	<0.023U	<0.011U
Athletic Field	SSHS-B59	0.5-2.5	9/13/2000	<0.0054U	<0.0054U	<0.0054U	<0.0054U	-	-	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	-	-	-	-	-	-	-	<0.011U	<0.022U	<0.011U
A-Wing	SSHS-B15	4-5	5/10/2000	<0.0056U	<0.0058U	<0.0058U	<0.0058U	-	-	<0.0058U	<0.0058U	<0.0058U	<0.0058U	0.012	-	-	-	-	-	-	-	<0.012U	<0.023U	-
Cafeteria	SSHS-B21	1-4	5/9/2000	<0.0058U	<0.0058U	<0.0058U	<0.0058U	-	-	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U	-	-	-	-	-	-	-	<0.012U	<0.023U	-
Cafeteria	SSHS-B22	2-4	5/9/2000	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	-	0.0021J	<0.0056U	0.0013J	0.0039J	0.025	-	-	-	-	-	-	-	<0.011U	<0.022U	-
Cafeteria	SSHS-SB-1	1.5-3.5	3/31/2014	<0U	<0U	<0U	-	<0U	-	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	0.0095	-
Cafeteria	SSHS-SB-1	3.5-4	3/31/2014	<0U	<0U	<0U	-	<0U	-	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	-

TABLE 10B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Siet - North Portion
Elmira, New York

					Inorganics		Metals																					
				Cyclohexane	Cyanide Total	Sodium	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (III+VI)	Chromium (Trivalent)	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Thallium	Tin	Vanadium
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00025	0.15	55	7.9	0.14	0.39	7.9	0.16	0.014	200	0.2		2	0.99	3.9	0.39	200	0.59	0.008	1.6	200	0.25	0.038	0.14		2
Restricted Residential SCO					27				16	400	72	4.3		110	180		270		400		2000	0.81	310		180	180			
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																										
Athletic Field	SSHS-B10	2-3	5/10/2000	-	<1.21U	-	-	-	8.5	54.8	<0.6U	<0.6U	-	6.2	-	-	58	-	33.1	-	-	<0.06U	7.3	-	1.2	<1.2U	-	-	-
Athletic Field	SSHS-B11	1-3	5/10/2000	-	<1.14U	-	-	-	8.4	79.3	<0.56U	<0.56U	-	12.3	-	-	40.8	-	70.8	-	-	1.4	18.1	-	<0.56U	<1.1U	-	-	-
Athletic Field	SSHS-B12	1-4	5/10/2000	-	<1.16U	-	-	-	4.5	105	<0.55U	<0.55U	-	11.1	-	-	21.7	-	19.1	-	-	<0.06U	15.1	-	<0.56U	<1.1U	-	-	-
Athletic Field	SSHS-B39	0.5-2.5	9/12/2000	-	0.00178	-	-	<1.09U	5.16	83.8	<0.554U	<0.554U	-	10.1	-	7.07	34.4	-	56	-	-	1.98	22.6	-	1.57	<1.09U	<1.09U	<54.4U	16.3
Athletic Field	SSHS-B40	0.5-2.5	9/12/2000	-	<0.00112U	-	-	<1.12U	5.82	91.4	<0.561U	<0.561U	-	14	-	7.16	43	-	50.2	-	-	0.245	25.7	-	1.68	<1.12U	<1.12U	<56.1U	16.7
Athletic Field	SSHS-B41	0.5-2.5	9/12/2000	-	<0.00112U	-	-	<1.12U	8.93	146	0.601	<0.562U	-	16.5	-	7.11	60.1	-	110	-	-	0.124	22	-	1.73	<1.12U	<1.12U	<56.2U	19.3
Athletic Field	SSHS-B42	0.5-2.5	9/12/2000	-	<0.00113U	-	-	<3.93U	32.1	153	1.12	0.612	-	74.1	-	14.6	4080	-	783	-	-	0.103	517	-	3.43	<1.13U	<1.13U	137	35.9
Athletic Field	SSHS-B42-A	3-5	8/15/2014	<0.00056U	<0.31J	<110J	10,000	<0.22U	8.6	120	<0.43J	<0.069J	2200	12B	-	6.5	40	18,000	52	2100	600	0.054	16	870	<0.94J	<0.044U	<0.21J	-	18
Athletic Field	SSHS-B42-A	7-9	8/15/2014	<0.0004U	<0.17U	<54J	9600	<0.22U	8.8	78	<0.41J	<0.024J	600	10B	-	7.3	24	18,000	11	2200	590	<0.012U	16	1100	<0.4J	<0.044U	<0.16U	-	16
Athletic Field	SSHS-B42-A	11-13	8/15/2014	<0.00037U	<0.16U	<57J	6400	<0.2U	6.5	45	<0.29J	<0.055J	14,000	8.5B	-	5.7	21	15,000	8.4	3100	390	<0.011U	18	900	<0.27U	<0.041U	<0.15U	-	13
Athletic Field	SSHS-B43	0.5-2.5	9/12/2000	-	<0.0012U	-	-	<1.2U	7.02	241	<0.6U	<0.6U	-	10.5	-	6.82	36.5	-	2210	-	-	0.0617	16	-	<0.6U	<1.2U	<1.2U	<60U	16.1
Athletic Field	SSHS-B43-A	2-6	8/15/2014	<0.00035U	1.3	<45J	9800	<0.22UJ	11J	74	<0.41J	<0.053J	1400	11B	-	7.8	21J	18,000	17	2100	650J	0.045	15	660	<0.45J	<0.044U	<0.16U	-	16
Athletic Field	SSHS-B43-A	7-9	8/15/2014	<0.00035U	<0.16U	<35J	6600	<0.2U	8	36	<0.31J	<0.051J	770	8.2B	-	5.6	18	16,000	8	1900	340	<0.012U	14	770	<0.27U	<0.04U	<0.18J	-	12
Athletic Field	SSHS-B43-A	11.5-13.5	8/15/2014	<0.00037U	<0.15U	<79J	6000	<0.21U	5.3	35	<0.24J	<0.037J	42,000	7.6B	-	<5.3J	23	14,000	5.6	14,000	340	<0.01U	13	850	<0.39J	<0.044U	<0.16U	-	11
Athletic Field	SSHS-B44	0.5-2.5	9/13/2000	-	<0.0011U	-	-	<1.1U	5.06	81.5	<0.55U	<0.55U	-	10	-	7.18	22.2	-	23.8	-	-	0.0636	14.7	-	1.43	<1.1U	<1.1U	<55U	16.9
Athletic Field	SSHS-B45	0.5-2.5	9/13/2000	-	<0.00111U	-	-	<1.11U	7.28	62.4	<0.557U	<0.557U	-	8.36	-	6.67	23.1	-	26.1	-	-	<0.0557U	13.5	-	0.994	<1.11U	<1.11U	<55.7U	16.1
Athletic Field	SSHS-B46	0.5-2.5	9/13/2000	-	<0.00111U	-	-	<1.11U	6.68	103	0.568	<0.555U	-	8.88	-	7.2	19.4	-	29.9	-	-	<0.0555U	13.3	-	1.33	<1.11U	<1.11U	<55.5U	17.1
Athletic Field	SSHS-B46	8-10	9/13/2000	-	<0.00104U	-	-	<1.04U	4.51	34.1	<0.518U	<0.518U	-	6.26	-	5.78	16.5	-	9.84	-	-	<0.0518U	12	-	0.518	<1.04U	<1.04U	<51.8U	11.1
Athletic Field	SSHS-B47	3-5	9/13/2000	-	<0.00108U	-	-	<1.08U	5.22	26.8	<0.539U	<0.539U	-	6.7	-	5.59	16.8	-	6.15	-	-	<0.0539U	12.9	-	<0.539U	<1.08U	<1.08U	<53.9U	11.6
Athletic Field	SSHS-B48	0.5-2.5	9/13/2000	-	<0.00116U	-	-	<1.16U	4.07	58.5	<0.578U	<0.578U	-	8.02	-	<5.78U	8.18	-	8.15	-	-	<0.0578U	12	-	<0.578U	<1.16U	<1.16U	<57.8U	14.2
Athletic Field	SSHS-B50	0.5-2.5	9/13/2000	-	<0.00114U	-	-	<1.1UN	6.1	112	<0.57U	<0.57U	-	13.9	-	9.5	42.7N	-	22.2	-	-	<0.05U	20.6	-	<0.57U	<1.1U	<1.1U	<56.8U	16.9
Athletic Field	SSHS-B50	4-7	9/13/2000	-	<0.00113U	-	-	<1.13U	6.46	65.9	<0.566U	<0.566U	-	9.17	-	6.48	24.5	-	7.97	-	-	<0.0566U	15.4	-	0.68	<1.13U	<1.13U	<56.6U	14.3
Athletic Field	SSHS-B51	0.5-2.5	9/13/2000	-	<0.00109U	-	-	<1.09U	7.76	98.9	<0.545U	<0.545U	-	10.1	-	7.79	28.6	-	14.8	-	-	<0.0545U	17.2	-	0.618	<1.09U	<1.09U	<54.5U	16.1
Athletic Field	SSHS-B52	0.5-2.5	9/13/2000	-	<0.00108U	-	-	<1.08U	8.28	61.2	<0.542U	<0.542U	-	12.1	-	9.08	30.3	-	10.5	-	-	<0.0542U	19.6	-	0.777	<1.08U	<1.08U	<54.2U	17.4
Athletic Field	SSHS-B52	4-6	9/13/2000	-	<0.00108U	-	-	<1.08U	2.33	24.3	<0.538U	<0.538U	-	4.63	-	<5.38U	12.6	-	3.27	-	-	<0.0538U	8.39	-	1.4	<1.08U	<1.08U	<53.8U	7.84
Athletic Field	SSHS-B53	0.5-2.5	9/13/2000	-	<0.0011U	-	-	<1.1U	3.38	51.3	<0.549U	<0.549U	-	6.77	-	<5.49U	12.1	-	11.2	-	-	<0.0549U	9.78	-	0.67	<1.1U	<1.1U	<54.9U	10.7
Athletic Field	SSHS-B54	0.5-2.5	9/13/2000	-	<0.00117U	-	-	<1.17U	2.35	112	<0.587U	<0.587U	-	11	-	6.44	12.8	-	16.2	-	-	0.111	14	-	0.68	<1.17U	<1.17U	<58.7U	16.4
Athletic Field	SSHS-B54	4-6	9/13/2000	-	<0.00115U	-	-	<1.15U	3.82	47.1	<0.575U	<0.575U	-	7.77	-	6.28	16.1	-	8.9	-	-	<0.0575U	14.6	-	1.56	<1.15U	<1.15U	<57.5U	11.7
Athletic Field	SSHS-B55	0.5-2.5	9/13/2000	-	<0.00114U	-	-	<1.14U	7.07	94.4	<0.57U	<0.57U	-	8.3	-	6.36	27.7	-	174	-	-	0.112	13.9	-	1.6	<1.14U	<1.14U	<57U	14.7
Athletic Field	SSHS-B56	0.5-2.5	9/13/2000	-	<0.00105U	-	-	<1.05U	3.86	39.2	<0.524U	<0.524U	-	7.01	-	5.51	20.2	-	5.79	-	-	<0.0524U	12.6	-	0.717	<1.05U	<1.05U	<52.4U	11
Athletic Field	SSHS-B57	0.5-2.5	9/13/2000	-	<0.00105U	-	-	<1.05U	3.05	32.4	<0.526U	<0.526U	-	7.45	-	5.99	26.6	-	13.3	-	-	<0.0526U	13.7	-	<0.526U	<1.05U	<1.05U	<52.6U	11.1
Athletic Field	SSHS-B572	10-12	9/2/2016	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Athletic Field	SSHS-B572	12-14	9/2/2016	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Athletic Field	SSHS-B572	14-16	9/2/2016	<0.0019U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Athletic Field	SSHS-B572	16-18	9/2/2016	<0.0011U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Athletic Field	SSHS-B58	0.5-2.5	9/13/2000	-	<0.00114U	-	-	<1.14U	4.91	98.9	<0.569U	<0.569U	-	10.4	-	6.94	28.4	-	16.6	-	-	0.0658	14.7	-	1.22	<1.14U	<1.14U	<56.9U	19.2
Athletic Field	SSHS-B59	0.5-2.5	9/13/2000	-	<0.00109U	-	-	<1.09U	6.76	68.8	<0.544U	<0.544U	-	9.71	-	7.88	21.8	-	9.82	-	-	<0.0544U	17.6	-	0.959	<1.09U	<1.09U	<54.4U	18.6
A-Wing	SSHS-B15	4-5	5/10/2000	-	15	-	-	-	9.1	<611U	<0.57U	<0.57U	-	21.4	-	-	85.2	-	149	-	-	<0.06U	38	-	0.89	<1.1U	-	-	-
Cafeteria	SSHS-B21	1-4	5/9/2000	-	<1.16U	-	-	-	13.7N*	130	<0.57U	1.1	-	<20.8U	-	-	90.2N*	-	176N*	-	-	0.19N	87.8N	-	0.94	<1.1U	-	-	-
Cafeteria	SSHS-B22	2-4	5/9/2000	-	<1.12U	-	-	-	8.8N*	116	<0.54U	<0.54U	-	14.7	-	-	59.7N*	-	77.9N*	-	-	0.07N	36.4N	-	<0.55U	<1.1U	-	-	-
Cafeteria	SSHS-SB-1	1.5-3.5	3/31/2014	-	<0U	46	8200	0.74	8	150	0.43	0.44	13,000	21	-	6.4	59	19,000	53	3900	510	0.057	58	470	0.6	0.21	<0U	-	12
Cafeteria	SSHS-SB-1	3.5-4	3/31/2014	-	<0U	300	11,000	7.8	10	160	0.48	0.85	7300	24	-	9.2	200	31,000	750	3100	470	0.054	140	780	2.3	0.32	0.31	-	15

TABLE 10B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Siet - North Portion
Elmira, New York

					Pesticides																	
				Zinc	4,4-DDE	b-BHC	Chlordane (cis)	Chlordane (trans)	DDD	DDT	Dieldrin	Endosulfan I	Endrin	Endrin aldehyde	1,1-Biphenyl	2-methylnaphthalene	Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Benz(a)anthracene	Benzo(a) pyrene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.79	0.00026	0.00044	0.00034	0.00033	0.00022	0.00025	0.00028	0.00032	0.00033	0.00033	0.0016	0.00034	0.00035	0.00041	0.0015	0.00036	0.00046	0.00037
Restricted Residential SCO				10000	8.9	0.36	4.2		13	7.9	0.2	24	11				100	100		100	1	1
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																			
Athletic Field	SSHS-B10	2-3	5/10/2000	8.5	<0.0021U	<0.0021U	-	-	<0.0021U	<0.004U	<0.0021U	<0.0021U	<0.0021U	-	-	-	<0.4U	<0.4U	-	<0.4U	0.12J	0.11J
Athletic Field	SSHS-B11	1-3	5/10/2000	72.1	<0.0019U	<0.0019U	-	-	<0.0019U	<0.0038U	<0.0019U	<0.0019U	<0.0019U	-	-	-	<0.38U	0.039J	-	<0.38U	0.071J	0.084J
Athletic Field	SSHS-B12	1-4	5/10/2000	69.4	<0.002U	<0.002U	-	-	<0.002U	<0.0038U	<0.002U	<0.002U	<0.002U	-	-	-	<0.38U	<0.38U	-	<0.38U	<0.38U	<0.38U
Athletic Field	SSHS-B39	0.5-2.5	9/12/2000	70.9	<0.0018U	<0.0018U	<0.0018U	-	<0.0018U	<0.0036U	<0.0018U	<0.0018U	<0.0018U	<0.0036U	-	<1.8U	<1.8U	0.22J	-	<1.8U	0.36J	0.46J
Athletic Field	SSHS-B40	0.5-2.5	9/12/2000	81.5	<0.0019U	<0.0019U	<0.0019U	-	<0.0019U	<0.0037U	<0.0019U	<0.0019U	<0.0019U	<0.0037U	-	<1.9U	<1.9U	<1.9U	-	<1.9U	<1.9U	<1.9U
Athletic Field	SSHS-B41	0.5-2.5	9/12/2000	138	<0.019U	<0.019U	<0.019U	-	<0.019U	<0.037U	<0.019U	<0.019U	<0.019U	<0.037U	-	<0.37U	<0.37U	<0.37U	-	<0.37U	<0.37U	<0.37U
Athletic Field	SSHS-B42	0.5-2.5	9/12/2000	844	<0.019U	<0.019U	<0.019U	-	<0.019U	<0.037U	<0.019U	<0.019U	<0.019U	<0.037U	-	<0.75U	<0.75U	<0.75U	-	<0.75U	<0.75U	0.81
Athletic Field	SSHS-B42-A	3-5	8/15/2014	70B	<0.00029U	<0.0005U	<0.00038U	<0.00038U	<0.00025U	<0.00029U	<0.00032U	<0.00036U	<0.00038U	<0.00038U	<0.035U	<0.013J	<0.0075U	0.078	<0.032U	0.12	0.53	0.47
Athletic Field	SSHS-B42-A	7-9	8/15/2014	58B	<0.00029U	<0.00049U	<0.00038U	<0.00037U	<0.00025U	<0.00028U	<0.00031U	<0.00036U	<0.00037U	<0.00037U	<0.034U	<0.0068U	<0.0073U	<0.0087U	<0.031U	<0.0075U	<0.0095U	<0.0076U
Athletic Field	SSHS-B42-A	11-13	8/15/2014	52B	<0.00028U	<0.00047U	<0.00036U	<0.00036U	<0.00024U	<0.00027U	<0.0003U	<0.00034U	<0.00035U	<0.00035U	<0.033U	<0.0066U	<0.007U	<0.0084U	<0.03U	<0.0071U	<0.0091U	<0.0073U
Athletic Field	SSHS-B43	0.5-2.5	9/12/2000	70	<0.002U	<0.002U	<0.002U	-	<0.002U	<0.004U	<0.002U	<0.002U	<0.002U	<0.004U	-	<0.4U	<0.4U	<0.4U	-	<0.4U	<0.4U	<0.4U
Athletic Field	SSHS-B43-A	2-6	8/15/2014	56B	<0.00028U	<0.00048U	<0.00037U	<0.0019U	<0.00024U	0.0076	<0.0019U	<0.00035U	0.0038	<0.0019U	<0.033U	<0.0067U	<0.0072U	<0.0085U	<0.031U	<0.0073U	<0.0093U	<0.0075U
Athletic Field	SSHS-B43-A	7-9	8/15/2014	44B	<0.00027U	<0.00046U	<0.00035U	<0.00035U	<0.00023U	<0.00026U	<0.0003U	<0.00033U	<0.00034U	<0.00034U	<0.032U	<0.0064U	<0.0068U	<0.0081U	<0.029U	<0.0069U	<0.0089U	<0.0071U
Athletic Field	SSHS-B43-A	11.5-13.5	8/15/2014	43B	<0.00026U	<0.00044U	<0.00034U	<0.00033U	<0.00022U	<0.00025U	<0.00028U	<0.00032U	<0.00033U	<0.00033U	<0.031U	<0.0062U	<0.0066U	<0.0079U	<0.028U	<0.0067U	<0.0086U	<0.0069U
Athletic Field	SSHS-B44	0.5-2.5	9/13/2000	53.5	<0.0019U	<0.0019U	<0.0019U	-	<0.0019U	<0.0036U	<0.0019U	<0.0019U	<0.0019U	<0.0036U	-	<0.36U	<0.36U	<0.36U	-	<0.36U	<0.36U	<0.36U
Athletic Field	SSHS-B45	0.5-2.5	9/13/2000	53	<0.0019U	<0.0019U	<0.0019U	-	<0.0019U	<0.0037U	<0.0019U	<0.0019U	<0.0019U	<0.0037U	-	<0.37U	<0.37U	<0.37U	-	<0.37U	<0.37U	<0.37U
Athletic Field	SSHS-B46	0.5-2.5	9/13/2000	45.9	<0.0019U	<0.0019U	<0.0019U	-	<0.0019U	<0.0037U	<0.0019U	<0.0019U	<0.0019U	<0.0037U	-	<0.37U	<0.37U	<0.37U	-	<0.37U	<0.37U	<0.37U
Athletic Field	SSHS-B46	8-10	9/13/2000	41.5	<0.0018U	<0.0018U	<0.0018U	-	<0.0018U	<0.0034U	<0.0018U	<0.0018U	<0.0018U	<0.0034U	-	<0.34U	<0.34U	<0.34U	-	<0.34U	<0.34U	<0.34U
Athletic Field	SSHS-B47	3-5	9/13/2000	98.8	<0.0018U	<0.0018U	<0.0018U	-	<0.0018U	<0.0036U	<0.0018U	<0.0018U	<0.0018U	<0.0036U	-	<0.36U	<0.36U	<0.36U	-	<0.36U	<0.36U	<0.36U
Athletic Field	SSHS-B48	0.5-2.5	9/13/2000	39.4	<0.02U	<0.02U	<0.02U	-	<0.02U	<0.038U	<0.02U	<0.02U	<0.02U	<0.038U	-	<0.38U	<0.38U	<0.38U	-	<0.38U	<0.38U	<0.38U
Athletic Field	SSHS-B50	0.5-2.5	9/13/2000	63.2	<0.0019U	<0.0019U	<0.0019U	-	<0.0019U	<0.0037U	<0.0019U	<0.0019U	<0.0019U	<0.0037U	-	<0.37U	<0.37U	<0.37U	-	<0.37U	<0.37U	<0.37U
Athletic Field	SSHS-B50	4-7	9/13/2000	61.5	<0.0019U	<0.0019U	<0.0019U	-	<0.0019U	<0.0037U	<0.0019U	<0.0019U	<0.0019U	<0.0037U	-	<0.37U	<0.37U	<0.37U	-	<0.37U	<0.37U	<0.37U
Athletic Field	SSHS-B51	0.5-2.5	9/13/2000	69.7	<0.019U	<0.019U	<0.019U	-	<0.019U	<0.036U	<0.019U	<0.019U	<0.019U	<0.036U	-	<1.8U	<1.8U	2.8	-	<1.8U	4.4	5.4
Athletic Field	SSHS-B52	0.5-2.5	9/13/2000	61.8	<0.018U	<0.018U	<0.018U	-	<0.018U	<0.036U	<0.018U	<0.018U	<0.018U	<0.036U	-	<0.36U	<0.36U	<0.36U	-	<0.36U	<0.36U	<0.36U
Athletic Field	SSHS-B52	4-6	9/13/2000	27.3	<0.0018U	<0.0018U	<0.0018U	-	<0.0018U	<0.0036U	<0.0018U	<0.0018U	<0.0018U	<0.0036U	-	<0.36U	<0.36U	<0.36U	-	<0.36U	<0.36U	<0.36U
Athletic Field	SSHS-B53	0.5-2.5	9/13/2000	39.8	<0.0019U	<0.0019U	<0.0019U	-	<0.0019U	<0.0036U	<0.0019U	<0.0019U	<0.0019U	<0.0036U	-	<0.36U	<0.36U	<0.36U	-	<0.36U	<0.36U	<0.36U
Athletic Field	SSHS-B54	0.5-2.5	9/13/2000	46.6	<0.002U	<0.002U	<0.002U	-	<0.002U	<0.0039U	<0.002U	<0.002U	<0.002U	<0.0039U	-	<1.9U	<1.9U	<1.9U	-	<1.9U	<1.9U	<1.9U
Athletic Field	SSHS-B54	4-6	9/13/2000	72.2	<0.002U	<0.002U	<0.002U	-	<0.002U	<0.0038U	<0.002U	<0.002U	<0.002U	<0.0038U	-	<0.38U	<0.38U	<0.38U	-	<0.38U	<0.38U	<0.38U
Athletic Field	SSHS-B55	0.5-2.5	9/13/2000	86.1	<0.0019U	<0.0019U	<0.0019U	-	<0.0019U	<0.0038U	<0.0019U	<0.0019U	<0.0019U	<0.0038U	-	<0.38U	<0.38U	<0.38U	-	<0.38U	0.78	0.88
Athletic Field	SSHS-B56	0.5-2.5	9/13/2000	66	<0.0018U	<0.0018U	<0.0018U	-	<0.0018U	<0.0035U	<0.0018U	<0.0018U	<0.0018U	<0.0035U	-	<0.35U	<0.35U	<0.35U	-	<0.35U	<0.35U	<0.35U
Athletic Field	SSHS-B57	0.5-2.5	9/13/2000	76.7	<0.0018U	<0.0018U	<0.0018U	-	<0.0018U	<0.0035U	<0.0018U	<0.0018U	<0.0018U	<0.0035U	-	<0.35U	<0.35U	<0.35U	-	<0.35U	0.4	0.41
Athletic Field	SSHS-B572	10-12	9/2/2016	-	-	-	-	-	-	-	-	-	-	-	<0.032U	0.0077J	<0.0068U	<0.0082U	<0.029U	<0.007U	0.068J	0.055J
Athletic Field	SSHS-B572	12-14	9/2/2016	-	-	-	-	-	-	-	-	-	-	-	<0.032U	<0.0065U	<0.007U	<0.0083U	<0.03U	<0.0071U	0.18	0.059J
Athletic Field	SSHS-B572	14-16	9/2/2016	-	-	-	-	-	-	-	-	-	-	-	<0.031U	0.0078J	<0.0068U	0.039J	<0.029U	<0.0069U	0.088	0.065J
Athletic Field	SSHS-B572	16-18	9/2/2016	-	-	-	-	-	-	-	-	-	-	-	<0.032U	<0.0065U	<0.0069U	<0.0082U	<0.03U	<0.007U	0.16	0.082
Athletic Field	SSHS-B58	0.5-2.5	9/13/2000	72.1	<0.0019U	<0.0019U	<0.0019U	-	<0.0019U	<0.0038U	<0.0019U	<0.0019U	<0.0019U	<0.0038U	-	<0.38U	<0.38U	<0.38U	-	<0.38U	<0.38U	<0.38U
Athletic Field	SSHS-B59	0.5-2.5	9/13/2000	62.5	<0.0018U	<0.0018U	<0.0018U	-	<0.0018U	<0.0036U	<0.0018U	<0.0018U	<0.0018U	<0.0036U	-	<0.36U	<0.36U	<0.36U	-	<0.36U	<0.36U	<0.36U
A-Wing	SSHS-B15	4-5	5/10/2000	205	<0.002U	<0.002U	-	-	<0.002U	<0.0039U	<0.002U	<0.002U	<0.002U	-	-	-	<0.39U	0.22J	-	0.26J	0.96	1.3
Cafeteria	SSHS-B21	1-4	5/9/2000	128N	<0.002U	<0.002U	-	-	<0.002U	<0.0038U	<0.002U	<0.002U	<0.002U	-	-	-	<0.38U	<0.38U	-	<0.38U	0.13J	0.12J
Cafeteria	SSHS-B22	2-4	5/9/2000	86.3N	<0.0019U	0.0068	-	-	<0.0019U	<0.0037U	<0.0019U	<0.0019U	<0.0019U	-	-	-	0.044J	<0.37U	-	0.15J	0.36J	0.33J
Cafeteria	SSHS-SB-1	1.5-3.5	3/31/2014	95	<0U	<0U	<0U	-	<0U	0.0047	0.012	<0U	<0U	-	-	-	<0U	<0U	-	<0U	0.15	0.15
Cafeteria	SSHS-SB-1	3.5-4	3/31/2014	190	<0U	<0U	<0U	-	<0U	<0U	<0U	<0U	<0U	-	-	-	<0U	<0U	-	0.28	0.79	0.72

TABLE 10B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Siet - North Portion
Elmira, New York

				SVOCs															
				Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Di-n-butyl phthalate	Di-n-octyl phthalate	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00057	0.00036	0.00073	0.003	0.0025	0.00034	0.00044	0.0004	0.0018	0.0023	0.0019	0.00039	0.00048	0.00037	0.00032	0.0006	0.00037
Restricted Residential SCO				1	100	3.9				3.9	0.33	59			100	100	0.5	100	100	100
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																	
Athletic Field	SSHS-B10	2-3	5/10/2000	0.092J	0.093J	0.099J	-	-	-	0.13J	<0.4U	<0.4U	-	-	0.19J	<0.4U	0.076J	<0.4U	0.094J	0.21J
Athletic Field	SSHS-B11	1-3	5/10/2000	0.068J	0.12J	0.072J	-	-	-	0.071J	<0.38U	<0.38U	-	-	0.11J	<0.38U	0.071J	0.045J	0.047J	0.1J
Athletic Field	SSHS-B12	1-4	5/10/2000	<0.38U	<0.38U	<0.38U	-	-	-	0.043J	<0.38U	<0.38U	-	-	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U
Athletic Field	SSHS-B39	0.5-2.5	9/12/2000	0.4J	0.62J	0.37J	<1.8U	<1.8U	<1.8U	0.39J	0.19J	<1.8U	<1.8U	<1.8U	0.65J	<1.8U	0.42J	0.27J	0.38J	0.53J
Athletic Field	SSHS-B40	0.5-2.5	9/12/2000	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U
Athletic Field	SSHS-B41	0.5-2.5	9/12/2000	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U
Athletic Field	SSHS-B42	0.5-2.5	9/12/2000	<0.75U	<0.75U	<0.75U	<0.75U	<0.75U	<0.75U	1.1	<0.75U	<0.75U	<0.75U	<0.75U	<0.75U	<0.75U	<0.75U	<0.75U	2	<0.75U
Athletic Field	SSHS-B42-A	3-5	8/15/2014	0.51	0.37	0.28	<0.063U	<0.053U	<0.038J	0.55	0.095	<0.038U	<0.049U	<0.041U	0.98	<0.021J	0.32	<0.041J	0.5	0.8
Athletic Field	SSHS-B42-A	7-9	8/15/2014	<0.012U	<0.0076U	<0.015U	<0.062U	<0.052U	<0.007U	<0.0091U	<0.0085U	<0.037U	<0.048U	<0.04U	<0.0081U	<0.01U	<0.0078U	<0.0066U	<0.012U	<0.0077U
Athletic Field	SSHS-B42-A	11-13	8/15/2014	<0.011U	<0.0073U	<0.015U	<0.059U	<0.05U	<0.0067U	<0.0087U	<0.0081U	<0.036U	<0.046U	<0.038U	<0.0078U	<0.0096U	<0.0075U	<0.0063U	<0.012U	<0.0074U
Athletic Field	SSHS-B43	0.5-2.5	9/12/2000	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U
Athletic Field	SSHS-B43-A	2-6	8/15/2014	<0.012U	<0.0074U	<0.015U	<0.06U	<0.051U	<0.0069U	<0.0089U	<0.0083U	<0.037U	<0.047U	<0.039U	<0.008U	<0.0098U	<0.0077U	<0.0064U	<0.012U	<0.0075U
Athletic Field	SSHS-B43-A	7-9	8/15/2014	<0.011U	<0.0071U	<0.014U	<0.057U	<0.048U	<0.0065U	<0.0084U	<0.0079U	<0.035U	<0.044U	<0.037U	<0.0076U	<0.0093U	<0.0073U	<0.0061U	<0.011U	<0.0072U
Athletic Field	SSHS-B43-A	11.5-13.5	8/15/2014	<0.011U	<0.0068U	<0.014U	<0.056U	<0.047U	<0.0063U	<0.0082U	<0.0077U	<0.034U	<0.043U	<0.036U	<0.0074U	<0.0091U	<0.0071U	<0.0059U	<0.011U	<0.007U
Athletic Field	SSHS-B44	0.5-2.5	9/13/2000	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U
Athletic Field	SSHS-B45	0.5-2.5	9/13/2000	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U
Athletic Field	SSHS-B46	0.5-2.5	9/13/2000	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U
Athletic Field	SSHS-B46	8-10	9/13/2000	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U
Athletic Field	SSHS-B47	3-5	9/13/2000	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U
Athletic Field	SSHS-B48	0.5-2.5	9/13/2000	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U
Athletic Field	SSHS-B50	0.5-2.5	9/13/2000	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U
Athletic Field	SSHS-B50	4-7	9/13/2000	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U
Athletic Field	SSHS-B51	0.5-2.5	9/13/2000	5.2	4.9	4.6	<1.8U	<1.8U	<1.8U	5.1	<1.8U	<1.8U	<1.8U	<1.8U	5.9	<1.8U	4	<1.8U	<1.8U	8.6
Athletic Field	SSHS-B52	0.5-2.5	9/13/2000	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U
Athletic Field	SSHS-B52	4-6	9/13/2000	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U
Athletic Field	SSHS-B53	0.5-2.5	9/13/2000	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U
Athletic Field	SSHS-B54	0.5-2.5	9/13/2000	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	2.1	<1.9U	<1.9U	<1.9U	<1.9U	2.9	<1.9U	<1.9U	<1.9U	3.2	2.1
Athletic Field	SSHS-B54	4-6	9/13/2000	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U
Athletic Field	SSHS-B55	0.5-2.5	9/13/2000	0.8	0.71	0.72	0.91	<0.38U	<0.38U	0.94	<0.38U	<0.38U	<0.38U	<0.38U	1.8	<0.38U	0.65	<0.38U	0.5	1.5
Athletic Field	SSHS-B56	0.5-2.5	9/13/2000	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U
Athletic Field	SSHS-B57	0.5-2.5	9/13/2000	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	0.39	<0.35U	<0.35U	<0.35U	<0.35U	0.63	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U
Athletic Field	SSHS-B572	10-12	9/2/2016	0.068J	0.061J	0.037J	<0.058U	<0.049U	<0.0066U	0.093	0.011J	<0.035U	<0.045U	<0.038U	0.11	<0.0094U	0.043J	<0.0061U	<0.011U	0.14
Athletic Field	SSHS-B572	12-14	9/2/2016	0.11	0.047J	0.037J	<0.058U	<0.049U	<0.0067U	0.46	<0.0081U	<0.036U	<0.045U	<0.038U	<0.0077U	0.16	0.05J	<0.0062U	0.48	<0.0073U
Athletic Field	SSHS-B572	14-16	9/2/2016	0.088	0.071	0.037J	<0.057U	<0.048U	<0.0065U	0.16	<0.0078U	<0.035U	<0.044U	<0.037U	0.17	<0.0093U	0.045J	0.018J	<0.011U	0.19
Athletic Field	SSHS-B572	16-18	9/2/2016	0.12	0.058J	0.042J	<0.058U	<0.049U	<0.0066U	0.47	<0.008U	<0.035U	<0.045U	<0.038U	0.42	<0.0095U	0.053J	<0.0062U	<0.011U	0.41
Athletic Field	SSHS-B58	0.5-2.5	9/13/2000	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U
Athletic Field	SSHS-B59	0.5-2.5	9/13/2000	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U
A-Wing	SSHS-B15	4-5	5/10/2000	1.9	0.96	1.2	-	-	-	1.5	0.36J	<0.39U	-	-	1.1	<0.39U	0.87	0.06J	0.24J	1.7
Cafeteria	SSHS-B21	1-4	5/9/2000	0.11J	0.093J	0.12J	-	-	-	0.16J	<0.38U	<0.38U	-	-	0.23J	<0.38U	0.076J	<0.38U	0.12J	0.26J
Cafeteria	SSHS-B22	2-4	5/9/2000	0.28J	0.29J	0.26J	-	-	-	0.37	0.1J	<0.37U	-	-	0.75	<0.37U	0.24J	<0.37U	0.57	<0.81U
Cafeteria	SSHS-SB-1	1.5-3.5	3/31/2014	0.17	0.1	0.078	-	-	-	0.17	<0U	<0U	-	-	0.22	<0U	0.077	<0U	0.12	0.27
Cafeteria	SSHS-SB-1	3.5-4	3/31/2014	0.9	0.5	0.38	-	-	-	0.85	0.096	<0U	-	-	1.6	<0U	0.39	<0U	1.2	1.9

TABLE 10B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Siet - North Portion
Elmira, New York

				VOCs																		
				Benzene	Ethylbenzene	Toluene	Xylene (m & p)	Xylene Total	1,2-Dichloroethene	Chloroform	cis-1,2-dichloroethene	Dichloromethane	Trichloroethene	Tetrachloroethene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Methyl Ethyl Ketone	Acetone	Carbon disulfide
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00046	0.00044	0.00049	0.001	0.0029	0.0015	0.0004	0.00048	0.00046	0.00045	0.00046			0.00046					0.0006	0.0034	0.00035
Restricted Residential SCO				4.8	41	100		100		49	100	100	21	19	52	52		100	100		100	100	100	
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																					
Cafeteria	SSHS-SB-2	1.5-3.5	3/31/2014	<0U	<0U	<0U	-	<0U	-	<0U	<0U	0.0014	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	0.011	-
Cafeteria	SSHS-SB-2	3.5-6	3/31/2014	0.004	0.0089	0.0056	-	0.051	-	<0U	<0U	<0U	<0U	<0U	0.079	0.079	0.0043	0.0075	0.0075	0.0034	0.0044	0.023	0.11	-
Cafeteria	SSHS-SB-3	1.5-3.5	3/31/2014	<0U	<0U	<0U	-	<0U	-	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	0.023	-
Cafeteria	SSHS-SB-3	3.5-6	3/31/2014	<0U	<0U	<0U	-	<0U	-	<0U	<0U	0.0014	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	0.016	-
Cafeteria	SSHS-SB-4	1.5-3.5	3/31/2014	<0U	<0U	<0U	-	<0U	-	<0U	<0U	<0U	0.0028	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	-
Cafeteria	SSHS-SB-4	3.5-4	3/31/2014	<0U	<0U	<0U	-	<0U	-	<0U	<0U	<0U	0.0016	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	-
Cafeteria	SSHS-SB-5	1.5-3.5	3/31/2014	<0U	<0U	<0U	-	<0U	-	<0U	<0U	<0U	0.00085	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	0.025	-
Cafeteria	SSHS-SB-5	3.5-6	3/31/2014	<0U	<0U	<0U	-	<0U	-	<0U	<0U	0.0017	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	0.021	-
Cafeteria	SSHS-SB-6	1.5-3.5	3/31/2014	<0U	<0U	<0U	-	<0U	-	<0U	<0U	<0U	0.0012	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	0.0094	-
Cafeteria	SSHS-SB-6	3.5-6	3/31/2014	<0U	<0U	<0U	-	<0U	-	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	-
East of Gymnasium	SSHS-B25	1-4	5/9/2000	<0.0054U	<0.0054U	<0.0054U	<0.0054U	-	-	0.0015J	<0.0054U	<0.0054U	<0.0054U	0.0042J	-	-	-	-	-	-	-	<0.011U	<0.021U	-
East of Gymnasium	SSHS-B25	8-12	5/9/2000	<0.006U	<0.0024U	<0.006U	<0.006U	-	-	0.0024J	<0.0024U	<0.0024U	<0.006U	0.017	-	-	-	-	-	-	-	<0.012U	0.0064J	-
East of Gymnasium	SSHS-B26	4-6	5/8/2000	<0.0052U	<0.0052U	<0.0052U	<0.0052U	-	-	<0.0052U	<0.0052U	<0.0052U	0.014	0.0015J	-	-	-	-	-	-	-	<0.01U	<0.021U	-
East of Gymnasium	SSHS-B26-A	2-6	8/14/2014	<0.00057U	<0.00055U	<0.00062U	<0.0012U	-	-	<0.0005U	<0.0006U	<0.00057U	<0.00056U	<0.00058U	-	-	<0.00058U	-	-	-	-	<0.00075U	<0.0042U	<0.00043U
East of Gymnasium	SSHS-B26-A	6-8	8/14/2014	<0.00057U	<0.00054U	<0.00062U	<0.0012U	-	-	<0.00049U	<0.00059U	<0.00057U	<0.00056U	<0.00057U	-	-	<0.00057U	-	-	-	-	<0.00074U	<0.0042U	<0.00043U
East of Gymnasium	SSHS-B26-A	13.5-15.5	8/14/2014	<0.00057U	<0.00054U	<0.00061U	<0.0012U	-	-	<0.00049U	<0.00059U	<0.00056U	<0.00055U	<0.00057U	-	-	<0.00057U	-	-	-	-	<0.00074U	<0.0042U	<0.00043U
East of Gymnasium	SSHS-B27	2-3	5/8/2000	<0.0052U	<0.0053U	<0.0053U	<0.0053U	-	-	<0.0053U	0.02	<0.0053U	<0.02U	<0.023U	-	-	-	-	-	-	-	<0.011U	<0.021U	-
East of Gymnasium	SSHS-B28	4-8	5/8/2000	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	-	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	-	-	-	-	-	-	<0.011U	<0.022U	-
East of Gymnasium	SSHS-B28	8-12	5/8/2000	<0.0059U	<0.0059U	<0.0059U	<0.0059U	-	-	<0.0059U	<0.0059U	<0.0059U	<0.0059U	<0.0059U	-	-	-	-	-	-	-	<0.012U	<0.023U	-
East of Gymnasium	SSHS-B29	1-4	5/8/2000	<0.0055U	<0.0055U	0.01	<0.0014U	-	-	0.0015J	<0.0055U	0.0043J	0.051	0.0029J	-	-	-	-	-	-	-	<0.011U	<0.022U	-
East of Gymnasium	SSHS-B29-A	2-6	8/13/2014	<0.00057U	<0.00054U	<0.00062U	<0.0012U	-	-	<0.0005U	<0.0006U	<0.00057U	<0.00056U	<0.00058U	-	-	<0.00058U	-	-	-	-	<0.00075U	<0.0042U	<0.00043U
East of Gymnasium	SSHS-B29-A	8-10	8/13/2014	<0.00068U	<0.00065U	<0.00074U	<0.0015U	-	-	<0.00059U	<0.00071U	<0.00068U	<0.00067U	<0.00069U	-	-	<0.00069U	-	-	-	-	<0.00089U	<0.0051U	<0.00052U
East of Gymnasium	SSHS-B29-A	10-12	8/13/2014	<0.00059U	<0.00056U	<0.00064U	<0.0013U	-	-	<0.00051U	<0.00062U	<0.00059U	<0.00058U	<0.0006U	-	-	<0.0006U	-	-	-	-	<0.00077U	<0.0044U	<0.00097J
East of Gymnasium	SSHS-B30	1-4	5/8/2000	<0.0055U	<0.0055U	<0.0055U	<0.0055U	-	-	<0.0055U	<0.0055U	0.0011J	<0.0055U	<0.0055U	-	-	-	-	-	-	-	<0.011U	<0.022U	-
East of Gymnasium	SSHS-B30	4-8	5/8/2000	<0.0058U	<0.0058U	<0.0058U	<0.0058U	-	-	<0.0058U	<0.0058U	<0.0012J	<0.0058U	<0.0058U	-	-	-	-	-	-	-	<0.012U	<0.023U	-
East of Gymnasium	SSHS-B32	1-4	5/8/2000	<0.0052U	<0.0052U	<0.0052U	<0.0052U	-	-	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.0052U	-	-	-	-	-	-	-	<0.01U	<0.021U	-
East of Gymnasium	SSHS-B34	1-4	5/9/2000	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	-	<0.0056U	<0.0056U	0.0022J	<0.0056U	<0.0056U	-	-	-	-	-	-	-	<0.011U	<0.022U	-
East of Gymnasium	SSHS-B34	4-6	5/9/2000	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	-	<0.0056U	<0.0056U	<0.0056U	<0.0056U	0.0022J	-	-	-	-	-	-	-	<0.011U	<0.022U	-
East of Gymnasium	SSHS-B575A	14-16	9/19/2016	<0.003U	<0.002U	<0.0036U	<0.0019U	<0.0045U	0.017	<0.0012U	0.017	0.0049U	0.0089	0.041	-	-	<0.0034U	-	-	-	-	<0.0029U	0.016J	<0.0021U
East of Gymnasium	SSHS-B575A	16-18	9/19/2016	<0.003U	<0.0019U	<0.0035U	<0.0019U	<0.0044U	<0.0023U	<0.0012U	0.0019J	0.0049U	<0.0011U	<0.0012U	-	-	<0.0034U	-	-	-	-	<0.0029U	<0.01U	<0.0021U
East of Gymnasium	SSHS-B575B	14-16	9/19/2016	<0.0049U	<0.0032U	<0.0059U	<0.0032U	<0.0074U	0.0065J	<0.002U	0.0065J	0.0082U	0.0035J	0.047	-	-	<0.0056U	-	-	-	-	<0.0049U	<0.017U	<0.0035U
East of Gymnasium	SSHS-B575B	18-20	9/19/2016	<0.0029U	<0.0019U	<0.0035U	<0.0019U	<0.0043U	<0.0023U	<0.0012U	<0.0013U	0.0048U	<0.0011U	<0.0012U	-	-	<0.0033U	-	-	-	-	<0.0028U	0.025	<0.002U
East of Gymnasium	SSHS-B575C	15-17	9/19/2016	<0.0029U	<0.0019U	<0.0035U	<0.0019U	<0.0044U	<0.0023U	<0.0012U	<0.0013U	0.0048U	<0.0011U	<0.0012U	-	-	0.012J	-	-	-	-	<0.0029U	0.014J	<0.0021U
East of Gymnasium	SSHS-B575C	20-22	9/19/2016	<0.0019U	<0.0013U	<0.0023U	<0.0013U	<0.0029U	<0.0015U	<0.0008U	<0.00086U	0.0032U	<0.00072U	<0.0008U	-	-	<0.0022U	-	-	-	-	<0.0019U	<0.0066U	<0.0014U
East of Gymnasium	SSHS-B99	2-6	8/13/2014	<0.00057U	<0.00055U	<0.00062U	<0.0012U	-	-	<0.0005U	<0.0006U	<0.00057U	<0.0032J	<0.00058U	-	-	<0.00058U	-	-	-	-	<0.00075U	<0.0042U	<0.00043U
East of Gymnasium	SSHS-B99	6-10	8/13/2014	<0.00052U	<0.00049U	<0.00056U	<0.0011U	-	-	<0.00045U	<0.00054U	<0.00052U	<0.0032J	<0.00052U	-	-	<0.00052U	-	-	-	-	<0.00068U	<0.0038U	<0.00039U
East of Gymnasium	SSHS-B99	10-14.5	8/13/2014	<0.00058U	<0.00055U	<0.00062U	<0.0013U	-	-	<0.0005U	<0.0006U	<0.00057U	<0.00056U	<0.00058U	-	-	<0.00058U	-	-	-	-	<0.00075U	<0.0043U	<0.00044U
East of Gymnasium	SSHS-MWD	2-4	5/6/2003	<1.4U	16	3.8	<55U	-	-	<1.4U	<1.4U	<1.4U	0.37J	<1.4U	-	-	-	-	-	-	-	0.48J	<5.7U	<2.9U
Football Field	SSHS-FB1	6-8	6/29/2000	<0.006U	<0.006U	<0.006U	<0.006U	-	-	<0.006U	<0.006U	<0.006U	<0.006U	0.0035J	-	-	-	-	-	-	-	0.0018J	0.0088J	-
Football Field	SSHS-FB1	16-18	6/29/2000	<0.0062U	<0.0062U	<0.0062U	<0.0062U	-	-	<0.0062U	<0.0062U	<0.0062U	<0.0062U	0.0052J	-	-	-	-	-	-	-	<0.012U	<0.025U	-
Football Field	SSHS-FB10	1-3	6/29/2000	<0.0058U	<0.0058U	<0.0058U	<0.0058U	-	-	<0.0058U	<0.0058U	<0.0058U	0.034	0.01	-	-	-	-	-	-	-	<0.012U	<0.023U	-
Football Field	SSHS-FB11	1-3	6/29/2000	<0.006U	<0.006U	<0.006U	<0.006U	-	-	<0.006U	<0.006U	<0.006U	<0.024U	0.0031J	-	-	-	-	-	-	-	<0.012U	<0.024U	-

TABLE 10B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Siet - North Portion
Elmira, New York

					Inorganics		Metals																						
				Cyclohexane	Cyanide Total	Sodium	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (III+VI)	Chromium (Trivalent)	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Thallium	Tin	Vanadium
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00025	0.15	55	7.9	0.14	0.39	7.9	0.16	0.014	200	0.2		2	0.99	3.9	0.39	200	0.59	0.008	1.6	200	0.25	0.038	0.14		2
Restricted Residential SCO					27				16	400	72	4.3		110	180		270		400		2000	0.81	310		180	180			
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																										
Cafeteria	SSHS-SB-2	1.5-3.5	3/31/2014	-	<0U	650	4400	2	14	320	0.32	1	11,000	46	46	13	300	46,000	360	1400	750	0.033	180	520	2.1	0.59	0.49	-	16
Cafeteria	SSHS-SB-2	3.5-6	3/31/2014	-	<0U	40	3400	7.8	2.8	110	0.46	8.1	6000	350	350	20	420	210,000	2200	1500	1100	0.11	790	470	<0U	1.1	<0U	-	30
Cafeteria	SSHS-SB-3	1.5-3.5	3/31/2014	-	<0U	190	7200	1.2	7.3	120	0.3	1.4	29,000	22	-	7.9	95	32,000	91	4700	530	0.048	79	570	<0U	0.25	0.49	-	14
Cafeteria	SSHS-SB-3	3.5-6	3/31/2014	-	<0U	120	7900	1	4.9	140	0.36	0.41	8500	10	-	6.9	40	20,000	320	2300	400	0.014	23	550	1.4	0.17	<0U	-	13
Cafeteria	SSHS-SB-4	1.5-3.5	3/31/2014	-	6.9	280	5300	0.84	8.6	84	0.24	0.68	12,000	20	-	6.5	360	20,000	110	2500	590	0.065	83	500	1.2	0.32	<0U	-	12
Cafeteria	SSHS-SB-4	3.5-4	3/31/2014	-	10	1800	6900	1.7	20	130	0.3	0.7	8100	30	-	7.4	380	27,000	270	2000	610	0.081	87	720	2.4	0.37	<0U	-	13
Cafeteria	SSHS-SB-5	1.5-3.5	3/31/2014	-	3.2	170	8300	1.2	8.5	150	0.34	0.95	16,000	52	52	7	99	24,000	200	3100	430	0.055	200	540	0.99	0.2	<0U	-	13
Cafeteria	SSHS-SB-5	3.5-6	3/31/2014	-	<0U	81	7100	0.95	5.8	110	0.23	1.3	20,000	10	-	7.3	50	23,000	47	3700	470	0.037	30	480	1	0.22	<0U	-	12
Cafeteria	SSHS-SB-6	1.5-3.5	3/31/2014	-	1.9	150	7300	0.99	8.5	99	0.33	0.49	15,000	56	56	6.7	97	20,000	120	3400	380	0.057	140	570	1.2	0.2	<0U	-	11
Cafeteria	SSHS-SB-6	3.5-6	3/31/2014	-	<0U	160	6500	0.59	7.3	56	0.24	0.52	31,000	9	-	6.1	28	16,000	24	5600	400	0.012	20	570	<0U	0.13	<0U	-	9.4
East of Gymnasium	SSHS-B25	1-4	5/9/2000	-	<1.07U	-	-	-	4.7N*	43.3	<0.52U	<0.52U	-	9.6	-	-	28N*	-	20.5N*	-	-	<0.05UN	18N	-	<0.52U	<1U	-	-	-
East of Gymnasium	SSHS-B25	8-12	5/9/2000	-	4.4	-	-	-	8.4N*	26.6	<0.59U	<0.59U	-	<7.6U	-	-	33.7N*	-	<9.2N*	-	-	<0.05UN	<20.4N*	-	<0.6U	<1.2U	-	-	-
East of Gymnasium	SSHS-B26	4-6	5/8/2000	-	<1.04U	-	-	-	3.6N	40.3	<0.5U	<0.5U	-	10.8	-	-	25.4*	-	14.8*	-	-	<0.05U	22.4*	-	<0.5U	<1U	-	-	-
East of Gymnasium	SSHS-B26-A	2-6	8/14/2014	<0.00031U	0.76B	<110J	6700	<0.22U	16	130	<0.3J	<0.11J	23,000	18	-	7	66	29,000	69	4600	430	<0.02J	65	600	<0.64J	<0.044U	<0.23J	-	16
East of Gymnasium	SSHS-B26-A	6-8	8/14/2014	<0.00031U	<0.55U	<66J	5700	<0.19U	6.1	82	<0.23J	<0.045J	45,000	11	-	5.5	28	14,000	6.7	8600	420	<0.011U	47	630	<0.26U	<0.039U	<0.14U	-	11
East of Gymnasium	SSHS-B26-A	13.5-15.5	8/14/2014	<0.00031U	0.62B	<78J	5000	<0.56J	6.6	53	<0.2J	<0.015U	47,000	7.1	-	<4.7J	23	13,000B	5.3	12,000	480	<0.011U	18	550B	<0.7J	<0.044U	<0.16U	-	8.7
East of Gymnasium	SSHS-B27	2-3	5/8/2000	-	<1.06U	-	-	-	2.6N	<135U	<0.52U	<0.52U	-	7.5	-	-	30.3*	-	<102*	-	-	<0.05U	<43.7*	-	<0.52U	<1U	-	-	-
East of Gymnasium	SSHS-B28	4-8	5/8/2000	-	<1.11U	-	-	-	6.2N	44	<0.53U	<0.53U	-	6.7	-	-	24.1*	-	9.9*	-	-	<0.05U	14.4*	-	<0.53U	<1.1U	-	-	-
East of Gymnasium	SSHS-B28	8-12	5/8/2000	-	<1.17U	-	-	-	5.1N	30.8	<0.57U	<0.57U	-	7.6	-	-	20.6*	-	9.8*	-	-	<0.06U	15.3*	-	<0.57U	<1.1U	-	-	-
East of Gymnasium	SSHS-B29	1-4	5/8/2000	-	<1.09U	-	-	-	5.9N	59.4	<0.54U	<0.54U	-	12.2	-	-	56*	-	31*	-	-	<0.05U	43.9*	-	<0.54U	<1.1U	-	-	-
East of Gymnasium	SSHS-B29-A	2-6	8/13/2014	<0.00031U	<0.23J	<520U	7100	<0.21U	7.3	54	<0.29J	<0.047J	17,000J	10B	-	6.1	18	16,000	10	3500	290	<0.02J	100J	590	<0.45J	<0.042U	<0.15U	-	10
East of Gymnasium	SSHS-B29-A	8-10	8/13/2014	<0.00038U	<0.43J	<540U	5100	<0.21U	8.3	56	<0.22J	<0.072J	49,000	9.1B	-	<4.8J	30	14,000	7.6	11,000	370	<0.011U	31B	680	<0.45J	<0.043U	<0.16U	-	11
East of Gymnasium	SSHS-B29-A	10-12	8/13/2014	<0.00033U	<0.23J	<500U	4700	<0.2U	5.2	37	<0.2J	<0.054J	49,000	7.5B	-	<4.5J	16	11,000	5.2	8900	320	<0.011U	11B	570	<0.27U	<0.04U	<0.15U	-	9.9
East of Gymnasium	SSHS-B30	1-4	5/8/2000	-	<1.1U	-	-	-	6.8N	121	<0.54U	<0.54U	-	15.7	-	-	57.7*	-	45.5*	-	-	<0.05U	51.5*	-	<0.54U	<1.1U	-	-	-
East of Gymnasium	SSHS-B30	4-8	5/8/2000	-	<1.16U	-	-	-	4.9N	24.9	<0.57U	<0.57U	-	10.3	-	-	18.9*	-	8.7*	-	-	<0.06U	16.4*	-	<0.57U	<1.1U	-	-	-
East of Gymnasium	SSHS-B32	1-4	5/8/2000	-	<1.05U	-	-	-	2.5N	32.6	<0.52U	<0.52U	-	6.3	-	-	17.8*	-	7.3*	-	-	<0.05U	13	-	<0.52U	<1U	-	-	-
East of Gymnasium	SSHS-B34	1-4	5/9/2000	-	<0.00206	-	-	-	<2.6N*	165	<0.53U	<0.53U	-	<7.3U	-	-	31.3N*	-	21.9N*	-	-	<0.06N	255N	-	<0.54U	<1.1U	-	-	-
East of Gymnasium	SSHS-B34	4-6	5/9/2000	-	1.4	-	-	-	2.6N*	78.4	<0.56U	<0.56U	-	7.3	-	-	31.3N*	-	21.9N*	-	-	<0.05UN	255N	-	<0.54U	<1.1U	-	-	-
East of Gymnasium	SSHS-B575A	14-16	9/19/2016	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East of Gymnasium	SSHS-B575A	16-18	9/19/2016	0.006	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East of Gymnasium	SSHS-B575B	14-16	9/19/2016	<0.0024U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East of Gymnasium	SSHS-B575B	18-20	9/19/2016	0.013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East of Gymnasium	SSHS-B575C	15-17	9/19/2016	0.013J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East of Gymnasium	SSHS-B575C	20-22	9/19/2016	0.0026J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East of Gymnasium	SSHS-B99	2-6	8/13/2014	<0.00032U	0.62	<580U	6500	<0.39J	10	94B	<0.34J	<0.58U	18,000	24	-	7	160	22,000	680	7000	420	0.06	130	590B	<0.83J	<0.047U	<0.17U	-	12B
East of Gymnasium	SSHS-B99	6-10	8/13/2014	<0.00029U	<0.2J	<550U	5400	<0.22U	6.7	59B	<0.25J	<0.55U	33,000	9.7	-	<5.2J	47	15,000	41	7300	270	<0.021J	39	<550U	<0.41J	<0.045U	<0.16U	-	8.5B
East of Gymnasium	SSHS-B99	10-14.5	8/13/2014	<0.00032U	<0.36J	<490U	5500	<0.19U	7.1	57B	<0.21J	<0.49U	47,000	8.3	-	5.2	20	13,000	6.7	10,000	420	<0.012J	17	680B	<0.46J	<0.039U	<0.14U	-	9.2B
East of Gymnasium	SSHS-MWD	2-4	5/6/2003	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB1	6-8	6/29/2000	-	47.5	-	-	-	9	<66.6U	<0.6U	<0.6U	-	6.3	-	-	32.5	-	64	-	-	0.21	11.9	-	1.4	<1.19U	-	-	-
Football Field	SSHS-FB1	16-18	6/29/2000	-	14.4	-	-	-	8.8	163	<0.61U	<0.61U	-	13.3	-	-	64.7	-	74.1	-	-	<0.06U	114	-	<0.6U	<1.22U	-	-	-
Football Field	SSHS-FB10	1-3	6/29/2000	-	<1.17U	-	-	-	6.6	118	<0.56U	<0.56U	-	10.2	-	-	25.2	-	62.3	-	-	0.24	16.6	-	<0.57U	<1.11U	-	-	-
Football Field	SSHS-FB11	1-3	6/29/2000	-	<1.19U	-	-	-	12.6	189	0.74	<0.6U	-	14.5	-	-	172	-	76.2	-	-	0.21	27.5	-	0.91	<1.19U	-	-	-

TABLE 10B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Siet - North Portion
Elmira, New York

					Pesticides																	
				Zinc	4,4-DDE	b-BHC	Chlordane (cis)	Chlordane (trans)	DDD	DDT	Dieldrin	Endosulfan I	Endrin	Endrin aldehyde	1,1-Biphenyl	2-methylnaphthalene	Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Benz(a)anthracene	Benzo(a) pyrene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.79	0.00026	0.00044	0.00034	0.00033	0.00022	0.00025	0.00028	0.00032	0.00033	0.00033	0.0016	0.00034	0.00035	0.00041	0.0015	0.00036	0.00046	0.00037
Restricted Residential SCO				10000	8.9	0.36	4.2		13	7.9	0.2	24	11				100	100		100	1	1
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																			
Cafeteria	SSHS-SB-2	1.5-3.5	3/31/2014	170	<0U	<0U	<0U	-	<0U	<0U	<0U	<0U	<0U	-	-	-	<0U	<0U	-	<0U	<0U	<0U
Cafeteria	SSHS-SB-2	3.5-6	3/31/2014	190	0.005	<0U	0.0042	-	-	<0U	<0U	-	<0U	-	-	-	<0U	<0U	-	<0U	<0U	<0U
Cafeteria	SSHS-SB-3	1.5-3.5	3/31/2014	100	<0U	<0U	<0U	-	<0U	<0U	<0U	<0U	<0U	-	-	-	<0U	<0U	-	<0U	0.12	<0U
Cafeteria	SSHS-SB-3	3.5-6	3/31/2014	67	<0U	<0U	<0U	-	<0U	<0U	<0U	<0U	<0U	-	-	-	<0U	<0U	-	<0U	<0U	<0U
Cafeteria	SSHS-SB-4	1.5-3.5	3/31/2014	320	<0U	<0U	<0U	-	<0U	0.0065	<0U	<0U	<0U	-	-	-	<0U	<0U	-	<0U	0.076	<0U
Cafeteria	SSHS-SB-4	3.5-4	3/31/2014	210	<0U	<0U	<0U	-	0.069	0.12	<0U	<0U	<0U	-	-	-	<0U	<0U	-	<0U	<0U	<0U
Cafeteria	SSHS-SB-5	1.5-3.5	3/31/2014	190	<0U	<0U	<0U	-	<0U	<0U	<0U	<0U	<0U	-	-	-	<0U	<0U	-	<0U	0.15	0.11
Cafeteria	SSHS-SB-5	3.5-6	3/31/2014	66	<0U	<0U	<0U	-	<0U	<0U	<0U	<0U	<0U	-	-	-	<0U	<0U	-	<0U	0.18	0.12
Cafeteria	SSHS-SB-6	1.5-3.5	3/31/2014	100	<0U	<0U	<0U	-	<0U	<0U	<0U	<0U	<0U	-	-	-	1.3	<0U	-	2.6	3.4	2.8
Cafeteria	SSHS-SB-6	3.5-6	3/31/2014	99	<0U	<0U	<0U	-	<0U	0.0058	-	<0U	<0U	-	-	-	2.1	<0U	-	4.6	7	5.7
East of Gymnasium	SSHS-B25	1-4	5/9/2000	110N	<0.0018U	<0.0018U	-	-	<0.0018U	<0.0035U	<0.0018U	<0.0018U	<0.0018U	-	-	-	<0.35U	<0.35U	-	<0.35U	<0.35U	<0.35U
East of Gymnasium	SSHS-B25	8-12	5/9/2000	60.5N	<0.002U	<0.002U	-	-	<0.002U	<0.0039U	<0.002U	<0.002U	<0.002U	-	-	-	<0.39U	<0.39U	-	<0.39U	<0.39U	<0.39U
East of Gymnasium	SSHS-B26	4-6	5/8/2000	<54.1U	<0.0018U	<0.0018U	-	-	<0.0018U	<0.0034U	<0.0018U	<0.0018U	<0.0018U	-	-	-	<0.34U	<0.34U	-	<0.34U	<0.34U	<0.34U
East of Gymnasium	SSHS-B26-A	2-6	8/14/2014	90B	<0.00028U	<0.0019U	<0.0044U	<0.17U	<0.0019U	0.14	<0.0073U	0.013	<0.08U	<0.0064U	<0.033U	0.081	<0.047J	<0.028J	<0.03U	0.1	0.17	0.16
East of Gymnasium	SSHS-B26-A	6-8	8/14/2014	49B	<0.00026U	<0.00045U	<0.00035U	<0.0018U	<0.00023U	<0.0031U	<0.0016J	<0.00068J	<0.0018U	<0.0018U	<0.032U	<0.0064U	<0.0069U	<0.0082U	<0.029U	<0.007U	<0.009U	<0.0072U
East of Gymnasium	SSHS-B26-A	13.5-15.5	8/14/2014	49B	<0.00026U	<0.00045U	<0.00035U	<0.00034U	<0.00023U	<0.00026U	<0.00029U	<0.00033U	<0.00034U	<0.00034U	<0.031U	<0.0062U	<0.0067U	<0.008U	<0.029U	<0.0068U	<0.0087U	<0.007U
East of Gymnasium	SSHS-B27	2-3	5/8/2000	59.4	<0.018U	<0.018U	-	-	<0.018U	<0.035U	<0.018U	<0.018U	<0.018U	-	-	-	<35U	<35U	-	<35U	<35U	<35U
East of Gymnasium	SSHS-B28	4-8	5/8/2000	70.1	<0.0019U	<0.0019U	-	-	<0.0019U	<0.0037U	<0.0019U	<0.0019U	<0.0019U	-	-	-	<0.37U	<0.37U	-	<0.37U	<0.37U	<0.37U
East of Gymnasium	SSHS-B28	8-12	5/8/2000	61.6	<0.002U	<0.002U	-	-	<0.002U	<0.002U	<0.002U	<0.002U	<0.002U	-	-	-	<0.39U	<0.39U	-	<0.39U	<0.39U	<0.39U
East of Gymnasium	SSHS-B29	1-4	5/8/2000	83.5	<0.0019U	<0.0019U	-	-	<0.0019U	<0.0036U	<0.0019U	<0.0019U	<0.0019U	-	-	-	<0.36U	<0.36U	-	<0.36U	0.043J	0.055J
East of Gymnasium	SSHS-B29-A	2-6	8/13/2014	52B	<0.00027U	<0.00046U	<0.0018U	<0.025U	<0.00023U	0.031J	<0.0021U	0.0034	<0.016U	<0.002U	<0.032U	<0.0064U	<0.0069U	<0.0082U	<0.029U	<0.007U	<0.017J	<0.0071U
East of Gymnasium	SSHS-B29-A	8-10	8/13/2014	53B	<0.00027U	<0.00046U	<0.0018U	<0.0048U	<0.0018U	0.0097	<0.00029U	<0.0012J	<0.0051U	<0.0018U	<0.031U	<0.0062U	<0.0067U	<0.0079U	<0.029U	<0.0086J	<0.023J	<0.0069U
East of Gymnasium	SSHS-B29-A	10-12	8/13/2014	40B	<0.00026U	<0.00045U	<0.00034U	<0.00034U	<0.0018U	<0.0018U	<0.00029U	<0.00032U	<0.00033U	<0.0011J	<0.031U	<0.0062U	<0.0066U	<0.0079U	<0.028U	<0.0067U	<0.0086U	<0.0069U
East of Gymnasium	SSHS-B30	1-4	5/8/2000	82.4	<0.0019U	<0.0019U	-	-	<0.0019U	<0.0036U	<0.0019U	<0.0019U	<0.0019U	-	-	-	<0.36U	<0.36U	-	<0.36U	0.062J	<0.063J
East of Gymnasium	SSHS-B30	4-8	5/8/2000	61.2	<0.002U	<0.002U	-	-	<0.002U	<0.0038U	<0.002U	<0.002U	<0.002U	-	-	-	<0.38U	<0.38U	-	<0.38U	<0.38U	<0.38U
East of Gymnasium	SSHS-B32	1-4	5/8/2000	47.6	<0.0018U	<0.0018U	-	-	<0.0018U	<0.0035U	<0.0018U	<0.0018U	<0.0018U	-	-	-	<0.35U	<0.35U	-	<0.35U	<0.35U	<0.35U
East of Gymnasium	SSHS-B34	1-4	5/9/2000	60.3N	<0.0018U	<0.0018U	-	-	<0.0018U	<0.0036U	<0.0018U	<0.0018U	<0.0018U	-	-	-	<0.36U	<0.36U	-	<0.36U	<0.36U	<0.36U
East of Gymnasium	SSHS-B34	4-6	5/9/2000	60.3N	<0.0019U	<0.0019U	-	-	<0.0019U	<0.0037U	<0.0019U	<0.0019U	<0.0019U	-	-	-	<0.37U	<0.37U	-	<0.37U	<0.37U	<0.37U
East of Gymnasium	SSHS-B575A	14-16	9/19/2016	-	-	-	-	-	-	-	-	-	-	-	<0.031U	<0.0063U	<0.0067U	<0.008U	<0.029U	<0.0068U	<0.0088U	<0.007U
East of Gymnasium	SSHS-B575A	16-18	9/19/2016	-	-	-	-	-	-	-	-	-	-	-	<0.033U	<0.0066U	<0.0071U	<0.0085U	<0.03U	<0.0072U	0.056J	<0.0074U
East of Gymnasium	SSHS-B575B	14-16	9/19/2016	-	-	-	-	-	-	-	-	-	-	-	<0.031U	<0.0062U	<0.0067U	<0.0079U	<0.028U	<0.0068U	<0.0087U	<0.0069U
East of Gymnasium	SSHS-B575B	18-20	9/19/2016	-	-	-	-	-	-	-	-	-	-	-	<0.032U	<0.0065U	<0.0069U	<0.0083U	<0.03U	<0.0071U	0.12	<0.0072U
East of Gymnasium	SSHS-B575C	15-17	9/19/2016	-	-	-	-	-	-	-	-	-	-	-	<0.032U	<0.0065U	<0.0069U	<0.0083U	<0.03U	<0.0071U	0.048J	<0.0072U
East of Gymnasium	SSHS-B575C	20-22	9/19/2016	-	-	-	-	-	-	-	-	-	-	-	<0.032U	<0.0064U	<0.0068U	<0.0081U	<0.029U	<0.0069U	0.033J	<0.0071U
East of Gymnasium	SSHS-B99	2-6	8/13/2014	120B	<0.00029U	<0.0005U	<0.002U	<0.011U	<0.002U	0.033	<0.002U	<0.0018J	<0.015U	0.0033	<0.034U	<0.054J	<0.013J	<0.047J	<0.032U	<0.057J	0.16	0.14
East of Gymnasium	SSHS-B99	6-10	8/13/2014	60B	<0.00028U	<0.0019U	<0.0019U	<0.02U	<0.0019U	0.063	<0.0068U	0.003	<0.03U	0.005	<0.033U	<0.014J	<0.0071U	<0.021J	<0.031U	<0.025J	<0.07J	<0.066J
East of Gymnasium	SSHS-B99	10-14.5	8/13/2014	79B	<0.00026U	<0.00045U	<0.00034U	<0.00034U	<0.00023U	0.0029	<0.00029U	<0.00032U	<0.0018U	<0.00033U	<0.031U	<0.0062U	<0.0067U	<0.008U	<0.029U	<0.0068U	<0.0087U	<0.0069U
East of Gymnasium	SSHS-MWD	2-4	5/6/2003	-	-	-	-	-	-	-	-	-	-	-	-	<38U	<38U	<38U	-	<38U	<38U	-
Football Field	SSHS-FB1	6-8	6/29/2000	62.1	<0.02U	<0.02U	-	-	<0.02U	<0.04U	<0.02U	<0.02U	<0.02U	-	-	-	<0.4U	<0.4U	-	<0.4U	0.041J	0.042J
Football Field	SSHS-FB1	16-18	6/29/2000	161	<0.0021U	<0.0021U	-	-	<0.0021U	<0.0041U	<0.0021U	<0.0021U	<0.0021U	-	-	-	<0.41U	<0.41U	-	<0.41U	<0.41U	<0.41U
Football Field	SSHS-FB10	1-3	6/29/2000	82.2	<0.02U	<0.02U	-	-	<0.02U	<0.039U	<0.02U	<0.02U	<0.02U	-	-	-	0.07J	0.29J	-	0.4	1.1	1.1
Football Field	SSHS-FB11	1-3	6/29/2000	160	<0.02U	<0.02U	-	-	<0.02U	<0.039U	<0.02U	<0.02U	<0.02U	-	-	-	<0.39U	<0.39U	-	0.047J	0.11J	0.099J

TABLE 10B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Siet - North Portion
Elmira, New York

				SVOCs															
				Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Di-n-butyl phthalate	Di-n-octyl phthalate	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00057	0.00036	0.00073	0.003	0.0025	0.00034	0.00044	0.0004	0.0018	0.0023	0.0019	0.00039	0.00048	0.00037	0.00032	0.0006	0.00037
Restricted Residential SCO				1	100	3.9				3.9	0.33	59			100	100	0.5	100	100	100
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																	
Cafeteria	SSHS-SB-2	1.5-3.5	3/31/2014	<0U	<0U	<0U	-	-	-	0.17	<0U	<0U	-	-	0.099	<0U	<0U	<0U	0.16	0.12
Cafeteria	SSHS-SB-2	3.5-6	3/31/2014	<0U	<0U	<0U	-	-	-	<0U	<0U	<0U	-	-	<0U	<0U	<0U	<0 - 0.0071U	<0U	<0U
Cafeteria	SSHS-SB-3	1.5-3.5	3/31/2014	0.18	0.12	<0U	-	-	-	0.18	<0U	<0U	-	-	0.22	<0U	0.081	<0U	0.15	0.27
Cafeteria	SSHS-SB-3	3.5-6	3/31/2014	<0U	<0U	<0U	-	-	-	0.18	<0U	<0U	-	-	<0U	<0U	<0U	<0U	<0U	<0U
Cafeteria	SSHS-SB-4	1.5-3.5	3/31/2014	0.09	<0U	<0U	-	-	-	0.11	<0U	<0U	-	-	0.16	<0U	<0U	<0U	0.2	0.2
Cafeteria	SSHS-SB-4	3.5-4	3/31/2014	<0U	<0U	<0U	-	-	-	<0U	<0U	<0U	-	-	<0U	<0U	<0U	<0U	0.078	0.086
Cafeteria	SSHS-SB-5	1.5-3.5	3/31/2014	0.15	<0U	<0U	-	-	-	0.15	<0U	<0U	-	-	0.23	<0U	<0U	<0U	0.15	0.26
Cafeteria	SSHS-SB-5	3.5-6	3/31/2014	0.17	0.11	<0U	-	-	-	0.14	<0U	<0U	-	-	0.24	<0U	0.075	<0U	0.16	0.28
Cafeteria	SSHS-SB-6	1.5-3.5	3/31/2014	3.2	1.7	1.4	-	-	-	3.3	0.36	0.66	-	-	7.3	1.2	1.3	0.008 - 0.42	10	8.9
Cafeteria	SSHS-SB-6	3.5-6	3/31/2014	6.8	3.3	2.3	-	-	-	6.8	0.76	1	-	-	14	1.8	2.7	<0 - 0.58U	17	18
East of Gymnasium	SSHS-B25	1-4	5/9/2000	<0.35U	<0.35U	<0.35U	-	-	-	<0.35U	<0.35U	<0.35U	-	-	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U
East of Gymnasium	SSHS-B25	8-12	5/9/2000	<0.39U	<0.39U	<0.39U	-	-	-	<0.39U	<0.39U	<0.39U	-	-	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U
East of Gymnasium	SSHS-B26	4-6	5/8/2000	<0.34U	<0.34U	<0.34U	-	-	-	<0.34U	<0.34U	<0.34U	-	-	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U
East of Gymnasium	SSHS-B26-A	2-6	8/14/2014	0.23	0.13	0.078	<0.059U	<0.05U	<0.056J	0.2	<0.035J	<0.049J	<0.046U	<0.039U	0.38	<0.053J	0.11	0.078	0.34	0.26
East of Gymnasium	SSHS-B26-A	6-8	8/14/2014	<0.011U	<0.0071U	<0.014U	<0.058U	<0.049U	<0.0066U	<0.0085U	<0.008U	<0.035U	<0.045U	<0.038U	<0.0076U	<0.0094U	<0.0074U	<0.0062U	<0.011U	<0.0072U
East of Gymnasium	SSHS-B26-A	13.5-15.5	8/14/2014	<0.011U	<0.0069U	<0.014U	<0.056U	<0.047U	<0.0064U	<0.0083U	<0.0077U	<0.034U	<0.044U	<0.037U	<0.018J	<0.0092U	<0.0072U	<0.006U	<0.018J	<0.011J
East of Gymnasium	SSHS-B27	2-3	5/8/2000	<35U	<35U	<35U	-	-	-	<35U	<35U	<35U	-	-	<35U	<35U	<35U	<35U	<35U	<35U
East of Gymnasium	SSHS-B28	4-8	5/8/2000	<0.37U	<0.37U	<0.37U	-	-	-	<0.37U	<0.37U	<0.37U	-	-	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U
East of Gymnasium	SSHS-B28	8-12	5/8/2000	<0.39U	<0.39U	<0.39U	-	-	-	<0.39U	<0.39U	<0.39U	-	-	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U
East of Gymnasium	SSHS-B29	1-4	5/8/2000	0.047J	0.044J	0.039J	-	-	-	0.062J	<0.36U	<0.36U	-	-	0.068J	<0.36U	<0.36U	<0.36U	0.056J	<0.087U
East of Gymnasium	SSHS-B29-A	2-6	8/13/2014	<0.011U	<0.0071U	<0.014U	<0.058U	<0.049U	<0.0066U	<0.018J	<0.0079U	<0.035U	<0.045U	<0.038U	<0.032J	<0.0094U	<0.0074U	<0.0062U	<0.026J	<0.032J
East of Gymnasium	SSHS-B29-A	8-10	8/13/2014	<0.011U	<0.0069U	<0.014U	<0.056U	<0.047U	<0.0064U	<0.019J	<0.0077U	<0.034U	<0.043U	<0.037U	<0.04J	<0.0091U	<0.0071U	<0.006U	<0.041J	<0.036J
East of Gymnasium	SSHS-B29-A	10-12	8/13/2014	<0.011U	<0.0069U	<0.014U	<0.056U	<0.047U	<0.0063U	<0.0082U	<0.0077U	<0.034U	<0.043U	<0.036U	<0.0074U	<0.0091U	<0.0071U	<0.0059U	<0.011U	<0.007U
East of Gymnasium	SSHS-B30	1-4	5/8/2000	0.058J	0.048J	0.068J	-	-	-	0.073J	<0.36U	<0.36U	-	-	0.13J	<0.36U	0.042J	<0.36U	0.074J	0.14J
East of Gymnasium	SSHS-B30	4-8	5/8/2000	<0.38U	<0.38U	<0.38U	-	-	-	<0.38U	<0.38U	<0.38U	-	-	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U
East of Gymnasium	SSHS-B32	1-4	5/8/2000	<0.35U	<0.35U	<0.35U	-	-	-	<0.35U	<0.35U	<0.35U	-	-	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U
East of Gymnasium	SSHS-B34	1-4	5/9/2000	<0.36U	<0.36U	<0.36U	-	-	-	<0.36U	<0.36U	<0.36U	-	-	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U
East of Gymnasium	SSHS-B34	4-6	5/9/2000	<0.37U	<0.37U	<0.37U	-	-	-	<0.37U	<0.37U	<0.37U	-	-	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U
East of Gymnasium	SSHS-B575A	14-16	9/19/2016	<0.011U	<0.007U	<0.014U	<0.057U	<0.048U	<0.0064U	<0.0083U	<0.0078U	<0.034U	<0.044U	<0.037U	<0.0075U	<0.0092U	<0.0072U	<0.006U	<0.011U	<0.0071U
East of Gymnasium	SSHS-B575A	16-18	9/19/2016	<0.012U	<0.0074U	<0.015U	<0.06U	<0.051U	<0.0068U	0.093	<0.0082U	<0.036U	<0.046U	<0.039U	<0.0079U	<0.0097U	<0.0076U	<0.0064U	<0.012U	0.11
East of Gymnasium	SSHS-B575B	14-16	9/19/2016	<0.011U	<0.0069U	<0.014U	<0.056U	<0.047U	<0.0064U	<0.0082U	<0.0077U	<0.034U	<0.043U	<0.036U	<0.0074U	<0.0091U	<0.0071U	<0.006U	<0.011U	<0.007U
East of Gymnasium	SSHS-B575B	18-20	9/19/2016	<0.011U	<0.0072U	<0.015U	<0.058U	<0.049U	<0.0066U	0.18	<0.008U	<0.035U	<0.045U	<0.038U	<0.0077U	<0.0095U	<0.0074U	<0.0062U	<0.011U	0.19
East of Gymnasium	SSHS-B575C	15-17	9/19/2016	<0.011U	<0.0072U	<0.015U	<0.058U	<0.049U	<0.0067U	0.079	<0.008U	<0.036U	<0.045U	<0.038U	<0.0077U	<0.0095U	<0.0074U	<0.0062U	<0.012U	0.094
East of Gymnasium	SSHS-B575C	20-22	9/19/2016	<0.011U	<0.0071U	<0.014U	<0.057U	<0.049U	<0.0065U	0.049J	<0.0079U	<0.035U	<0.044U	<0.037U	<0.0076U	<0.0094U	<0.0073U	<0.0061U	<0.011U	0.06J
East of Gymnasium	SSHS-B99	2-6	8/13/2014	0.2	0.15	<0.069J	<0.062U	<0.053U	<0.028J	0.2	<0.048J	<0.038U	<0.07J	<0.041U	0.31	<0.01U	0.12	<0.051J	0.22	0.25
East of Gymnasium	SSHS-B99	6-10	8/13/2014	<0.049J	<0.059J	<0.073J	<0.06U	<0.051U	<0.0068U	0.084	<0.0083U	<0.037U	<0.047U	<0.039U	0.13	<0.0098U	<0.053J	<0.0064U	0.076	0.11
East of Gymnasium	SSHS-B99	10-14.5	8/13/2014	<0.011U	<0.0069U	<0.014U	<0.056U	<0.047U	<0.0064U	<0.0083U	<0.0077U	<0.034U	<0.044U	<0.037U	<0.0074U	<0.0092U	<0.0072U	<0.006U	<0.011U	<0.007U
East of Gymnasium	SSHS-MWD	2-4	5/6/2003	<38U	<38U	<38U	18J	<38U	<38U	<38U	<38U	<38U	<38U	<38U	<38U	<38U	<38U	17J	5.8J	<38U
Football Field	SSHS-FB1	6-8	6/29/2000	0.044J	<0.4U	0.043J	-	-	-	0.052J	<0.4U	<0.4U	-	-	0.053J	<0.4U	<0.4U	<0.4U	<0.4U	0.06J
Football Field	SSHS-FB1	16-18	6/29/2000	<0.41U	<0.41U	<0.41U	-	-	-	<0.41U	<0.41U	<0.41U	-	-	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U
Football Field	SSHS-FB10	1-3	6/29/2000	0.81	0.93	0.95	-	-	-	1.3	0.29J	0.06J	-	-	1.8	0.071J	0.84	0.11J	1.1	1.7
Football Field	SSHS-FB11	1-3	6/29/2000	0.11J	0.071J	0.096J	-	-	-	0.22J	<0.39U	0.053J	-	-	0.28J	<0.39U	0.067J	0.14J	0.37J	0.18J

TABLE 10B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Siet - North Portion
Elmira, New York

				VOCs																			
				Benzene	Ethylbenzene	Toluene	Xylene (m & p)	Xylene Total	1,2-Dichloroethene	Chloroform	cis-1,2-dichloroethene	Dichloromethane	Trichloroethene	Tetrachloroethene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Methyl Ethyl Ketone	Acetone	Carbon disulfide
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00046	0.00044	0.00049	0.001	0.0029	0.0015	0.0004	0.00048	0.00046	0.00045	0.00046			0.00046					0.0006	0.0034	0.00035
Restricted Residential SCO				4.8	41	100		100		49	100	100	21	19	52	52		100	100		100	100	100	
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																					
Football Field	SSHS-FB3	3-4	6/29/2000	<0.0058U	<0.0058U	<0.0058U	<0.0058U	-	-	<0.0058U	<0.0058U	<0.0058U	0.0086	0.0034J	-	-	-	-	-	-	-	<0.012U	0.01J	-
Football Field	SSHS-FB4	3-4	6/29/2000	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	-	<0.0057U	<0.0057U	<0.0057U	0.14	<0.027U	-	-	-	-	-	-	-	<0.011U	0.0077J	-
Football Field	SSHS-FB5	2-4	6/29/2000	<0.73U	<0.73U	<0.73U	<0.73U	-	-	<0.73U	<0.73U	<0.73U	110D	<0.73U	-	-	-	-	-	-	-	<1.5U	<2.9U	-
Football Field	SSHS-FB5	6-8	6/29/2000	<0.029U	<0.029U	<0.029U	<0.029U	-	-	<0.029U	<0.029U	<0.029U	11D	0.012J	-	-	-	-	-	-	-	<0.058U	<0.12U	-
Football Field	SSHS-FB5-A	2.5-2.5	7/21/2014	<0.00056U	<0.00053U	<0.0006U	<0.0012U	-	-	<0.00048U	<0.00058U	<0.00055U	0.029	<0.00056U	-	-	<0.00056U	-	-	-	-	<0.00073U	<0.0041U	<0.00042U
Football Field	SSHS-FB5-B	2.5-2.5	7/21/2014	<0.0006U	<0.00057U	<0.00064U	<0.0013U	-	-	<0.00052U	<0.00062U	<0.00059U	0.029	<0.0006U	-	-	<0.0006U	-	-	-	-	<0.00078U	<0.0044U	<0.00045U
Football Field	SSHS-FB5-C	2.5-2.5	7/21/2014	<0.0011U	<0.001U	<0.0012U	<0.0024U	-	-	<0.00095U	<0.0011U	<0.0011U	0.28	<0.0011U	-	-	<0.0011U	-	-	-	-	<0.0014U	<0.0081U	<0.0066J
Football Field	SSHS-FB5-D	2.5-2.5	7/21/2014	<0.00082U	<0.00079U	<0.00089U	<0.0018U	-	-	<0.00071U	<0.00086U	<0.00082U	0.2	<0.00083U	-	-	<0.00083U	-	-	-	-	<0.0011U	<0.0061U	<0.00063U
Football Field	SSHS-FB5-E	2.5-2.5	7/21/2014	<0.00061U	<0.00058U	<0.00066U	<0.0013U	-	-	<0.00053U	<0.00064U	<0.00061U	<0.0015J	<0.00062U	-	-	<0.00061U	-	-	-	-	<0.0008U	<0.0045U	<0.0016J
Football Field	SSHS-FB6	1-3	6/29/2000	0.0013J	<0.0056U	<0.0056U	<0.0056U	-	-	0.0025J	<0.0056U	0.0015J	0.011	0.017	-	-	-	-	-	-	-	0.035	0.17	-
Football Field	SSHS-FB6	4-6	6/29/2000	<0.029U	<0.029U	<0.029U	0.0096J	-	-	<0.029U	<0.029U	<0.029U	0.0073J	0.15	-	-	-	-	-	-	-	0.19	0.83	-
Football Field	SSHS-FB6	17-19	6/29/2000	<0.028U	<0.028U	<0.028U	<0.028U	-	-	<0.028U	<0.028U	<0.028U	<0.028U	0.026J	-	-	-	-	-	-	-	0.014J	0.053J	-
Football Field	SSHS-FB7	1-3	6/29/2000	<0.0061U	<0.0061U	<0.0061U	<0.0061U	-	-	<0.0061U	<0.0061U	<0.0061U	<0.0061U	<0.0061U	-	-	-	-	-	-	-	<0.012U	<0.024U	-
Football Field North	SSHS-B3	4-8	5/12/2000	<0.0064U	<0.0064U	<0.0064U	<0.0064U	-	-	0.006J	<0.0064U	<0.0064U	0.0014J	<0.0064U	-	-	-	-	-	-	-	<0.013U	<0.025U	-
Football Field North	SSHS-B4	2-4	5/12/2000	<0.0061U	<0.0061U	<0.0061U	<0.0061U	-	-	0.0072	<0.0061U	<0.0061U	<0.0061U	<0.0061U	-	-	-	-	-	-	-	<0.012U	<0.024U	-
Football Field North	SSHS-B49	0.5-2.5	9/13/2000	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	-	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	-	-	-	-	-	-	<0.011U	<0.023U	<0.011U
Football Field North	SSHS-B6	1-3	5/11/2000	<0.0055U	<0.0055U	<0.055U	<0.055U	-	-	0.0013J	<0.0055U	<0.0055U	0.0014J	0.0086	-	-	-	-	-	-	-	<0.011U	<0.022U	-
Football Field North	SSHS-MW11D	18-20	5/1/2003	<0.014U	<0.014U	<0.014U	<0.014U	-	-	<0.014U	<0.014U	<0.014U	<0.014U	<0.014U	-	-	-	-	-	-	-	<0.028U	<0.057U	<0.028 - 0.0034J
Football Field SE	SSHS-B9	2-3	5/11/2000	<0.0055U	<0.0055U	<0.0055U	<0.0055U	-	-	0.0032J	<0.0055U	<0.0055U	0.0041J	0.026	-	-	-	-	-	-	-	<0.011U	<0.022U	-
Football Field SW	SSHS-B8	4-5	5/11/2000	<0.0055U	<0.0055U	<0.0055U	<0.0055U	-	-	0.0013J	<0.0055U	<0.0055U	0.0022J	0.0029J	-	-	-	-	-	-	-	<0.011U	<0.022U	-
F-Wing	SSHS-B18	1-3	5/10/2000	<0.0055U	<0.0055U	0.0014J	<0.0055U	-	-	<0.0055U	<0.0055U	<0.0055U	0.04	0.0048J	-	-	-	-	-	-	-	<0.011U	<0.022U	-
F-Wing	SSHS-B20	5-7	5/9/2000	<0.0058U	<0.0058U	<0.0058U	<0.0058U	-	-	0.0013J	<0.0058U	<0.0058U	<0.0058U	<0.0058U	-	-	-	-	-	-	-	0.005J	0.021J	-
F-Wing	SSHS-B92	2-6	8/12/2014	<0.00062U	<0.00059U	<0.00067U	<0.0013U	-	-	<0.00054U	0.0082	<0.00062U	0.16	<0.00062U	-	-	<0.00062U	-	-	-	-	<0.00081U	<0.0046U	<0.00047U
F-Wing	SSHS-B92	6-10	8/12/2014	<0.00064U	<0.00061U	<0.00069U	<0.0014U	-	-	<0.00055U	0.012	<0.00063U	0.041	<0.00064U	-	-	<0.00064U	-	-	-	-	<0.00083U	<0.0047U	<0.00048U
F-Wing	SSHS-B92	10-16	8/12/2014	<0.00057U	<0.00054U	<0.00062U	<0.0012U	-	-	<0.0005U	0.029	<0.00057U	0.081	<0.00058U	-	-	<0.00058U	-	-	-	-	<0.00075U	<0.0042U	<0.00043U
F-Wing	SSHS-B93	2-6	8/12/2014	<0.00074U	<0.00071U	<0.0008U	<0.0016U	-	-	<0.00064U	<0.00077U	<0.00074U	<0.0029J	<0.00075U	-	-	<0.00075U	-	-	-	-	<0.00097U	<0.0055U	<0.00056U
F-Wing	SSHS-B93	6-10	8/12/2014	<0.00061U	<0.00058U	<0.00066U	<0.0013U	-	-	<0.00053U	<0.00063U	<0.0006U	0.0071	<0.00061U	-	-	<0.00061U	-	-	-	-	<0.00079U	<0.0045U	<0.00046U
F-Wing	SSHS-B93	10-16	8/12/2014	<0.00071U	<0.00068U	<0.00077U	<0.0015U	-	-	<0.00061U	<0.00074U	<0.00071U	0.0055	<0.00071U	-	-	<0.00071U	-	-	-	-	<0.00093U	<0.0053U	<0.00054U
F-Wing	SSHS-B94	2-6	8/12/2014	<0.00057U	<0.00054U	<0.00061U	<0.0012U	-	-	<0.00049U	<0.00059U	<0.00056U	0.0095	<0.00057U	-	-	<0.00057U	-	-	-	-	<0.00074U	<0.0042U	<0.00043U
F-Wing	SSHS-B94	6-10	8/12/2014	<0.00055U	<0.00052U	<0.0006U	<0.0012U	-	-	<0.00048U	<0.0031J	<0.00055U	0.067	<0.00056U	-	-	<0.00055U	-	-	-	-	<0.00072U	<0.0041U	<0.00042U
F-Wing	SSHS-B94	10-16	8/12/2014	<0.00059U	<0.00056U	<0.00064U	<0.0013U	-	-	<0.00051U	<0.00069J	<0.00059U	0.041	<0.00059U	-	-	<0.00059U	-	-	-	-	<0.00077U	<0.0044U	<0.00045U
F-Wing	SSHS-B95	2-6	8/12/2014	<0.00059U	<0.00057U	<0.00064U	<0.0013U	-	-	<0.00052U	<0.00062U	<0.00059U	0.015	<0.0006U	-	-	<0.0006U	-	-	-	-	<0.00078U	<0.0044U	<0.00045U
F-Wing	SSHS-B95	6-10	8/12/2014	<0.00064U	<0.00061U	<0.00069U	<0.0014U	-	-	<0.00055U	<0.00066U	<0.00063U	<0.0011J	<0.00064U	-	-	<0.00064U	-	-	-	-	<0.00083U	<0.0047U	<0.00048U
F-Wing	SSHS-B95	10-16	8/12/2014	<0.00062U	<0.00059U	<0.00067U	<0.0014U	-	-	<0.00054U	<0.00065U	<0.00062U	<0.0018J	<0.00063U	-	-	<0.00063U	-	-	-	-	<0.00081U	<0.0046U	<0.00047U
F-Wing	SSHS-B96	2-6	8/12/2014	<0.00062U	<0.00059U	<0.00067U	<0.0013U	-	-	<0.00054U	<0.00064U	<0.00062U	<0.0023J	<0.00062U	-	-	<0.00062U	-	-	-	-	<0.00081U	0.018	<0.00047U
F-Wing	SSHS-B96	6-10	8/12/2014	<0.0006U	<0.00057U	<0.00064U	<0.0013U	-	-	<0.00052U	<0.00062U	<0.00059U	<0.0023J	<0.0006U	-	-	<0.0006U	-	-	-	-	<0.00078U	0.051	<0.00045U
F-Wing	SSHS-B96	10-15.5	8/12/2014	<0.00056U	<0.00054U	<0.00061U	<0.0012U	-	-	<0.00049U	<0.00059U	<0.00056U	<0.0016J	<0.00057U	-	-	<0.00057U	-	-	-	-	<0.00073U	0.017	<0.00043U
F-Wing	SSHS-B98	2-6	8/13/2014	<0.00061U	<0.00058U	<0.00066U	<0.0013U	-	-	<0.00053U	<0.00063U	<0.00061U	<0.00059U	<0.00061U	-	-	<0.00061U	-	-	-	-	<0.0008U	<0.0045U	<0.00046U
F-Wing	SSHS-B98	6-10	8/13/2014	<0.0007U	<0.00067U	<0.00076U	<0.0015U	-	-	<0.00061U	<0.00073U	<0.0007U	<0.00069U	<0.00071U	-	-	<0.00071U	-	-	-	-	<0.00092U	<0.0052U	<0.00053U
F-Wing	SSHS-B98	10-12	8/13/2014	<0.00069U	<0.00066U	<0.00075U	<0.0015U	-	-	<0.0006U	<0.00072U	<0.00069U	<0.00067U	<0.0007U	-	-	<0.00069U	-	-	-	-	<0.0009U	<0.0051U	<0.00052U
F-Wing	SSHS-MW47	10-12	8/29/2016	<0.8U	<0.52U	<0.96U	<0.51U	<1.2U	8.4	<0.33U	8.4	<0.15U	16	<0.33U	-	-	<0.91U	-	-	-	-	<0.79U	<2.7UJ	<0.56U
F-Wing	SSHS-MW47	16-18	8/29/2016	<1.2U	<0.78U	<1.4U	<0.76U	<1.8U	13	<0.49U	13J	<0.22U	51J	<0.49U	-	-	<1.4U	-	-	-	-	<1.2U	<4UJ	<0.83U

TABLE 10B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Siet - North Portion
Elmira, New York

					Inorganics		Metals																					
				Cyclohexane	Cyanide Total	Sodium	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (III+VI)	Chromium (Trivalent)	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Thallium	Tin	Vanadium
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00025	0.15	55	7.9	0.14	0.39	7.9	0.16	0.014	200	0.2		2	0.99	3.9	0.39	200	0.59	0.008	1.6	200	0.25	0.038	0.14		2
Restricted Residential SCO					27				16	400	72	4.3		110	180		270		400		2000	0.81	310		180	180			
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																										
Football Field	SSHS-FB3	3-4	6/29/2000	-	<1.16U	-	-	-	9.9	73.9	<0.58U	<0.58U	-	14.6	-	-	142	-	125	-	-	0.07	23.4	-	0.67	<1.16U	-	-	-
Football Field	SSHS-FB4	3-4	6/29/2000	-	13	-	-	-	7.9	187	<0.56U	<0.56U	-	12.2	-	-	49	-	76	-	-	1	28.1	-	<0.55U	<1.12U	-	-	-
Football Field	SSHS-FB5	2-4	6/29/2000	-	<1.18U	-	-	-	6.3	63	<0.58U	<0.58U	-	6.5	-	-	30.6	-	24.4	-	-	0.07	9.9	-	0.85	<1.15U	-	-	-
Football Field	SSHS-FB5	6-8	6/29/2000	-	<1.15U	-	-	-	3.7	93.9	<0.55U	<0.55U	-	9.9	-	-	15.1	-	23.3	-	-	0.74	14.1	-	<0.55U	<1.11U	-	-	-
Football Field	SSHS-FB5-A	2.5-2.5	7/21/2014	<0.00031U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB5-B	2.5-2.5	7/21/2014	<0.00033U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB5-C	2.5-2.5	7/21/2014	<0.0006U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB5-D	2.5-2.5	7/21/2014	<0.00045U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB5-E	2.5-2.5	7/21/2014	<0.00034U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB6	1-3	6/29/2000	-	<1.12U	-	-	-	7.1	171	<0.54U	<0.54U	-	9.3	-	-	23.8	-	29.9	-	-	<0.05U	49.7	-	<0.67U	<1.09U	-	-	-
Football Field	SSHS-FB6	4-6	6/29/2000	-	11.5	-	-	-	2.3	245	<0.58U	<0.58U	-	9.7	-	-	103	-	144	-	-	<0.06U	12.4	-	<0.57U	<1.15U	-	-	-
Football Field	SSHS-FB6	17-19	6/29/2000	-	<1.13U	-	-	-	2.3	21.6	<0.56U	<0.56U	-	4.6	-	-	12.4	-	8.1	-	-	<0.05U	9.7	-	<0.55U	<1.12U	-	-	-
Football Field	SSHS-FB7	1-3	6/29/2000	-	<1.22U	-	-	-	6.4	115	<0.59U	<0.59U	-	11.6	-	-	54.9	-	82	-	-	0.07	44.6	-	<0.59U	<1.18U	-	-	-
Football Field North	SSHS-B3	4-8	5/12/2000	-	<12.7U	-	-	-	5.7	92.4	<0.61U	<0.61U	-	23.5	-	-	27.4	-	31.8	-	-	0.11	13.3	-	<0.61U	<1.2U	-	-	-
Football Field North	SSHS-B4	2-4	5/12/2000	-	<1.22U	-	-	-	7.1	169*	<0.85U	<0.58U	-	14.4	-	-	85	-	118	-	-	0.09	29.2	-	<0.58U	<1.2U	-	-	-
Football Field North	SSHS-B49	0.5-2.5	9/13/2000	-	<0.00115U	-	-	<1.15U	5.22	213	1.03	<0.573U	-	11.8	-	10.6	39.1	-	179	-	-	0.294	24.1	-	0.647	<1.15U	<1.15U	<57.3U	22.9
Football Field North	SSHS-B6	1-3	5/11/2000	-	<1.09U	-	-	-	6	174	<0.53U	<0.53U	-	10.2	-	-	29.2	-	50.3	-	-	2.7	19.5	-	<0.6U	<1.1U	-	-	-
Football Field North	SSHS-MW11D	18-20	5/1/2003	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field SE	SSHS-B9	2-3	5/11/2000	-	<1.1U	-	-	-	7.4	486	<0.54U	0.7	-	21.3	-	-	79	-	165	-	-	0.07	71	-	0.77	<1.1U	-	-	-
Football Field SW	SSHS-B8	4-5	5/11/2000	-	<1.11U	-	-	-	7.4	426	<0.53U	<0.53U	-	12.9	-	-	243	-	286	-	-	<0.05U	202	-	<0.53U	<1.1U	-	-	-
F-Wing	SSHS-B18	1-3	5/10/2000	-	<1.11U	-	-	-	4.3	69.6	<0.54U	<0.54U	-	11.7	-	-	30.1	-	34	-	-	0.06	20.9	-	<0.55U	<1.1U	-	-	-
F-Wing	SSHS-B20	5-7	5/9/2000	-	<1.15U	-	-	-	5.9N*	320	<0.57U	<0.57U	-	13.1	-	-	45.8N*	-	151N*	-	-	<0.05UN	74.2N	-	<0.58U	<1.1U	-	-	-
F-Wing	SSHS-B92	2-6	8/12/2014	<0.00034U	0.65	<520U	6200	<0.35J	8.6	220B	<0.36J	<0.52U	9000B	11	-	6.8	59	25,000	450	2400	380	<0.018J	110B	<470J	<0.44J	<0.042U	<0.15J	-	11
F-Wing	SSHS-B92	6-10	8/12/2014	<0.00035U	<0.38J	<660U	8800	<0.26U	7.4	140B	<0.36J	<0.66U	36,000B	15	-	8.5	23	20,000	56	4500	2100	<0.028J	30B	<650J	<1.2J	<0.26J	<0.71J	-	13
F-Wing	SSHS-B92	10-16	8/12/2014	<0.00031U	<0.34J	<580U	7300	<0.23U	8.1	50B	<0.35J	<0.58U	4400B	10	-	7.4	23	19,000	16	3600	770	<0.013J	17B	690	<0.31U	<0.047U	<0.36J	-	13
F-Wing	SSHS-B93	2-6	8/12/2014	<0.00041U	<0.47J	<580U	7800	<0.23U	7.3	61B	<0.31J	<0.58U	18,000B	10	-	6.7	62	22,000	22	4300	520	<0.023J	17B	590	<0.31U	<0.047U	<0.17U	-	12
F-Wing	SSHS-B93	6-10	8/12/2014	<0.00033U	<0.16U	<450U	7500	<0.18U	9	99B	<0.33J	<0.45U	8100B	9	-	7.7	19	21,000	9.8	3100	970	<0.012U	19B	640	<0.48J	<0.07J	<0.51J	-	11
F-Wing	SSHS-B93	10-16	8/12/2014	<0.00039U	<0.16U	<460U	7400	<0.19U	7.2	79B	<0.3J	<0.46U	17,000B	9.4	-	7.4	29	18,000	17	6000	1200	<0.011U	18B	550	<0.6J	<0.14J	<0.69J	-	10
F-Wing	SSHS-B94	2-6	8/12/2014	<0.00031U	0.68	<520U	6700	<0.21U	6.6	71	<0.3J	<0.52U	17,000	8.6	-	5.9	38	17,000	20	5000	420	<0.019J	27B	540B	<0.6J	<0.042U	<0.15U	-	11
F-Wing	SSHS-B94	6-10	8/12/2014	<0.0003U	<0.42J	<520U	7100	<0.21U	8	59	<0.3J	<0.52U	45,000	12	-	6.4	22	17,000	17	7600	430	<0.017J	20B	590B	<0.71J	<0.042U	<0.15U	-	12
F-Wing	SSHS-B94	10-16	8/12/2014	<0.00032U	<0.27J	<570U	6600	<0.23U	7.5	53	<0.29J	<0.57U	22,000	10	-	5.9	25	16,000	11	7100	640	<0.02J	17B	740B	<0.33J	<0.046U	<0.17U	-	11
F-Wing	SSHS-B95	2-6	8/12/2014	<0.00033U	<0.17J	<520U	9200	<0.21U	7.4	52B	<0.38J	<0.52U	16,000B	11	-	7.5	17	19,000	13	4500	440	<0.016J	16B	520	<0.31J	<0.042U	<0.16J	-	15
F-Wing	SSHS-B95	6-10	8/12/2014	<0.00035U	<0.28J	<540U	8700	<0.21UJ	9.1	56B	<0.39J	<0.54U	3300B	11	-	7.7	22	21,000	12	2900	450	<0.013J	18B	680	<0.29U	<0.043U	<0.31J	-	13
F-Wing	SSHS-B95	10-16	8/12/2014	<0.00034U	<0.36J	<550U	7700	<0.22U	8.2	58B	<0.34J	<0.55U	8100B	11	-	7	23	19,000	12	2800	700	<0.011U	18B	670	<0.3J	<0.045U	<0.34J	-	12
F-Wing	SSHS-B96	2-6	8/12/2014	<0.00034U	1.4	<520U	8000	<0.21U	7.6	57B	<0.36J	<0.52U	4000B	13	-	7.1	21	20,000	17	2800	430	<0.018J	20B	540	<0.53J	<0.042U	<0.15J	-	14
F-Wing	SSHS-B96	6-10	8/12/2014	<0.00033U	<0.29J	<540U	10,000	<0.22U	6.8	120B	0.44	<0.54U	2600B	19	-	7.7	21	21,000	16	2600	770	<0.02J	23B	610	<0.45J	<0.044U	<0.45J	-	13
F-Wing	SSHS-B96	10-15.5	8/12/2014	<0.00031U	<0.21J	<530U	8300	<0.21U	8	66B	<0.35J	<0.53U	2400B	15	-	7.1	30	20,000	13	2500	540	<0.011U	18B	610	<0.28U	<0.043U	<0.19J	-	12
F-Wing	SSHS-B98	2-6	8/13/2014	<0.00034U	<0.17J	<510U	8500	<0.2U	9.2	52B	0.43	<0.51U	900	21	-	7.7	89	19,000	19	2200	390	<0.025J	69	550B	<0.49J	<0.041U	<0.15U	-	13B
F-Wing	SSHS-B98	6-10	8/13/2014	<0.00039U	<0.55J	<550U	8300	<0.22U	8	63B	<0.38J	<0.55U	10,000	11J	-	6.9	30J	19,000	16	3900	420	<0.026J	390	610B	<0.46J	<0.044U	<0.16U	-	14B
F-Wing	SSHS-B98	10-12	8/13/2014	<0.00038U	<0.29J	<600U	11,000	<0.24U	6.3	130B	0.51	<0.6U	3000	13	-	7.4	23	20,000	13	2700	280	<0.025J	36	780B	<0.5J	<0.048U	<0.18U	-	15B
F-Wing	SSHS-MW47	10-12	8/29/2016	<0.39U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F-Wing	SSHS-MW47	16-18	8/29/2016	<0.58U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 10B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Siet - North Portion
Elmira, New York

					Pesticides																	
				Zinc	4,4-DDE	b-BHC	Chlordane (cis)	Chlordane (trans)	DDD	DDT	Dieldrin	Endosulfan I	Endrin	Endrin aldehyde	1,1-Biphenyl	2-methylnaphthalene	Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Benz(a)anthracene	Benzo(a) pyrene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.79	0.00026	0.00044	0.00034	0.00033	0.00022	0.00025	0.00028	0.00032	0.00033	0.00033	0.0016	0.00034	0.00035	0.00041	0.0015	0.00036	0.00046	0.00037
Restricted Residential SCO				10000	8.9	0.36	4.2		13	7.9	0.2	24	11				100	100		100	1	1
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																			
Football Field	SSHS-FB3	3-4	6/29/2000	117	<0.02U	<0.02U	-	-	<0.02U	<0.038U	<0.02U	<0.02U	<0.02U	-	-	-	<0.38U	0.045J	-	0.042J	0.1J	<0.38U
Football Field	SSHS-FB4	3-4	6/29/2000	138	<0.019U	<0.019U	-	-	<0.019U	<0.038U	<0.019U	<0.019U	<0.019U	-	-	-	<1.1U	1.4	-	1.4	3.3	3.4
Football Field	SSHS-FB5	2-4	6/29/2000	18.5	<0.002U	<0.002U	-	-	<0.002U	<0.0039U	<0.002U	<0.002U	<0.002U	-	-	-	<0.39U	<0.39U	-	<0.39U	0.05J	<0.39U
Football Field	SSHS-FB5	6-8	6/29/2000	64.7	<0.002U	<0.002U	-	-	<0.002U	<0.0038U	<0.002U	<0.002U	<0.002U	-	-	-	<0.38U	<0.38U	-	<0.38U	<0.38U	<0.38U
Football Field	SSHS-FB5-A	2.5-2.5	7/21/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB5-B	2.5-2.5	7/21/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB5-C	2.5-2.5	7/21/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB5-D	2.5-2.5	7/21/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB5-E	2.5-2.5	7/21/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB6	1-3	6/29/2000	97.2	<0.019U	<0.019U	-	-	<0.019U	<0.037U	<0.019U	<0.019U	<0.019U	-	-	-	<0.37U	<0.37U	-	0.055	0.16J	0.13J
Football Field	SSHS-FB6	4-6	6/29/2000	110	<0.02U	<0.02U	-	-	<0.02U	<0.039U	<0.02U	<0.02U	<0.02U	-	-	-	<3.9U	<3.9U	-	<3.9U	<3.9U	<3.9U
Football Field	SSHS-FB6	17-19	6/29/2000	37.3	<0.0019U	<0.0019U	-	-	<0.0019U	<0.0037U	<0.0019U	<0.0019U	<0.0019U	-	-	-	<0.37U	<0.37U	-	<0.37U	0.1J	<0.37U
Football Field	SSHS-FB7	1-3	6/29/2000	69.3	<0.021U	<0.021U	-	-	<0.021U	<0.04U	<0.021U	<0.021U	<0.021U	-	-	-	0.051J	<0.4U	-	0.15J	<0.28J	0.24J
Football Field North	SSHS-B3	4-8	5/12/2000	75.5*	<0.0022U	<0.0022U	-	-	<0.0022U	<0.0042U	<0.0022U	<0.0022U	<0.0022U	-	-	-	<0.42U	0.06J	-	0.06J	0.28J	0.29J
Football Field North	SSHS-B4	2-4	5/12/2000	120*	<0.0021U	<0.0021U	-	-	<0.0021U	<0.004U	<0.0021U	<0.0021U	<0.0021U	-	-	-	<4U	<4U	-	<4U	<4U	<4U
Football Field North	SSHS-B49	0.5-2.5	9/13/2000	164	<0.019U	<0.019U	<0.019U	-	<0.019U	<0.038U	<0.019U	<0.019U	<0.019U	<0.038U	-	<0.38U	<0.38U	0.63	-	0.53	1.3	1.6
Football Field North	SSHS-B6	1-3	5/11/2000	106	<0.0019U	<0.0019U	-	-	<0.0019U	<0.0036U	<0.0019U	<0.0019U	<0.0019U	-	-	-	<0.36U	0.042J	-	<0.36U	0.24J	0.35J
Football Field North	SSHS-MW11D	18-20	5/1/2003	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field SE	SSHS-B9	2-3	5/11/2000	306	<0.0019U	<0.0019U	-	-	<0.0019U	<0.0036U	<0.0019U	<0.0019U	<0.0019U	-	-	-	<0.36U	<0.36U	-	<0.36U	0.099J	0.098J
Football Field SW	SSHS-B8	4-5	5/11/2000	145	<0.0019U	<0.0019U	-	-	<0.0019U	<0.0037U	<0.0019U	<0.0019U	<0.0019U	-	-	-	<0.37U	<0.37U	-	<0.37U	<0.37U	<0.37U
F-Wing	SSHS-B18	1-3	5/10/2000	95.3	<0.0019U	<0.0019U	-	-	<0.0019U	<0.0037U	<0.0019U	<0.0019U	<0.0019U	-	-	-	0.061J	<0.37U	-	0.15J	0.31J	0.28J
F-Wing	SSHS-B20	5-7	5/9/2000	88.3N	<0.002U	<0.002U	-	-	<0.002U	<0.0038U	<0.002U	<0.002U	<0.002U	-	-	-	<0.38U	<0.38U	-	0.067J	0.19J	0.16J
F-Wing	SSHS-B92	2-6	8/12/2014	64B	<0.00028U	<0.00048U	<0.00037U	<0.0019U	<0.0019U	<0.0019U	<0.00031U	<0.00035U	<0.0019U	<0.00036U	<0.033U	<0.024J	<0.0071U	<0.0085U	<0.03U	<0.0072U	<0.0093U	<0.0074U
F-Wing	SSHS-B92	6-10	8/12/2014	64B	<0.00034U	<0.00058U	<0.00045U	<0.00044U	<0.00029U	<0.00034U	<0.00037U	<0.00042U	<0.00044U	<0.00044U	<0.04U	<0.0081U	<0.0086U	<0.01U	<0.037U	<0.0088U	<0.011U	<0.009U
F-Wing	SSHS-B92	10-16	8/12/2014	56B	<0.00028U	<0.00048U	<0.00037U	<0.00036U	<0.00024U	<0.00028U	<0.00031U	<0.00035U	<0.00036U	<0.00036U	<0.033U	<0.0067U	<0.0071U	<0.0085U	<0.03U	<0.0072U	<0.0093U	<0.0074U
F-Wing	SSHS-B93	2-6	8/12/2014	73B	<0.00028U	<0.00048U	<0.00037U	<0.0019U	<0.00024U	<0.0018J	<0.00031U	<0.00035U	<0.0019U	<0.00036U	<0.033U	<0.0086J	<0.007U	<0.0084U	<0.03U	<0.0072U	<0.016J	<0.017J
F-Wing	SSHS-B93	6-10	8/12/2014	75B	<0.00027U	<0.00047U	<0.00036U	<0.00036U	<0.00024U	<0.00027U	<0.0003U	<0.00034U	<0.00035U	<0.00035U	<0.032U	<0.0065U	<0.007U	<0.0083U	<0.03U	<0.0071U	<0.0091U	<0.0073U
F-Wing	SSHS-B93	10-16	8/12/2014	69B	<0.00027U	<0.00046U	<0.00035U	<0.00035U	<0.00023U	<0.00027U	<0.0003U	<0.00034U	<0.00035U	<0.00035U	<0.032U	<0.0064U	<0.0069U	<0.0082U	<0.029U	<0.007U	<0.0089U	<0.0071U
F-Wing	SSHS-B94	2-6	8/12/2014	63B	<0.00027U	<0.00047U	<0.00036U	<0.0036U	<0.00024U	0.0051	<0.0018U	<0.00043J	<0.0023U	<0.00035U	<0.032U	<0.014J	<0.0069U	<0.0089J	<0.03U	<0.011J	<0.061J	<0.068J
F-Wing	SSHS-B94	6-10	8/12/2014	55B	<0.00027U	<0.0019U	<0.0019U	<0.035U	<0.0019U	<0.003U	<0.0018J	0.0032	<0.0094U	<0.0019U	<0.032U	<0.0076J	<0.007U	<0.0083U	<0.03U	<0.0071U	<0.0091U	<0.0073U
F-Wing	SSHS-B94	10-16	8/12/2014	56B	<0.00028U	<0.00048U	<0.00036U	<0.0033U	<0.00024U	0.0027	<0.00031U	<0.0044J	<0.0019U	<0.00036U	<0.033U	<0.0066U	<0.0071U	<0.0085U	<0.03U	<0.0072U	<0.0093U	<0.0074U
F-Wing	SSHS-B95	2-6	8/12/2014	51B	<0.00027U	<0.00047U	<0.00036U	<0.0018U	<0.00024U	<0.00027U	<0.0003U	<0.00034U	<0.0018U	<0.00035U	<0.032U	<0.0065U	<0.0069U	<0.0082U	<0.03U	<0.007U	<0.009U	<0.0072U
F-Wing	SSHS-B95	6-10	8/12/2014	56B	<0.00027U	<0.00046U	<0.00035U	<0.00035U	<0.00023U	<0.00026U	<0.00029U	<0.00033U	<0.00048U	<0.00034U	<0.032U	<0.0064U	<0.0068U	<0.0081U	<0.029U	<0.0069U	<0.0089U	<0.0071U
F-Wing	SSHS-B95	10-16	8/12/2014	110B	<0.00028U	<0.00047U	<0.00036U	<0.00036U	<0.00024U	<0.00027U	<0.0003U	<0.00034U	<0.00035U	<0.00036U	<0.032U	<0.0065U	<0.007U	<0.0083U	<0.03U	<0.0071U	<0.0091U	<0.0073U
F-Wing	SSHS-B96	2-6	8/12/2014	59B	<0.00027U	<0.00046U	<0.00035U	<0.00035U	<0.00023U	<0.00027U	<0.0003U	<0.00033U	<0.00034U	<0.00035U	<0.032U	<0.0064U	<0.0068U	<0.0081U	<0.029U	<0.0069U	<0.0089U	<0.052J
F-Wing	SSHS-B96	6-10	8/12/2014	61B	<0.00028U	<0.00049U	<0.00037U	<0.00037U	<0.00025U	<0.00028U	<0.00031U	<0.00035U	<0.00037U	<0.00037U	<0.034U	<0.0068U	<0.0072U	<0.0086U	<0.031U	<0.0074U	<0.0094U	<0.0075U
F-Wing	SSHS-B96	10-15.5	8/12/2014	57B	<0.00027U	<0.00046U	<0.00035U	<0.00035U	<0.00023U	<0.00026U	<0.00029U	<0.00033U	<0.00034U	<0.00034U	<0.032U	<0.0064U	<0.0068U	<0.0082U	<0.029U	<0.013J	<0.025J	<0.034J
F-Wing	SSHS-B98	2-6	8/13/2014	67B	<0.00028U	<0.00048U	<0.00036U	<0.00036U	<0.00047J	<0.00027U	<0.00031U	<0.00034U	<0.00036U	<0.00036U	<0.033U	<0.007J	<0.007U	0.11	<0.03U	0.27	1	0.87
F-Wing	SSHS-B98	6-10	8/13/2014	79B	<0.00028U	<0.00049U	<0.00037U	<0.00037U	<0.00025U	<0.00028U	<0.00031U	<0.00035U	<0.00037U	<0.00037U	<0.034U	<0.0068U	<0.0073U	<0.0087U	<0.031U	<0.012J	<0.059J	<0.057J
F-Wing	SSHS-B98	10-12	8/13/2014	55B	<0.00032U	<0.00055U	<0.00042U	<0.00042U	<0.00028U	<0.00032U	<0.00035U	<0.0004U	<0.00041U	<0.00041U	<0.038U	<0.0078U	<0.0083U	<0.0099U	<0.035U	<0.0084U	<0.037J	<0.08J
F-Wing	SSHS-MW47	10-12	8/29/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F-Wing	SSHS-MW47	16-18	8/29/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 10B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Siet - North Portion
Elmira, New York

				SVOCs															
				Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Di-n-butyl phthalate	Di-n-octyl phthalate	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00057	0.00036	0.00073	0.003	0.0025	0.00034	0.00044	0.0004	0.0018	0.0023	0.0019	0.00039	0.00048	0.00037	0.00032	0.0006	0.00037
Restricted Residential SCO				1	100	3.9				3.9	0.33	59			100	100	0.5	100	100	100
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																	
Football Field	SSHS-FB3	3-4	6/29/2000	<0.38U	<0.38U	<0.38U	-	-	-	0.23J	<0.38U	<0.38U	-	-	0.12J	<0.38U	<0.38U	<0.38U	0.1J	0.12J
Football Field	SSHS-FB4	3-4	6/29/2000	2.6	1.9	2.8	-	-	-	3.6	0.68J	<1.1U	-	-	5.6	<1.1U	1.9	0.37J	1.5	4.8
Football Field	SSHS-FB5	2-4	6/29/2000	0.047J	<0.39U	<0.39U	-	-	-	0.09J	<0.39U	<0.39U	-	-	0.083J	<0.39U	<0.39U	0.44	0.12J	0.058J
Football Field	SSHS-FB5	6-8	6/29/2000	<0.38U	<0.38U	<0.38U	-	-	-	<0.38U	<0.38U	<0.38U	-	-	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U
Football Field	SSHS-FB5-A	2.5-2.5	7/21/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB5-B	2.5-2.5	7/21/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB5-C	2.5-2.5	7/21/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB5-D	2.5-2.5	7/21/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB5-E	2.5-2.5	7/21/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field	SSHS-FB6	1-3	6/29/2000	0.13J	0.11J	0.13J	-	-	-	0.21J	0.053J	<0.37U	-	-	0.25J	<0.37U	0.075J	0.054J	0.24J	0.18J
Football Field	SSHS-FB6	4-6	6/29/2000	<3.9U	<3.9U	<3.9U	-	-	-	0.89J	<3.9U	<3.9U	-	-	<3.9U	<3.9U	<3.9U	<3.9U	<3.9U	3.6J
Football Field	SSHS-FB6	17-19	6/29/2000	<0.37U	<0.37U	<0.37U	-	-	-	0.21J	<0.37U	<0.37U	-	-	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U
Football Field	SSHS-FB7	1-3	6/29/2000	0.19J	0.14J	0.18J	-	-	-	0.32J	0.053J	<0.4U	-	-	0.62	0.041J	0.14J	<0.4U	5.33	0.46
Football Field North	SSHS-B3	4-8	5/12/2000	0.29J	0.25J	0.24J	-	-	-	0.27J	0.078J	<0.42U	-	-	0.57	<0.42U	0.22J	<0.42U	0.15J	0.42J
Football Field North	SSHS-B4	2-4	5/12/2000	<4U	<4U	<4U	-	-	-	<4U	<4U	<4U	-	-	<4U	<4U	<4U	<4U	<4U	<4U
Football Field North	SSHS-B49	0.5-2.5	9/13/2000	1.3	0.2	1.5	<0.38U	<0.38U	<0.38U	1.3	0.48	<0.38U	<0.38U	<0.38U	2.5	<0.38U	1.5	0.61	1.2	1.9
Football Field North	SSHS-B6	1-3	5/11/2000	0.32J	0.31J	0.28J	-	-	-	0.28J	0.096J	<0.36U	-	-	0.33J	<0.36U	0.28J	<0.36U	0.08J	0.3J
Football Field North	SSHS-MW11D	18-20	5/1/2003	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Football Field SE	SSHS-B9	2-3	5/11/2000	0.14J	0.076J	0.14J	-	-	-	0.18J	<0.36U	<0.36U	-	-	0.28J	<0.36U	0.07J	<0.36U	0.038J	0.22J
Football Field SW	SSHS-B8	4-5	5/11/2000	<0.37U	<0.37U	<0.37U	-	-	-	<0.37U	<0.37U	<0.37U	-	-	0.042J	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U
F-Wing	SSHS-B18	1-3	5/10/2000	0.22J	0.22J	0.22J	-	-	-	0.33J	0.069J	<0.37U	-	-	0.66	0.051J	0.18J	<0.37U	0.59	0.7
F-Wing	SSHS-B20	5-7	5/9/2000	0.14J	0.12J	0.12J	-	-	-	0.23J	0.056J	<0.38U	-	-	<0.36J	<0.38U	0.11J	<0.38U	0.25J	0.36J
F-Wing	SSHS-B92	2-6	8/12/2014	<0.012U	<0.0074U	<0.015U	<0.06U	<0.051U	<0.0068U	<0.0088U	<0.0082U	<0.036U	<0.046U	<0.039U	<0.052J	<0.0098U	<0.0076U	<0.022J	0.081	<0.072J
F-Wing	SSHS-B92	6-10	8/12/2014	<0.014U	<0.0089U	<0.018U	<0.073U	<0.061U	<0.0083U	<0.011U	<0.01U	<0.044U	<0.056U	<0.047U	<0.0096U	<0.012U	<0.0093U	<0.0077U	<0.014U	<0.0091U
F-Wing	SSHS-B92	10-16	8/12/2014	<0.012U	<0.0074U	<0.015U	<0.06U	<0.051U	<0.0068U	<0.0088U	<0.0082U	<0.036U	<0.046U	<0.039U	<0.0079U	<0.0098U	<0.0076U	<0.0064U	<0.012U	<0.0075U
F-Wing	SSHS-B93	2-6	8/12/2014	<0.025J	<0.028J	<0.015U	<0.059U	<0.05U	<0.0068U	<0.02J	<0.0082U	<0.036U	<0.046U	<0.039U	<0.02J	<0.0097U	<0.02J	<0.0063U	<0.016J	<0.021J
F-Wing	SSHS-B93	6-10	8/12/2014	<0.011U	<0.0072U	<0.015U	<0.059U	<0.05U	<0.0067U	<0.0087U	<0.0081U	<0.036U	<0.046U	<0.038U	<0.0078U	<0.0096U	<0.0075U	<0.0063U	<0.012U	<0.0074U
F-Wing	SSHS-B93	10-16	8/12/2014	<0.011U	<0.0071U	<0.014U	<0.058U	<0.049U	<0.0066U	<0.0085U	<0.0079U	<0.035U	<0.045U	<0.038U	<0.0076U	<0.0094U	<0.0073U	<0.0061U	<0.011U	<0.0072U
F-Wing	SSHS-B94	2-6	8/12/2014	0.077	<0.059J	<0.034J	<0.058U	<0.049U	<0.0067U	<0.06J	<0.008U	<0.036U	<0.045U	<0.038U	0.083	<0.0095U	<0.056J	<0.019J	<0.057J	0.085
F-Wing	SSHS-B94	6-10	8/12/2014	<0.011U	<0.0072U	<0.015U	<0.059U	<0.05U	<0.0067U	<0.0087U	<0.0081U	<0.036U	<0.046U	<0.038U	<0.021J	<0.0096U	<0.0075U	<0.0063U	<0.022J	<0.02J
F-Wing	SSHS-B94	10-16	8/12/2014	<0.012U	<0.0073U	<0.015U	<0.06U	<0.05U	<0.0068U	<0.0088U	<0.0082U	<0.036U	<0.046U	<0.039U	<0.0079U	<0.0097U	<0.0076U	<0.0064U	<0.012U	<0.0075U
F-Wing	SSHS-B95	2-6	8/12/2014	<0.011U	<0.0072U	<0.015U	<0.058U	<0.049U	<0.0066U	<0.0086U	<0.008U	<0.035U	<0.045U	<0.038U	<0.0077U	<0.0095U	<0.0074U	<0.0062U	<0.011U	<0.0073U
F-Wing	SSHS-B95	6-10	8/12/2014	<0.011U	<0.0071U	<0.014U	<0.057U	<0.049U	<0.0065U	<0.0085U	<0.0079U	<0.035U	<0.044U	<0.037U	<0.0076U	<0.0094U	<0.0073U	<0.0061U	<0.011U	<0.0072U
F-Wing	SSHS-B95	10-16	8/12/2014	<0.011U	<0.0072U	<0.015U	<0.059U	<0.05U	<0.0067U	<0.0087U	<0.0081U	<0.036U	<0.046U	<0.038U	<0.0078U	<0.0096U	<0.0075U	<0.0063U	<0.012U	<0.0073U
F-Wing	SSHS-B96	2-6	8/12/2014	<0.051J	0.12	<0.014U	<0.057U	<0.048U	<0.0065U	<0.0084U	0.083	<0.035U	<0.044U	<0.037U	<0.021J	<0.0093U	0.072	<0.0061U	<0.027J	<0.023J
F-Wing	SSHS-B96	6-10	8/12/2014	<0.012U	<0.0075U	<0.015U	<0.061U	<0.052U	<0.0069U	<0.009U	<0.0084U	<0.037U	<0.047U	<0.04U	<0.021J	<0.0099U	<0.0078U	<0.0065U	<0.012U	<0.02J
F-Wing	SSHS-B96	10-15.5	8/12/2014	<0.022J	<0.065J	<0.022J	<0.058U	<0.049U	<0.0066U	<0.032J	<0.037J	<0.035U	<0.045U	<0.038U	<0.051J	<0.0094U	<0.033J	<0.0061U	<0.051J	<0.04J
F-Wing	SSHS-B98	2-6	8/13/2014	1	0.67	0.37	<0.059U	<0.05U	0.16	0.94	0.17	<0.036U	<0.046U	<0.038U	2.1	<0.0096U	0.58	<0.035J	0.8	1.8
F-Wing	SSHS-B98	6-10	8/13/2014	<0.068J	<0.05J	<0.023J	<0.061U	<0.052U	<0.007U	<0.053J	<0.0085U	<0.037U	<0.048U	<0.04U	0.11	<0.01U	<0.04J	<0.0066U	<0.037J	0.088
F-Wing	SSHS-B98	10-12	8/13/2014	<0.073J	<0.078J	<0.042J	<0.07U	<0.059U	<0.0079U	<0.056J	<0.0096U	<0.042U	<0.054U	<0.045U	<0.066J	<0.011U	<0.064J	<0.0074U	<0.014U	<0.063J
F-Wing	SSHS-MW47	10-12	8/29/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F-Wing	SSHS-MW47	16-18	8/29/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 10B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Siet - North Portion
Elmira, New York

				VOCs																		
				Benzene	Ethylbenzene	Toluene	Xylene (m & p)	Xylene Total	1,2-Dichloroethene	Chloroform	cis-1,2-dichloroethene	Dichloromethane	Trichloroethene	Tetrachloroethene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Methyl Ethyl Ketone	Acetone	Carbon disulfide
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00046	0.00044	0.00049	0.001	0.0029	0.0015	0.0004	0.00048	0.00046	0.00045	0.00046			0.00046					0.0006	0.0034	0.00035
Restricted Residential SCO				4.8	41	100		100		49	100	100	21	19	52	52		100	100		100	100	100	
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																					
K-Wing	SSHS-B19	1-4	5/9/2000	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	-	<0.0019J	<0.0056U	0.0038J	0.0067	0.028	-	-	-	-	-	-	-	<0.011U	<0.022U	-
K-Wing	SSHS-B97	2-6	8/13/2014	<0.00068U	<0.00064U	<0.00073U	<0.0015U	-	-	<0.00059U	<0.0007U	<0.00067U	<0.00076J	<0.00068U	-	-	<0.00068U	-	-	-	-	<0.00088U	<0.005U	<0.00051U
K-Wing	SSHS-B97	6-10	8/13/2014	<0.00058U	<0.00055U	<0.00063U	<0.0013U	-	-	<0.0005U	<0.0006U	<0.00058U	<0.00057U	<0.00058U	-	-	<0.00058U	-	-	-	-	<0.00076U	<0.0043U	<0.00044U
K-Wing	SSHS-B97	10-16	8/13/2014	<0.00058U	<0.00056U	<0.00063U	<0.0013U	-	-	<0.00051U	<0.00061U	<0.00058U	<0.00057U	<0.00059U	-	-	<0.00059U	-	-	-	-	<0.00076U	<0.0043U	<0.00044U
Main Parking Lot	SSHS-B17	1-3	5/10/2000	<0.0062U	<0.0062U	<0.0062U	<0.0062U	-	-	<0.0062U	<0.0062U	<0.0062U	0.032	0.0036J	-	-	-	-	-	-	-	<0.012U	<0.025U	-
Main Parking Lot	SSHS-B73	2-6	8/13/2014	<0.00099U	<0.00094U	<0.0011U	<0.0022U	-	-	<0.00086U	<0.001U	<0.00099U	<0.00097U	<0.001U	-	-	<0.001U	-	-	-	-	<0.0013U	<0.0073U	<0.00075U
Main Parking Lot	SSHS-B73	6-10	8/13/2014	<0.00067U	<0.00063U	<0.00072U	<0.0014U	-	-	<0.00058U	<0.00069U	<0.00066U	<0.00065U	<0.00067U	-	-	<0.00067U	-	-	-	-	<0.00087U	<0.0049U	<0.0005U
Main Parking Lot	SSHS-B73	10-15	8/13/2014	<0.00058U	<0.00055U	<0.00063U	<0.0013U	-	-	<0.0005U	<0.0006U	<0.00058U	<0.00075J	<0.00059U	-	-	<0.00058U	-	-	-	-	<0.00076U	<0.0043U	<0.00044U
Main Parking Lot	SSHS-B74	2-6	8/13/2014	<0.00075U	<0.00071U	<0.00081U	<0.0016U	-	-	<0.00065U	<0.00078U	<0.00074U	<0.00073U	<0.00075U	-	-	<0.00075U	-	-	-	-	<0.00098U	<0.0055U	<0.00057U
Main Parking Lot	SSHS-B74	6-10	8/13/2014	<0.00058U	<0.00055U	<0.00063U	<0.0013U	-	-	<0.0005U	<0.00061U	<0.00058U	<0.00057U	<0.00059U	-	-	<0.00058U	-	-	-	-	<0.00076U	<0.0043U	<0.00044U
Main Parking Lot	SSHS-B74	10-15	8/13/2014	<0.00075U	<0.00071U	<0.00081U	<0.0016U	-	-	<0.00065U	<0.00078U	<0.00074U	<0.00073U	<0.00075U	-	-	<0.00075U	-	-	-	-	<0.00098U	<0.0055U	<0.00057U
Main Parking Lot	SSHS-B78	2-6	8/14/2014	<0.00076U	<0.00072U	<0.00082U	<0.0017U	-	-	<0.00066U	<0.00079U	<0.00076U	<0.00074U	<0.00077U	-	-	<0.00076U	-	-	-	-	<0.00099U	<0.0056U	<0.00058U
Main Parking Lot	SSHS-B78	6-10	8/14/2014	<0.00087U	<0.00082U	<0.00094U	<0.0019U	-	-	<0.00075U	<0.0009U	<0.00086U	<0.00084U	<0.00087U	-	-	<0.00087U	-	-	-	-	<0.0011U	<0.0064U	<0.00066U
Main Parking Lot	SSHS-B78	10-15	8/14/2014	<0.00071U	<0.00068U	<0.00077U	<0.0016U	-	-	<0.00062U	<0.00074U	<0.00071U	<0.00069U	<0.00072U	-	-	<0.00072U	-	-	-	-	<0.00093U	<0.0053U	<0.00054U
Main Parking Lot	SSHS-B79	2-6	8/14/2014	<0.00073U	<0.0007U	<0.00079U	<0.0016U	-	-	<0.00063U	<0.00076U	<0.00073U	<0.00071U	<0.00074U	-	-	<0.00074U	-	-	-	-	<0.00096U	<0.0054U	<0.00056U
Main Parking Lot	SSHS-B79	6-10	8/14/2014	<0.00067U	<0.00064U	<0.00073U	<0.0015U	-	-	<0.00058U	<0.0007U	<0.00067U	<0.00065U	<0.00068U	-	-	<0.00068U	-	-	-	-	<0.00088U	<0.005U	<0.00051U
Main Parking Lot	SSHS-B79	10-15	8/14/2014	<0.00078U	<0.00074U	<0.00084U	<0.0017U	-	-	<0.00068U	<0.00081U	<0.00078U	<0.00076U	<0.00079U	-	-	<0.00079U	-	-	-	-	<0.001U	<0.0058U	<0.00059U
Main Parking Lot	SSHS-B80	2-6	8/14/2014	<0.00065U	<0.00062U	<0.0007U	<0.0014U	-	-	<0.00056U	<0.00068U	<0.00065U	<0.00063U	<0.00065U	-	-	<0.00065U	-	-	-	-	<0.00085U	<0.0048U	<0.00049U
Main Parking Lot	SSHS-B80	6-10	8/14/2014	<0.00066U	<0.00063U	<0.00089J	<0.0014U	-	-	<0.00057U	<0.00069U	<0.00066U	<0.00064U	<0.00066U	-	-	<0.00066U	-	-	-	-	<0.00086U	<0.0049U	<0.0005U
Main Parking Lot	SSHS-B80	10-14.5	8/14/2014	<0.00051U	<0.00048U	<0.00055U	<0.0011U	-	-	<0.00044U	<0.00053U	<0.0005U	<0.00049U	<0.00051U	-	-	<0.00051U	-	-	-	-	<0.00066U	<0.0037U	<0.00038U
Main Parking Lot	SSHS-B81	2-6	8/14/2014	<0.00072U	<0.00068U	<0.00078U	<0.0016U	-	-	<0.00062U	<0.00075U	<0.00072U	<0.0007U	<0.00072U	-	-	<0.00072U	-	-	-	-	<0.00094U	<0.0053U	<0.00055U
Main Parking Lot	SSHS-B81	6-10	8/14/2014	<0.00067U	<0.00064U	<0.00072U	<0.0015U	-	-	<0.00058U	<0.0007U	<0.00066U	<0.00065U	<0.00067U	-	-	<0.00067U	-	-	-	-	<0.00087U	<0.0049U	<0.00051U
Main Parking Lot	SSHS-B81	10-13.5	8/14/2014	<0.00086U	<0.00082U	<0.00093U	<0.0019U	-	-	<0.00074U	<0.00089U	<0.00086U	<0.00084U	<0.00087U	-	-	<0.00086U	-	-	-	-	<0.0011U	<0.0064U	<0.00065U
Main Parking Lot	SSHS-B82	2-6	8/13/2014	<0.00066U	<0.00063U	<0.00071U	<0.0014U	-	-	<0.00057U	<0.00069U	<0.00066U	<0.00064U	<0.00066U	-	-	<0.00066U	-	-	-	-	<0.00086U	<0.0049U	<0.0005U
Main Parking Lot	SSHS-B82	6-10	8/13/2014	<0.00054U	<0.00052U	<0.00059U	<0.0012U	-	-	<0.00047U	<0.00057U	<0.00054U	<0.00053U	<0.00055U	-	-	<0.00055U	-	-	-	-	<0.00071U	<0.004U	<0.00041U
Main Parking Lot	SSHS-B82	10-15	8/13/2014	<0.00056U	<0.00053U	<0.00061U	<0.0012U	-	-	<0.00049U	<0.00058U	<0.00056U	<0.00055U	<0.00057U	-	-	<0.00056U	-	-	-	-	<0.00073U	<0.0042U	<0.00043U
Main Parking Lot	SSHS-B83	2-6	8/13/2014	<0.00071U	<0.00068U	<0.00077U	<0.0016U	-	-	<0.00062U	<0.00074U	<0.00071U	<0.00069U	<0.00072U	-	-	<0.00072U	-	-	-	-	<0.00093U	<0.0064J	<0.00054U
Main Parking Lot	SSHS-B83	6-10	8/13/2014	<0.00066U	<0.00063U	<0.00072U	<0.0014U	-	-	<0.00057U	<0.00069U	<0.00066U	<0.00065U	<0.00067U	-	-	<0.00067U	-	-	-	-	<0.00087U	<0.0049U	<0.0005U
Main Parking Lot	SSHS-B83	10-14.5	8/13/2014	<0.00061U	<0.00058U	<0.00066U	<0.0013U	-	-	<0.00053U	<0.00064U	<0.00061U	<0.0006U	<0.00062U	-	-	<0.00062U	-	-	-	-	<0.0008U	<0.0045U	<0.00047U
Main Parking Lot	SSHS-B84	2-6	8/14/2014	<0.00065U	<0.00062U	<0.0007U	<0.0014U	-	-	<0.00056U	<0.00067U	<0.00064U	<0.00063U	<0.00065U	-	-	<0.00065U	-	-	-	-	<0.00084U	<0.0048U	<0.00049U
Main Parking Lot	SSHS-B84	6-10	8/14/2014	<0.00057U	<0.00054U	<0.00062U	<0.0012U	-	-	<0.00049U	<0.00059U	<0.00057U	<0.00056U	<0.00058U	-	-	<0.00057U	-	-	-	-	<0.00075U	<0.0042U	<0.00043U
Main Parking Lot	SSHS-B84	10-14	8/14/2014	<0.00062U	<0.00059U	<0.00067U	<0.0014U	-	-	<0.00054U	<0.00065U	<0.00062U	<0.00061U	<0.00063U	-	-	<0.00063U	-	-	-	-	<0.00081U	<0.0046U	<0.00047U
Main Parking Lot	SSHS-B85	2-6	8/13/2014	<0.001U	<0.00095U	<0.0011U	<0.0022U	-	-	<0.00086U	<0.001U	<0.00099U	<0.00097U	<0.001U	-	-	<0.001U	-	-	-	-	<0.0013U	<0.0074U	<0.00076U
Main Parking Lot	SSHS-B85	6-10	8/13/2014	<0.00059U	<0.00056U	<0.00064U	<0.0013U	-	-	<0.00051U	<0.00062U	<0.00059U	<0.00058U	<0.0006U	-	-	<0.0006U	-	-	-	-	<0.00077U	<0.0044U	<0.00045U
Main Parking Lot	SSHS-B85	10-15	8/13/2014	<0.00071U	<0.00068U	<0.00079J	<0.0016U	-	-	<0.00062U	<0.00074U	<0.00071U	<0.00069U	<0.00072U	-	-	<0.00072U	-	-	-	-	<0.00093U	<0.0053U	<0.00054U
Main Parking Lot	SSHS-B86	2-6	8/13/2014	<0.00066U	<0.00063U	<0.00071U	<0.0014U	-	-	<0.00057U	<0.00068U	<0.00065U	<0.00064U	<0.00066U	-	-	<0.00066U	-	-	-	-	<0.00086U	<0.0049U	<0.0005U
Main Parking Lot	SSHS-B86	6-10	8/13/2014	<0.00066U	<0.00063U	<0.00071U	<0.0014U	-	-	<0.00057U	<0.00069U	<0.00066U	<0.00064U	<0.00066U	-	-	<0.00066U	-	-	-	-	<0.00086U	<0.0049U	<0.0005U
Main Parking Lot	SSHS-B86	10-15	8/13/2014	<0.00059U	<0.00056U	<0.00063U	<0.0013U	-	-	<0.00051U	<0.00061U	<0.00058U	<0.00057U	<0.00059U	-	-	<0.00059U	-	-	-	-	<0.00076U	<0.0043U	<0.00044U
Main Parking Lot	SSHS-B87	2-6	8/14/2014	<0.00064U	<0.00061U	<0.00069U	<0.0014U	-	-	<0.00056U	<0.00067U	<0.00064U	<0.00062U	<0.00065U	-	-	<0.00064U	-	-	-	-	<0.00084U	<0.0047U	<0.00049U
Main Parking Lot	SSHS-B87	6-10	8/14/2014	<0.00066U	<0.00063U	<0.00071U	<0.0014U	-	-	<0.00057U	<0.00069U	<0.00065U	<0.00064U	<0.00066U	-	-	<0.00066U	-	-	-	-	<0.00086U	<0.0049U	<0.0005U
Main Parking Lot	SSHS-B87	10-15	8/14/2014	<0.00079U	<0.00075U	<0.00086U	<0.0017U	-	-	<0.00069U	<0.00083U	<0.00079U	<0.00077U	<0.0008U	-	-	<0.0008U	-	-	-	-	<0.001U	<0.0059U	<0.0006U
Main Parking Lot	SSHS-B88	2-6	8/13/2014	<0.00046U	<0.00044U	<0.00049U	<0.001U	-	-	<0.0004U	<0.00048U	<0.00046U	<0.00045U	<0.00046U	-	-	<0.00046U	-	-	-	-	<0.0006U	<0.0034U	<0.00035U

TABLE 10B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Siet - North Portion
Elmira, New York

				Inorganics		Metals																						
				Cyclohexane	Cyanide Total	Sodium	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (III+VI)	Chromium (Trivalent)	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Thallium	Tin	Vanadium
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00025	0.15	55	7.9	0.14	0.39	7.9	0.16	0.014	200	0.2		2	0.99	3.9	0.39	200	0.59	0.008	1.6	200	0.25	0.038	0.14		2
Restricted Residential SCO					27				16	400	72	4.3		110	180		270		400		2000	0.81	310		180	180			
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																										
K-Wing	SSHS-B19	1-4	5/9/2000	-	<1.11U	-	-	-	4.7N*	105	<0.55U	<0.55U	-	14.5	-	-	65N*	-	51.9N*	-	-	<0.05UN	49.4N	-	0.77	<1.1U	-	-	-
K-Wing	SSHS-B97	2-6	8/13/2014	<0.00037U	1.8	<510U	9500	<0.2UJ	8	71	<0.4J	<0.047J	22,000	13B	-	7.4	23J	19,000	18	3900J	400	<0.022J	19B	740	<0.49J	<0.042U	<0.15U	-	14
K-Wing	SSHS-B97	6-10	8/13/2014	<0.00032U	<0.15U	<530U	8200	<0.21U	8.1	63	<0.33J	<0.045J	22,000	10B	-	7.6	22	20,000	9.8	4700	410	<0.015J	18B	800	<0.29U	<0.043U	<0.16U	-	12
K-Wing	SSHS-B97	10-16	8/13/2014	<0.00032U	0.71	<520U	7500	<0.21U	6.7	56	<0.31J	<0.072J	8600	11B	-	6.2	33	19,000	9	4500	450	<0.015J	17B	700	<0.47J	<0.52U	<0.15U	-	12
Main Parking Lot	SSHS-B17	1-3	5/10/2000	-	<1.24U	-	-	-	4.1	118	<0.6U	<0.6U	-	13.4	-	-	11.6	-	16.5	-	-	<0.06U	16.5	-	<0.59U	<1.2U	-	-	-
Main Parking Lot	SSHS-B73	2-6	8/13/2014	<0.00054U	<0.17U	<140J,B	7500	<0.22U	7.9	73B	<0.37J	<0.11J	6500B	14	-	6.7	33	18,000B	50	2700B	360	<0.033J	28	590B	<0.78J	<0.045U	<0.18J	-	13
Main Parking Lot	SSHS-B73	6-10	8/13/2014	<0.00037U	<0.15U	<140J,B	6200	<0.22U	5.9	54B	<0.25J	<0.086J	31,000B	8	-	5.6	25	15,000B	13	6700B	390	<0.012U	15	620B	<0.37J	<0.045U	<0.16U	-	10
Main Parking Lot	SSHS-B73	10-15	8/13/2014	<0.00032U	<0.16U	<180J,B	7600	<0.55J	8.6	78B	<0.36J	<0.17J	15,000B	12	-	6.7	37	18,000B	42	3800B	430	<0.033J	24	640B	<0.3U	<0.07J	<0.16U	-	13
Main Parking Lot	SSHS-B74	2-6	8/13/2014	<0.00041U	<0.16U	<43J,B	7600	<0.2U	7.5	56B	<0.28J	<0.036J	820B	8.7	-	7.2	20	19,000B	14	2400B	510	<0.014J	16	520B	<0.33J	<0.04U	<0.15U	-	11
Main Parking Lot	SSHS-B74	6-10	8/13/2014	<0.00032U	<0.23J	<48J,B	6800	<0.22U	7.4	53B	<0.28J	<0.039J	800B	9.6	-	6.4	20	17,000B	22	2000B	640	<0.022J	14	560B	<0.38J	<0.045U	<0.31J	-	10
Main Parking Lot	SSHS-B74	10-15	8/13/2014	<0.00041U	<0.16U	<62J,B	6400	<0.22U	7	45B	<0.27J	<0.047J	1700B	14	-	6	19	17,000B	9.3	2400B	500	<0.017J	14	570B	<0.3U	<0.045U	<0.16U	-	9.9
Main Parking Lot	SSHS-B78	2-6	8/14/2014	<0.00042U	0.8	<120J	7900	2.6	7.6	60	<0.38J	<0.53U	5900	9.8	-	5.7	45	18,000B	93J	2000	510	0.058	14	680B	<0.73J	<0.043U	<0.16U	-	15
Main Parking Lot	SSHS-B78	6-10	8/14/2014	<0.00048U	<0.16U	<130J	9400	<0.67J	4	56	<0.32J	<0.52U	73,000	8.8	-	5.4	20	13,000B	8.2	8500	450	<0.012J	12	660B	<0.36J	<0.042U	<0.15U	-	11
Main Parking Lot	SSHS-B78	10-15	8/14/2014	<0.00039U	<0.15U	<180J	4900	<0.39J	4.7	36	<0.24J	<0.47U	71,000	5.5	-	<3.8J	16	9700B	4.2	8500	360	<0.011U	9.3	520B	<0.48J	<0.038U	<0.14U	-	7.5
Main Parking Lot	SSHS-B79	2-6	8/14/2014	<0.0004U	<0.15U	<71J	6400	<0.73J	8.3	36	<0.32J	<0.015U	1500J	9.6	-	5.2	18	23,000B	22J	1700	380	<0.029J	11	720B	<0.42J	<0.041U	<0.15U	-	15
Main Parking Lot	SSHS-B79	6-10	8/14/2014	<0.00037U	<0.16U	<47J	5200	<0.28J	6.4	33	<0.23J	<0.016U	740	7.4	-	<4.7J	16	13,000B	5.9	1900	320	<0.012U	11	570B	<0.47J	<0.046U	<0.17U	-	9.6
Main Parking Lot	SSHS-B79	10-15	8/14/2014	<0.00043U	<0.16U	<62J	4800	<0.29J	4.5	24	<0.2J	<0.53U	16,000	5.7	-	<4.2J	13	11,000B	4.8	2800	310	<0.011U	10	550B	<0.6J	<0.043U	<0.16U	-	7.8
Main Parking Lot	SSHS-B80	2-6	8/14/2014	<0.00036U	<0.16U	<160J	5700	<0.19U	5.6	48	<0.25J	<0.014U	7900	7.3	-	5.3	21	14,000B	6.1	5300	590	<0.012U	12	550B	<0.37J	<0.04U	<0.14U	-	10
Main Parking Lot	SSHS-B80	6-10	8/14/2014	<0.00042J	<0.15U	<93J	5200	<0.36J	4.1	30	<0.22J	<0.52U	38,000	7.5	-	<4.6J	14	12,000B	6.3	5000	330	<0.011U	11	550B	<0.66J	<0.042U	<0.15U	-	8.7
Main Parking Lot	SSHS-B80	10-14.5	8/14/2014	<0.00028U	<0.16U	<110J	4300	<0.37J	4.3	30	<0.18J	<0.5U	47,000	8.3	-	<4.2J	12	11,000B	6.8	9500	330	<0.012U	9.9	590B	<0.35J	<0.041U	<0.15U	-	8.4
Main Parking Lot	SSHS-B81	2-6	8/14/2014	<0.0004U	<0.36J+	<210J	7600	<0.27J	6.8	72	<0.34J	<0.015U	5500	9.7	-	<5.3J	39	17,000	16	1700	340	<0.018J	14	650	<1.1U	<0.044U	<0.16U	-	13
Main Parking Lot	SSHS-B81	6-10	8/14/2014	<0.00037U	<0.17U	<94J	5800	<0.24U	3.8	27	<0.3J	<0.017U	880	7.6	-	<5.4J	16	15,000	6.3	1700	290	<0.012U	12	610	<1.2U	<0.049U	<0.18U	-	11
Main Parking Lot	SSHS-B81	10-13.5	8/14/2014	<0.00047U	<0.16U	<90J	5700	<0.22U	5.8	37	<0.28J	<0.54U	1200	8.1	-	6.7	19	15,000	8.7	1900	710	<0.012U	14	<540U	<0.29U	<0.044U	<0.16U	-	10
Main Parking Lot	SSHS-B82	2-6	8/13/2014	<0.00036U	<0.16U	<130J,B	6000	<0.22U	7.2	43B	<0.28J	<0.071J	8800B	7.7	-	<4.8J	18	14,000B	9.3	4400B	520	<0.017J	12	<530J,B	<0.3J	<0.044U	<0.16U	-	9.9
Main Parking Lot	SSHS-B82	6-10	8/13/2014	<0.0003U	<0.16U	<100J,B	5100	<0.21U	4.6	27B	<0.21J	<0.055J	44,000B	6.1	-	<4.6J	16	12,000B	5	16,000B	310	<0.011U	11	550B	<0.43J	<0.042U	<0.15U	-	8.3
Main Parking Lot	SSHS-B82	10-15	8/13/2014	<0.00031U	<0.16U	<110J,B	4800	<0.21U	4.8	42B	<0.2J	<0.06J	85,000B	5.9	-	<4.6J	17	12,000B	5.6	8300B	420	<0.011U	12	<500J,B	<0.5J	<0.042U	<0.15U	-	8.2
Main Parking Lot	SSHS-B83	2-6	8/13/2014	<0.00039U	<0.17U	<150J,B	11,000	<0.22U	8.9	71B	0.49	<0.044J	1200B	12	-	9	16	21,000B	16	2700B	450	0.06	18	690B	<0.58J	<0.045U	<0.19J	-	16
Main Parking Lot	SSHS-B83	6-10	8/13/2014	<0.00036U	<0.16U	<90J,B	5000	<0.22U	6.4	69B	<0.25J	<0.064J	8200B	6.4	-	<4.5J	13	12,000B	6.1	5000B	460	<0.016J	11	570B	<0.3U	<0.045U	<0.16U	-	8.2
Main Parking Lot	SSHS-B83	10-14.5	8/13/2014	<0.00034U	<0.16U	<76J,B	4800	<0.22U	6.4	47B	<0.23J	<0.068J	2700B	7.4	-	<4.9J	15	14,000B	6.7	1900B	490	<0.012U	12	<490J,B	<0.5J	<0.044U	<0.16U	-	7.8
Main Parking Lot	SSHS-B84	2-6	8/14/2014	<0.00036U	0.64	<230J	7200	<0.32J	6.1	47	<0.31J	<0.015U	1700	8.8	-	5.9	31	24,000	14	1500	460	<0.023J	12	<520U	<1U	<0.042U	<0.15U	-	12
Main Parking Lot	SSHS-B84	6-10	8/14/2014	<0.00031U	<0.16U	<130J	5800	<0.3J	7.3	37	<0.25J	<0.015U	28,000J	8	-	5.9	19	15,000	11	13,000	450	<0.012U	14	610	<0.29U	<0.043U	<0.16U	-	11
Main Parking Lot	SSHS-B84	10-14	8/14/2014	<0.00034U	<0.16U	<130J	4900	<0.32J	4.9	35	<0.23J	<0.014U	37,000	6.4	-	4.9	15	12,000	6	11,000	370	<0.012U	12	560	<0.99U	<0.04U	<0.15U	-	8.6
Main Parking Lot	SSHS-B85	2-6	8/13/2014	<0.00055U	52	720B	5500	<0.24U	4.8	150B	<0.25J	<0.052J	57,000B	6.3	-	<3.6J	14	11,000B	11	1300B	400	<0.018J	8.9	<440J,B	<1.1J	<0.048U	<0.17U	-	10
Main Parking Lot	SSHS-B85	6-10	8/13/2014	<0.00033U	<0.17U	<110J,B	7300	<0.21U	6.5	34B	<0.33J	<0.04J	<500J,B	7.8	-	5.7	14	15,000B	7.5	2100B	290	<0.02J	13	590B	<0.45J	<0.042U	<0.15U	-	11
Main Parking Lot	SSHS-B85	10-15	8/13/2014	<0.0007J	<0.17U	<110J,B	6800	<0.22U	6.9	96B	<0.3J	<0.1J	1500B	9.2	-	7.1	18	17,000B	9.3	2300B	410	<0.015J	16	720B	<0.48J	<0.045U	<0.16U	-	12
Main Parking Lot	SSHS-B86	2-6	8/13/2014	<0.00036U	<0.17U	<350J,B	12,000	<0.36J	6.8	120	0.51	<0.08J,B	1400	12	-	8.6	13	19,000	15	2700	620	<0.019J	17B	580B	<0.62J	<0.044U	<0.24J	-	16
Main Parking Lot	SSHS-B86	6-10	8/13/2014	<0.00036U	<0.16U	<260J,B	8800	<0.22U	9.5	100	<0.38J	<0.092J,B	1100	11	-	8.5	22	20,000	11	2400	550	<0.024J	20B	680B	<0.31J	<0.045U	<0.26J	-	13
Main Parking Lot	SSHS-B86	10-15	8/13/2014	<0.00032U	<0.17U	<110J,B	6100	<0.22U	6.5	59	<0.27J	1.2B	2400	7.8	-	5.8	18	16,000	7.8	2800	830	<0.012U	16B	<510J,B	<0.52J	<0.044U	<0.23J	-	9.9
Main Parking Lot	SSHS-B87	2-6	8/14/2014	<0.00035U	<0.19J	<240J	6900	<0.32J	6.7	45	0.45	<0.016U	1800	9.3	-	6.4	57	15,000	30	1900	330	<0.019J	15	700	1.2B	<0.045U	<0.16U	-	15
Main Parking Lot	SSHS-B87	6-10	8/14/2014	<0.00036U	<0.17U	<170J	7000	<0.23U	7.6	72	<0.34J	<0.016U	1300	8.9	-	6.6	21	17,000	9	2000	590	<0.019J	15	680	<0.3U	<0.046U	<0.17U	-	13
Main Parking Lot	SSHS-B87	10-15	8/14/2014	<0.00044U	<0.16U	<94J	5100	<0.27J	6	41	<0.23J	<0.015U	19,000	6.7	-	<5J	17	14,000	5.9	8500	360	<0.012U	12	550	<1U	<0.042U	<0.15U	-	9.7
Main Parking Lot	SSHS-B88	2-6	8/13/2014	<0.00025U	<0.17U	<170J,B	7300	<0.44J	5.2	41	<0.29J	<0.034J,B	3700	11	-	<4.9J	15	14,000	10	2300	260	<0.018J	12B	<360J,B	<0.42J	<0.044U	<0.16U	-	12

TABLE 10B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Siet - North Portion
Elmira, New York

					Pesticides																	
				Zinc	4,4-DDE	b-BHC	Chlordane (cis)	Chlordane (trans)	DDD	DDT	Dieldrin	Endosulfan I	Endrin	Endrin aldehyde	1,1-Biphenyl	2-methylnaphthalene	Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Benz(a)anthracene	Benzo(a) pyrene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.79	0.00026	0.00044	0.00034	0.00033	0.00022	0.00025	0.00028	0.00032	0.00033	0.00033	0.0016	0.00034	0.00035	0.00041	0.0015	0.00036	0.00046	0.00037
Restricted Residential SCO				10000	8.9	0.36	4.2		13	7.9	0.2	24	11				100	100		100	1	1
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																			
K-Wing	SSHS-B19	1-4	5/9/2000	84.2N	<0.0019U	<0.0019U	-	-	<0.0019U	<0.0037U	<0.0019U	<0.0019U	<0.0019U	-	-	-	<0.37U	<0.37U	-	<0.37U	0.054J	0.051J
K-Wing	SSHS-B97	2-6	8/13/2014	59B	0.016	<0.00048U	<0.0019U	<0.002U	0.0063	0.18	<0.00031U	<0.00035U	<0.0019U	<0.00036U	<0.033U	<0.0079J	<0.0071U	<0.0085U	<0.03U	<0.0072U	<0.015J	<0.0074U
K-Wing	SSHS-B97	6-10	8/13/2014	62B	<0.00027U	<0.00046U	<0.00035U	<0.00035U	<0.00023U	<0.00027U	<0.0003U	<0.00033U	<0.00035U	<0.00035U	<0.031U	<0.0063U	<0.0068U	<0.0081U	<0.029U	<0.0069U	<0.0088U	<0.007U
K-Wing	SSHS-B97	10-16	8/13/2014	89B	<0.00027U	<0.00047U	<0.00036U	<0.00036U	<0.00024U	<0.00045J	<0.0003U	<0.00034U	<0.00035U	<0.00035U	<0.032U	<0.0065U	<0.007U	<0.0083U	<0.03U	<0.0071U	<0.0091U	<0.0073U
Main Parking Lot	SSHS-B17	1-3	5/10/2000	60.6	<0.0021U	<0.0021U	-	-	<0.0021U	<0.0041U	<0.0021U	<0.0021U	<0.0021U	-	-	-	<0.41U	<0.41U	-	<0.41U	<0.41U	<0.41U
Main Parking Lot	SSHS-B73	2-6	8/13/2014	64B	<0.0008J	<0.00049U	<0.00087J	<0.0012J	<0.00045J	<0.00028U	<0.00032U	<0.00036U	<0.00037U	<0.00037U	<0.098J	0.18	0.55	<0.042J	<0.031U	0.71	1.4	1.3
Main Parking Lot	SSHS-B73	6-10	8/13/2014	59B	<0.00027U	<0.00047U	<0.00036U	<0.00053J,p	<0.00024U	<0.00027U	<0.0003U	<0.00034U	<0.00039J,p	<0.00035U	<0.033U	0.1	0.36	<0.0095J	<0.03U	0.54	0.93	0.79
Main Parking Lot	SSHS-B73	10-15	8/13/2014	74B	<0.00028U	<0.00048U	<0.00051J,p	<0.0013J,p	<0.00082J,p	<0.0013J	<0.00031U	<0.00035U	<0.0011J,p	<0.00092J,p	<0.17U	<0.32J	1.2	<0.043U	<0.15U	3.2	4.2	3.7
Main Parking Lot	SSHS-B74	2-6	8/13/2014	50B	<0.00026U	<0.00045U	<0.00035U	<0.00034U	<0.00023U	<0.00026U	<0.00029U	<0.00033U	<0.00034U	<0.00034U	<0.031U	<0.0063U	<0.0067U	<0.008U	<0.029U	<0.0069U	<0.0088U	<0.007U
Main Parking Lot	SSHS-B74	6-10	8/13/2014	48B	<0.00028U	<0.00048U	<0.00037U	<0.00036U	<0.00024U	<0.00028U	<0.00031U	<0.00035U	<0.00036U	<0.00036U	<0.033U	<0.0066U	<0.007U	<0.0084U	<0.03U	<0.0072U	<0.0092U	<0.0073U
Main Parking Lot	SSHS-B74	10-15	8/13/2014	48B	<0.00028U	<0.00048U	<0.00037U	<0.00036U	<0.00024U	<0.00028U	<0.00031U	<0.00035U	<0.00036U	<0.00036U	<0.033U	<0.0067U	<0.0071U	<0.0085U	<0.03U	<0.0073U	<0.0093U	<0.0074U
Main Parking Lot	SSHS-B78	2-6	8/14/2014	100B	<0.00028U	<0.00048U	<0.00036U	<0.00036U	<0.0012J	<0.00027U	<0.00031U	<0.00034U	<0.00055J	<0.00036U	<0.033U	<0.058J	<0.013J	0.17	<0.03U	0.26	0.7	0.75
Main Parking Lot	SSHS-B78	6-10	8/14/2014	41B	<0.00028U	<0.00047U	<0.00036U	<0.00036U	<0.00024U	<0.00027U	<0.0003U	<0.00034U	<0.00035U	<0.00035U	<0.033U	<0.0066U	<0.007U	<0.0084U	<0.03U	<0.0071U	<0.0091U	<0.0073U
Main Parking Lot	SSHS-B78	10-15	8/14/2014	36B	<0.00026U	<0.00045U	<0.00035U	<0.00034U	<0.00023U	<0.00026U	<0.00029U	<0.00033U	<0.00034U	<0.00034U	<0.031U	<0.0063U	<0.0067U	<0.008U	<0.029U	<0.0068U	<0.0088U	<0.007U
Main Parking Lot	SSHS-B79	2-6	8/14/2014	46B	<0.00027U	<0.00047U	<0.00036UJ	<0.00036U	<0.00024U	<0.00027U	<0.0003U	<0.00034U	<0.00035U	<0.00035UJ	<0.032U	<0.011J	<0.007U	<0.0083U	<0.03U	<0.0071U	<0.0091U	<0.0072U
Main Parking Lot	SSHS-B79	6-10	8/14/2014	57B	<0.00028U	<0.00048U	<0.00037U	<0.00036U	<0.00024U	<0.00028U	<0.00031U	<0.00035U	<0.00036U	<0.00036U	<0.033U	<0.0066U	<0.007U	<0.0084U	<0.03U	<0.0072U	<0.0092U	<0.0073U
Main Parking Lot	SSHS-B79	10-15	8/14/2014	49B	<0.00027U	<0.00046U	<0.00035U	<0.00035U	<0.00023U	<0.00027U	<0.0003U	<0.00033U	<0.00035U	<0.00035U	<0.032U	<0.0064U	<0.0068U	<0.0082U	<0.029U	<0.007U	<0.0089U	<0.0071U
Main Parking Lot	SSHS-B80	2-6	8/14/2014	50B	<0.00028U	<0.00048U	<0.00037U	<0.00036U	<0.00024U	<0.00028U	<0.00031U	<0.00035U	<0.00036U	<0.00036U	<0.033U	<0.0066U	<0.0071U	<0.0084U	<0.03U	<0.0072U	<0.0092U	<0.0074U
Main Parking Lot	SSHS-B80	6-10	8/14/2014	44B	<0.00027U	<0.00046U	<0.00035U	<0.00035U	<0.00023U	<0.00026U	<0.0003U	<0.00033U	<0.00034U	<0.00034U	<0.031U	<0.0063U	<0.0068U	<0.0081U	<0.029U	<0.0069U	<0.0088U	<0.007U
Main Parking Lot	SSHS-B80	10-14.5	8/14/2014	38B	<0.00027U	<0.00047U	<0.00036U	<0.00035U	<0.00023U	<0.00027U	<0.0003U	<0.00034U	<0.00035U	<0.00041J	<0.032U	<0.0065U	<0.0069U	<0.0082U	<0.03U	<0.007U	<0.009U	<0.0072U
Main Parking Lot	SSHS-B81	2-6	8/14/2014	55B	<0.00028U	<0.00048U	<0.00037U	<0.00036U	<0.00025J	<0.00028U	<0.00031U	<0.00035U	<0.00036U	<0.00036U	<0.033U	<0.0067U	<0.0071U	<0.0085U	<0.03U	<0.0072U	<0.0093U	<0.0074U
Main Parking Lot	SSHS-B81	6-10	8/14/2014	42B	<0.00029U	<0.0005U	<0.00038U	<0.00038U	<0.00025U	<0.00029U	<0.00032U	<0.00036U	<0.00037U	<0.00037U	<0.034U	<0.0068U	<0.0073U	<0.0087U	<0.031U	<0.0074U	<0.0095U	<0.0076U
Main Parking Lot	SSHS-B81	10-13.5	8/14/2014	77B	<0.00028U	<0.00048U	<0.00037U	<0.00037U	<0.00024U	<0.00028U	<0.00031U	<0.00035U	<0.00036U	<0.00036U	<0.033U	<0.0067U	<0.0072U	<0.0086U	<0.031U	<0.0073U	<0.0094U	<0.0075U
Main Parking Lot	SSHS-B82	2-6	8/13/2014	53B	<0.00027U	<0.00047U	<0.00036U	<0.00036U	<0.00024U	<0.00027U	<0.0003U	<0.00034U	<0.00035U	<0.00035U	<0.033U	<0.0066U	<0.007U	<0.0084U	<0.03U	<0.0072U	<0.0092U	<0.0073U
Main Parking Lot	SSHS-B82	6-10	8/13/2014	39B	<0.00027U	<0.00046U	<0.00035U	<0.00035U	<0.00023U	<0.00026U	<0.00029U	<0.00033U	<0.00034U	<0.00034U	<0.032U	<0.0064U	<0.0068U	<0.0081U	<0.029U	<0.0069U	<0.0089U	<0.0071U
Main Parking Lot	SSHS-B82	10-15	8/13/2014	49B	<0.00027U	<0.00046U	<0.00035U	<0.00035U	<0.00023U	<0.00027U	<0.0003U	<0.00033U	<0.00035U	<0.00035U	<0.032U	<0.0064U	<0.0068U	<0.0081U	<0.029U	<0.0069U	<0.0089U	<0.0071U
Main Parking Lot	SSHS-B83	2-6	8/13/2014	54B	<0.0003U	<0.00051U	<0.00039U	<0.00039U	<0.00026U	<0.0003U	<0.00033U	<0.00037U	<0.00038U	<0.00039U	<0.035U	<0.0071U	<0.0076U	<0.009U	<0.032U	<0.0077U	<0.0099U	<0.0079U
Main Parking Lot	SSHS-B83	6-10	8/13/2014	39B	<0.00028U	<0.00047U	<0.00036U	<0.00036U	<0.00024U	<0.00027U	<0.0003U	<0.00034U	<0.00035U	<0.00035U	<0.032U	<0.0065U	<0.007U	<0.0083U	<0.03U	<0.0071U	<0.0091U	<0.0073U
Main Parking Lot	SSHS-B83	10-14.5	8/13/2014	53B	<0.00028U	<0.00048U	<0.00036U	<0.00036U	<0.00024U	<0.00027U	<0.00031U	<0.00035U	<0.00036U	<0.00036U	<0.033U	<0.0066U	<0.0071U	<0.0084U	<0.03U	<0.0072U	<0.0092U	<0.0074U
Main Parking Lot	SSHS-B84	2-6	8/14/2014	39B	<0.00029U	<0.00049U	<0.00038U	<0.00037U	<0.00025U	<0.00028U	<0.00032U	<0.00036U	<0.00037U	<0.00037U	<0.034U	<0.0068U	<0.0073U	<0.0087U	<0.031U	<0.0074U	<0.0095U	<0.0076U
Main Parking Lot	SSHS-B84	6-10	8/14/2014	72B	<0.00027U	<0.00046U	<0.00035U	<0.00035U	<0.00023U	<0.00026U	<0.00029U	<0.00033U	<0.00034U	<0.00034U	<0.032U	<0.0064U	<0.0069U	<0.0082U	<0.029U	<0.007U	<0.009U	<0.0072U
Main Parking Lot	SSHS-B84	10-14	8/14/2014	42B	<0.00027U	<0.00047U	<0.00036U	<0.00035U	<0.00024U	<0.00027U	<0.0003U	<0.00034U	<0.00035U	<0.00035U	<0.032U	<0.0064U	<0.0068U	<0.0081U	<0.029U	<0.0069U	<0.0089U	<0.0071U
Main Parking Lot	SSHS-B85	2-6	8/13/2014	34B	<0.00031U	<0.00054U	<0.00041U	<0.00041U	<0.00027U	<0.00031U	<0.00035U	<0.00039U	<0.0004U	<0.0004U	<0.037U	<0.0074U	<0.0079U	<0.0094U	<0.034U	<0.008U	<0.01U	<0.0082U
Main Parking Lot	SSHS-B85	6-10	8/13/2014	37B	<0.00028U	<0.00049U	<0.00037U	<0.00037U	<0.00024U	<0.00028U	<0.00031U	<0.00035U	<0.00036U	<0.00036U	<0.033U	<0.0067U	<0.0072U	<0.0086U	<0.031U	<0.0073U	<0.0094U	<0.0075U
Main Parking Lot	SSHS-B85	10-15	8/13/2014	55B	<0.00029U	<0.0005U	<0.00038U	<0.00038U	<0.00025U	<0.00029U	<0.00032U	<0.00036U	<0.00037U	<0.00037U	<0.034U	<0.0068U	<0.0073U	<0.0087U	<0.031U	<0.0074U	<0.0095U	<0.0076U
Main Parking Lot	SSHS-B86	2-6	8/13/2014	59B	<0.0003U	<0.00052U	<0.0004U	<0.0004U	<0.00026U	<0.0003U	<0.00033U	<0.00038U	<0.00039U	<0.00039U	<0.036U	<0.0072U	<0.0077U	<0.0092U	<0.033U	<0.0078U	<0.01U	<0.008U
Main Parking Lot	SSHS-B86	6-10	8/13/2014	72B	<0.00028U	<0.00048U	<0.00037U	<0.00037U	<0.00024U	<0.00028U	<0.00031U	<0.00035U	<0.00036U	<0.00036U	<0.033U	<0.0067U	<0.0072U	<0.0085U	<0.031U	<0.0073U	<0.0094U	<0.0075U
Main Parking Lot	SSHS-B86	10-15	8/13/2014	350B	<0.00028U	<0.00048U	<0.00036U	<0.00036U	<0.00024U	<0.00027U	<0.00031U	<0.00035U	<0.00036U	<0.00036U	<0.033U	<0.0066U	<0.0071U	<0.0085U	<0.03U	<0.0072U	<0.0093U	<0.0074U
Main Parking Lot	SSHS-B87	2-6	8/14/2014	52B	<0.00029U	<0.00049U	<0.00038U	<0.00037U	<0.00025U	<0.00028U	<0.00032U	<0.00036U	<0.00037U	<0.00037U	<0.034U	<0.0068U	<0.0072U	<0.0086U	<0.031U	<0.0074U	<0.0095U	<0.0075U
Main Parking Lot	SSHS-B87	6-10	8/14/2014	63B	<0.00028U	<0.00049U	<0.00037U	<0.00037U	<0.00025U	<0.00028U	<0.00031U	<0.00035U	<0.00036U	<0.00036U	<0.033U	<0.0068U	<0.0072U	<0.0086U	<0.031U	<0.0073U	<0.0094U	<0.0075U
Main Parking Lot	SSHS-B87	10-15	8/14/2014	120B	<0.00028U	<0.00047U	<0.00036U	<0.00036U	<0.00024U	<0.00027U	<0.0003U	<0.00034U	<0.00035U	<0.00036U	<0.033U	<0.0066U	<0.007U	<0.0084U	<0.03U	<0.0072U	<0.0092U	<0.0073U
Main Parking Lot	SSHS-B88	2-6	8/13/2014	44B	<0.00029U	<0.0005U	<0.00038U	<0.00038U	<0.00025U	<0.00029U	<0.00032U	<0.00036U	<0.00037U	<0.00037U	<0.034U	<0.0069U	<0.0074U	<0.0088U	<0.032U	<0.0076U	<0.0097U	<0.0077U

TABLE 10B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Siet - North Portion
Elmira, New York

				SVOCs															
				Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Di-n-butyl phthalate	Di-n-octyl phthalate	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00057	0.00036	0.00073	0.003	0.0025	0.00034	0.00044	0.0004	0.0018	0.0023	0.0019	0.00039	0.00048	0.00037	0.00032	0.0006	0.00037
Restricted Residential SCO				1	100	3.9				3.9	0.33	59			100	100	0.5	100	100	100
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																	
K-Wing	SSHS-B19	1-4	5/9/2000	0.045J	0.041J	0.042J	-	-	-	0.066J	<0.37U	<0.37U	-	-	0.079J	<0.37U	<0.37U	<0.37U	0.069J	0.085J
K-Wing	SSHS-B97	2-6	8/13/2014	<0.012U	<0.0074U	<0.015U	<0.06U	<0.051U	<0.0068U	<0.011J	<0.0082U	<0.036U	<0.046U	<0.039U	<0.017J	<0.0098U	<0.0076U	<0.014J	<0.014J	<0.016J
K-Wing	SSHS-B97	6-10	8/13/2014	<0.011U	<0.007U	<0.014U	<0.057U	<0.048U	<0.0065U	<0.0084U	<0.0078U	<0.035U	<0.044U	<0.037U	<0.0075U	<0.0093U	<0.0072U	<0.0061U	<0.011U	<0.0071U
K-Wing	SSHS-B97	10-16	8/13/2014	<0.011U	<0.0072U	<0.015U	<0.059U	<0.05U	<0.0067U	<0.0087U	<0.0081U	<0.036U	<0.046U	<0.038U	<0.0078U	<0.0096U	<0.0075U	<0.0063U	<0.012U	<0.0074U
Main Parking Lot	SSHS-B17	1-3	5/10/2000	<0.41U	<0.41U	<0.41U	-	-	-	<0.41U	<0.41U	<0.41U	-	-	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U
Main Parking Lot	SSHS-B73	2-6	8/13/2014	1.4	0.96	0.59	<0.22J	<0.052U	0.56	1.3	0.18	0.55	<0.048U	<0.04U	3.5	0.4	0.79	0.62	2.5	2.6
Main Parking Lot	SSHS-B73	6-10	8/13/2014	0.86	0.59	0.34	<0.059U	<0.05U	0.19	0.89	0.17	<0.2J	<0.046U	<0.038U	1.7	0.3	0.49	0.2	2.3	2.4
Main Parking Lot	SSHS-B73	10-15	8/13/2014	3.9	2.4	1.5	<0.84J	<0.26U	0.94	4	0.68	<0.88J	<0.23U	<0.2U	10	1.3	2.2	0.6	12	11
Main Parking Lot	SSHS-B74	2-6	8/13/2014	<0.011U	<0.007U	<0.014U	<0.057U	<0.048U	<0.0065U	<0.0083U	<0.0078U	<0.034U	<0.044U	<0.037U	<0.0075U	<0.0092U	<0.0072U	<0.006U	<0.011U	<0.0071U
Main Parking Lot	SSHS-B74	6-10	8/13/2014	<0.012U	<0.0073U	<0.015U	6.5	<0.05U	<0.0067U	<0.0087U	<0.0081U	<0.036U	<0.046U	0.39	<0.0078U	<0.0096U	<0.0075U	<0.0063U	<0.012U	<0.0074U
Main Parking Lot	SSHS-B74	10-15	8/13/2014	<0.012U	<0.0074U	<0.015U	1.6	<0.051U	<0.0068U	<0.0088U	<0.0082U	<0.036U	<0.046U	<0.039U	<0.0079U	<0.0098U	<0.0076U	<0.0064U	<0.012U	<0.0075U
Main Parking Lot	SSHS-B78	2-6	8/14/2014	0.82	0.79	0.34	<0.059U	<0.05U	<0.061J	0.68	0.17	<0.057J	<0.046U	<0.039U	1.2	<0.035J	0.63	0.23	0.52	1
Main Parking Lot	SSHS-B78	6-10	8/14/2014	<0.011U	<0.0073U	<0.015U	<0.059U	<0.05U	<0.0067U	<0.0087U	<0.0081U	<0.036U	<0.046U	<0.038U	<0.0078U	<0.0096U	<0.0075U	<0.0063U	<0.012U	<0.0074U
Main Parking Lot	SSHS-B78	10-15	8/14/2014	<0.011U	<0.007U	<0.014U	<0.056U	<0.048U	<0.0064U	<0.0083U	<0.0078U	<0.034U	<0.044U	<0.037U	<0.0075U	<0.0092U	<0.0072U	<0.006U	<0.011U	<0.0071U
Main Parking Lot	SSHS-B79	2-6	8/14/2014	<0.011U	<0.0072U	<0.015U	<0.058U	<0.049U	<0.0067U	<0.0086U	<0.0081U	<0.036U	<0.045U	<0.038U	<0.021J	<0.0095U	<0.0075U	<0.027J	<0.031J	<0.018J
Main Parking Lot	SSHS-B79	6-10	8/14/2014	<0.012U	<0.0073U	<0.015U	<0.059U	<0.05U	<0.0067U	<0.0087U	<0.0081U	<0.036U	<0.046U	<0.039U	<0.0078U	<0.0097U	<0.0075U	<0.0063U	<0.012U	<0.0074U
Main Parking Lot	SSHS-B79	10-15	8/14/2014	<0.011U	<0.0071U	<0.014U	<0.058U	<0.049U	<0.0066U	<0.0085U	<0.0079U	<0.035U	<0.045U	<0.038U	<0.0076U	<0.0094U	<0.0073U	<0.0061U	<0.011U	<0.0072U
Main Parking Lot	SSHS-B80	2-6	8/14/2014	<0.012U	<0.0073U	<0.015U	<0.06U	<0.05U	<0.0068U	<0.0088U	<0.0082U	<0.036U	<0.046U	<0.039U	<0.0079U	<0.0097U	<0.0076U	<0.0064U	<0.012U	<0.0075U
Main Parking Lot	SSHS-B80	6-10	8/14/2014	<0.011U	<0.007U	<0.014U	<0.057U	<0.048U	<0.0065U	<0.0084U	<0.0078U	<0.035U	<0.044U	<0.037U	<0.0075U	<0.0093U	<0.0073U	<0.0061U	<0.011U	<0.0071U
Main Parking Lot	SSHS-B80	10-14.5	8/14/2014	<0.011U	<0.0071U	<0.015U	<0.058U	<0.049U	<0.0066U	<0.0085U	<0.008U	<0.035U	<0.045U	<0.038U	<0.0077U	<0.0095U	<0.0074U	<0.0062U	<0.011U	<0.0073U
Main Parking Lot	SSHS-B81	2-6	8/14/2014	<0.012U	<0.0074U	<0.015U	<0.06U	<0.051U	<0.0068U	<0.0088U	<0.0082U	<0.036U	<0.046U	<0.039U	<0.0079U	<0.0098U	<0.0076U	<0.0064U	<0.012U	<0.0075U
Main Parking Lot	SSHS-B81	6-10	8/14/2014	<0.012U	<0.0076U	<0.015U	<0.061U	<0.052U	<0.007U	<0.009U	<0.0084U	<0.037U	<0.048U	<0.04U	<0.0081U	<0.01U	<0.0078U	<0.0065U	<0.012U	<0.0077U
Main Parking Lot	SSHS-B81	10-13.5	8/14/2014	<0.012U	<0.0074U	<0.015U	<0.06U	<0.051U	<0.0069U	<0.0089U	<0.0083U	<0.037U	<0.047U	<0.039U	<0.008U	<0.0098U	<0.0077U	<0.0064U	<0.012U	<0.0075U
Main Parking Lot	SSHS-B82	2-6	8/13/2014	<0.012U	<0.0073U	<0.015U	<0.059U	<0.05U	<0.0068U	<0.0087U	<0.0082U	<0.036U	<0.046U	<0.039U	<0.0078U	<0.0097U	<0.0075U	<0.0063U	<0.012U	<0.0074U
Main Parking Lot	SSHS-B82	6-10	8/13/2014	<0.011U	<0.007U	<0.014U	<0.057U	<0.048U	<0.0065U	<0.0084U	<0.0079U	<0.035U	<0.044U	<0.037U	<0.0076U	<0.0093U	<0.0073U	<0.0061U	<0.011U	<0.0072U
Main Parking Lot	SSHS-B82	10-15	8/13/2014	<0.011U	<0.007U	<0.014U	<0.057U	<0.048U	<0.0065U	<0.0084U	<0.0079U	<0.035U	<0.044U	<0.037U	<0.0076U	<0.0093U	<0.0073U	<0.0061U	<0.011U	<0.0072U
Main Parking Lot	SSHS-B83	2-6	8/13/2014	<0.012U	<0.0078U	<0.016U	<0.064U	<0.054U	<0.0073U	<0.0094U	<0.0088U	<0.039U	<0.049U	<0.042U	<0.02J	<0.01U	<0.0081U	<0.0068U	<0.015J	<0.016J
Main Parking Lot	SSHS-B83	6-10	8/13/2014	<0.011U	<0.0072U	<0.015U	<0.059U	<0.05U	<0.0067U	<0.0086U	<0.0081U	<0.036U	<0.045U	<0.038U	<0.0078U	<0.0096U	<0.0075U	<0.0063U	<0.012U	<0.0073U
Main Parking Lot	SSHS-B83	10-14.5	8/13/2014	<0.012U	<0.0073U	<0.015U	<0.059U	<0.05U	<0.0068U	<0.0088U	<0.0082U	<0.036U	<0.046U	<0.039U	<0.0079U	<0.0097U	<0.0076U	<0.0063U	<0.012U	<0.0074U
Main Parking Lot	SSHS-B84	2-6	8/14/2014	<0.012U	<0.0075U	<0.015U	<0.061U	<0.052U	<0.007U	<0.009U	<0.0084U	<0.037U	<0.048U	<0.04U	<0.017J	<0.01U	<0.0078U	<0.0065U	<0.012J	<0.016J
Main Parking Lot	SSHS-B84	6-10	8/14/2014	<0.011U	<0.0071U	<0.014U	<0.058U	<0.049U	<0.0066U	<0.0085U	<0.008U	<0.035U	<0.045U	<0.038U	<0.0077U	<0.0095U	<0.0074U	<0.0062U	<0.011U	<0.0072U
Main Parking Lot	SSHS-B84	10-14	8/14/2014	<0.011U	<0.0071U	<0.014U	<0.057U	<0.048U	<0.0065U	<0.0084U	<0.0079U	<0.035U	<0.044U	<0.037U	<0.0076U	<0.0094U	<0.0073U	<0.0061U	<0.011U	<0.0072U
Main Parking Lot	SSHS-B85	2-6	8/13/2014	<0.013U	<0.0082U	<0.017U	<0.066U	<0.056U	<0.0076U	<0.0098U	<0.0091U	<0.04U	<0.051U	<0.043U	<0.0088U	<0.011U	<0.0085U	<0.0071U	<0.013U	<0.0083U
Main Parking Lot	SSHS-B85	6-10	8/13/2014	<0.012U	<0.0074U	<0.015U	<0.06U	<0.051U	<0.0069U	<0.0089U	<0.0083U	<0.037U	<0.047U	<0.039U	<0.008U	<0.0099U	<0.0077U	<0.0065U	<0.012U	<0.0076U
Main Parking Lot	SSHS-B85	10-15	8/13/2014	<0.012U	<0.0076U	<0.015U	<0.061U	<0.052U	<0.007U	<0.0091U	<0.0085U	<0.037U	<0.048U	<0.04U	<0.0081U	<0.01U	<0.0078U	<0.0066U	<0.012U	<0.0077U
Main Parking Lot	SSHS-B86	2-6	8/13/2014	<0.013U	<0.008U	<0.016U	<0.065U	<0.055U	<0.0074U	<0.0095U	<0.0089U	<0.039U	<0.05U	<0.042U	<0.0086U	<0.011U	<0.0083U	<0.0069U	<0.013U	<0.0081U
Main Parking Lot	SSHS-B86	6-10	8/13/2014	<0.012U	<0.0074U	<0.015U	<0.06U	<0.051U	<0.0069U	<0.0089U	<0.0083U	<0.037U	<0.047U	<0.039U	<0.008U	<0.0098U	<0.0077U	<0.0064U	<0.012U	<0.0075U
Main Parking Lot	SSHS-B86	10-15	8/13/2014	<0.012U	<0.0074U	<0.015U	<0.06U	<0.051U	<0.0068U	<0.0088U	<0.0082U	<0.036U	<0.046U	<0.039U	<0.0079U	<0.0097U	<0.0076U	<0.0064U	<0.012U	<0.0075U
Main Parking Lot	SSHS-B87	2-6	8/14/2014	<0.012U	<0.0075U	<0.015U	<0.061U	<0.052U	<0.007U	<0.065J	<0.0084U	<0.037U	<0.047U	<0.04U	<0.015J	<0.0099U	<0.0078U	<0.0065U	<0.035J	<0.011J
Main Parking Lot	SSHS-B87	6-10	8/14/2014	<0.012U	<0.0075U	<0.015U	<0.061U	<0.051U	<0.0069U	<0.0089U	<0.0084U	<0.037U	<0.047U	<0.04U	<0.008U	<0.0099U	<0.0077U	<0.0065U	<0.012U	<0.0076U
Main Parking Lot	SSHS-B87	10-15	8/14/2014	<0.012U	<0.0073U	<0.015U	<0.059U	<0.05U	<0.0067U	<0.0087U	<0.0081U	<0.036U	<0.046U	<0.039U	<0.0078U	<0.0097U	<0.0075U	<0.0063U	<0.012U	<0.0074U
Main Parking Lot	SSHS-B88	2-6	8/13/2014	<0.012U	<0.0077U	<0.016U	<0.062U	<0.053U	<0.0071U	<0.0092U	<0.0086U	<0.038U	<0.048U	<0.041U	<0.0083U	<0.01U	<0.008U	<0.0067U	<0.012U	<0.0078U

TABLE 10B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Siet - North Portion
Elmira, New York

				VOCs																		
				Benzene	Ethylbenzene	Toluene	Xylene (m & p)	Xylene Total	1,2-Dichloroethene	Chloroform	cis-1,2-dichloroethene	Dichloromethane	Trichloroethene	Tetrachloroethene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Methyl Ethyl Ketone	Acetone	Carbon disulfide
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00046	0.00044	0.00049	0.001	0.0029	0.0015	0.0004	0.00048	0.00046	0.00045	0.00046			0.00046					0.0006	0.0034	0.00035
Restricted Residential SCO				4.8	41	100		100		49	100	100	21	19	52	52		100	100		100	100	100	
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																					
Main Parking Lot	SSHS-B88	6-10	8/13/2014	<0.00061U	<0.00058U	<0.00066U	<0.0013U	-	-	<0.00053U	<0.00064U	<0.00061U	<0.0006U	<0.00062U	-	-	<0.00061U	-	-	-	-	<0.0008U	<0.0045U	<0.00046U
Main Parking Lot	SSHS-B88	10-15	8/13/2014	<0.00063U	<0.0006U	<0.00068U	<0.0014U	-	-	<0.00055U	<0.00066U	<0.00063U	<0.00062U	<0.00064U	-	-	<0.00064U	-	-	-	-	<0.00083U	<0.0047U	<0.00048U
Main Parking Lot	SSHS-B89	2-6	8/13/2014	<0.00063U	<0.0006U	<0.00068U	<0.0014U	-	-	<0.00054U	<0.00065U	<0.00062U	<0.00061U	<0.00063U	-	-	<0.00063U	-	-	-	-	<0.00082U	<0.0046U	<0.00048U
Main Parking Lot	SSHS-B89	6-10	8/13/2014	<0.00064U	<0.00061U	<0.00069U	<0.0014U	-	-	<0.00055U	<0.00066U	<0.00063U	<0.00062U	<0.00064U	-	-	<0.00064U	-	-	-	-	<0.00083U	<0.0047U	<0.00048U
Main Parking Lot	SSHS-B89	10-15	8/13/2014	<0.00067U	<0.00063U	<0.00072U	<0.0014U	-	-	<0.00058U	<0.00069U	<0.00066U	<0.00065U	<0.00067U	-	-	<0.00067U	-	-	-	-	<0.00087U	<0.0049U	<0.00051U
Main Parking Lot	SSHS-B90	2-6	8/13/2014	<0.00068U	<0.00064U	<0.00073U	<0.0015U	-	-	<0.00059U	<0.00071U	<0.00067U	<0.0015J	<0.00068U	-	-	<0.00068U	-	-	-	-	<0.00088U	<0.005U	<0.00051U
Main Parking Lot	SSHS-B90	6-10	8/13/2014	<0.00066U	<0.00062U	<0.00071U	<0.0014U	-	-	<0.00057U	<0.00068U	<0.00065U	<0.00064U	<0.00066U	-	-	<0.00066U	-	-	-	-	<0.00086U	<0.0049U	<0.0005U
Main Parking Lot	SSHS-B90	10-15	8/13/2014	<0.00064U	<0.00061U	<0.00069U	<0.0014U	-	-	<0.00055U	<0.00067U	<0.00064U	<0.00062U	<0.00064U	-	-	<0.00064U	-	-	-	-	<0.00083U	<0.0047U	<0.00048U
Main Parking Lot	SSHS-B91	2-6	8/13/2014	<0.00072U	<0.00068U	<0.00078U	<0.0016U	-	-	<0.00062U	<0.00075U	<0.00071U	<0.0007U	<0.00072U	-	-	<0.00072U	-	-	-	-	<0.00094U	<0.0062J	<0.00054U
Main Parking Lot	SSHS-B91	6-10	8/13/2014	<0.00071U	<0.00068U	<0.00077U	<0.0016U	-	-	<0.00062U	<0.00074U	<0.00071U	<0.00069U	<0.00072U	-	-	<0.00072U	-	-	-	-	<0.00093U	<0.0053U	<0.00054U
Main Parking Lot	SSHS-B91	10-15	8/13/2014	<0.00056U	<0.00053U	<0.0006U	<0.0012U	-	-	<0.00048U	<0.00058U	<0.00055U	<0.00054U	<0.00056U	-	-	<0.00056U	-	-	-	-	<0.00073U	<0.0041U	<0.00042U
Rear Parking Lot	SSHS-B100	4-6	8/15/2014	<0.00072U	<0.00069U	<0.00078U	<0.0016U	-	-	<0.0014J	<0.00075U	<0.00072U	<0.0007U	<0.00073U	-	-	<0.00072U	-	-	-	-	<0.00094U	0.021	<0.0014J
Rear Parking Lot	SSHS-B100	6-10	8/15/2014	<0.00064U	<0.0006U	<0.00069U	<0.0014U	-	-	<0.00055U	<0.00066U	<0.00063U	<0.00062U	<0.00064U	-	-	<0.00064U	-	-	-	-	<0.00083U	<0.0047U	<0.00048U
Rear Parking Lot	SSHS-B100	10-13.5	8/15/2014	<0.00069U	<0.00066U	<0.00075U	<0.0015U	-	-	<0.0006U	<0.00072U	<0.00069U	<0.00067U	<0.0007U	-	-	<0.0007U	-	-	-	-	<0.0009U	<0.0054J	<0.00052U
Rear Parking Lot	SSHS-B101	3-6	8/14/2014	<0.00098U	<0.00093U	<0.0011U	<0.0021U	-	-	<0.00085U	<0.001U	<0.00098U	<0.0034J	<0.00099U	-	-	<0.00099U	-	-	-	-	<0.0013U	<0.0073U	<0.00074U
Rear Parking Lot	SSHS-B101	8-10	8/14/2014	<0.0014U	<0.0014U	<0.0015U	<0.0031U	-	-	<0.0012U	<0.0015U	<0.0014U	<0.0087J	<0.0014U	-	-	<0.0014U	-	-	-	-	<0.0019U	<0.011U	<0.0011U
Rear Parking Lot	SSHS-B101	12-15.5	8/14/2014	<0.00067U	<0.00063U	<0.00072U	<0.0014U	-	-	<0.00058U	<0.00069U	<0.00066U	<0.00065U	<0.00067U	-	-	<0.00067U	-	-	-	-	<0.00087U	<0.0049U	<0.0005U
Rear Parking Lot	SSHS-B23	1-4	5/9/2000	<0.0065U	<0.0065U	<0.0065U	<0.0065U	-	-	0.0017J	<0.0065U	0.0065J	<0.0065U	0.0088	-	-	-	-	-	-	-	<0.013U	<0.026U	-
Rear Parking Lot	SSHS-B23	4-8	5/9/2000	<0.006U	<0.006U	<0.006U	<0.006U	-	-	0.0013J	<0.006U	0.0014J	<0.006U	0.036	-	-	-	-	-	-	-	0.0098J	0.075	-
Rear Parking Lot	SSHS-B23	8-12	5/9/2000	<0.0063U	<0.0063U	<0.0063U	<0.0063U	-	-	0.0014J	<0.0063U	<0.0063U	<0.0063U	<0.0063U	-	-	-	-	-	-	-	0.0061J	<0.03U	-
Rear Parking Lot	SSHS-B24	2-2.5	7/11/2000	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	-	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	-	-	-	-	-	-	<0.011U	<0.023U	-
Rear Parking Lot	SSHS-B24	2-2.5	7/27/2000	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	-	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	-	-	-	-	-	-	<0.011U	<0.023U	-
Rear Parking Lot	SSHS-B24	1-4	5/9/2000	<0.0058U	<0.0058U	<0.0058U	<0.0058U	-	-	0.0029J	<0.0058U	0.0026J	<0.0058U	0.075	-	-	-	-	-	-	-	<0.012U	<0.023U	-
Rear Parking Lot	SSHS-B35	2-4	5/9/2000	<0.0061U	<0.0061U	<0.0061U	<0.0061U	-	-	0.0015J	<0.0061U	<0.0061U	<0.0021U	0.0029J	-	-	-	-	-	-	-	<0.012U	<0.024U	-
Rear Parking Lot	SSHS-B518	2-4	9/16/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B519	2-4	9/22/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B519	4-6	9/22/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B520	2-4	9/22/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B520	4-6	9/22/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B520	8-10	9/22/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B520	10-12	9/22/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B522	2-4	9/16/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B524	2-4	9/23/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B524	4-6	9/23/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B524	6-8	9/23/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B524	8-10	9/23/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B537	6-8	9/22/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B537	8-10	9/22/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B537	10-12	9/22/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B537	12-14	9/22/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B542	8-10	9/22/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B542	10-12	9/22/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 10B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Siet - North Portion
Elmira, New York

				Inorganics		Metals																						
				Cyclohexane	Cyanide Total	Sodium	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (III+VI)	Chromium (Trivalent)	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Thallium	Tin	Vanadium
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00025	0.15	55	7.9	0.14	0.39	7.9	0.16	0.014	200	0.2		2	0.99	3.9	0.39	200	0.59	0.008	1.6	200	0.25	0.038	0.14		2
Restricted Residential SCO					27				16	400	72	4.3		110	180		270		400		2000	0.81	310		180	180			
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																										
Main Parking Lot	SSHS-B88	6-10	8/13/2014	<0.00034U	<0.16U	<180J,B	8500	<0.2U	6.5	48	<0.32J	<0.049J,B	1100	8.9	-	7.3	19	19,000	8.1	2500	490	<0.012U	16B	<440J,B	<0.39J	<0.04U	<0.19J	-	12
Main Parking Lot	SSHS-B88	10-15	8/13/2014	<0.00035U	0.73	<350J,B	7900	<0.23U	9.8	87	<0.37J	<0.065J,B	1300	11	-	6.6	24	20,000	13	2300	550	<0.013J	18B	670B	<0.3J	<0.046U	<0.24J	-	13
Main Parking Lot	SSHS-B89	2-6	8/13/2014	<0.00034U	<0.16U	<160J,B	9400	<0.22U	7	90	0.45	<0.062J,B	1200	10	-	7.2	14	19,000	13	2300	560	<0.02J	15B	590B	<0.68J	<0.045U	<0.24J	-	14
Main Parking Lot	SSHS-B89	6-10	8/13/2014	<0.00035U	<0.16J	<180J,B	5900	<0.22U	6.3	49	<0.24J	<0.06J,B	47,000	7	-	<5.4J	21	15,000	7.2	26,000	460	<0.012U	13B	590B	<0.41J	<0.045U	<0.16U	-	10
Main Parking Lot	SSHS-B89	10-15	8/13/2014	<0.00037U	<0.33J	<84J,B	4400	<0.2U	4.9	35	<0.21J	<0.058J,B	1700	5.6	-	<4.2J	20	12,000	5.4	1700	380	<0.012U	11B	<440J,B	<0.27U	<0.04U	<0.15U	-	7.3
Main Parking Lot	SSHS-B90	2-6	8/13/2014	<0.00037U	<0.37J	<180J,B	8100	<0.24U	6.8	84B	<0.39J	<0.11J,B	3900	9.9	-	<5.8J	39	17,000	42	2100	320	0.056	21	<520J,B	<0.69J	<0.048U	<0.17U	-	13B
Main Parking Lot	SSHS-B90	6-10	8/13/2014	<0.00036U	<0.17U	<120J,B	12,000	<0.24U	6.1	140B	0.49	<0.084J,B	<400J	11	-	7.6	11	19,000	9.5	2300	1100	0.04	15	<580J,B	<0.72J	<0.061J	<0.34J	-	15B
Main Parking Lot	SSHS-B90	10-15	8/13/2014	<0.00035U	<0.16U	<49J,B	3800	<0.23U	3.8	32B	<0.18J	<0.078J,B	760	5	-	<3.5J	9.3	9700	4.2	1400	350	<0.011J	9	<360J,B	<0.3U	<0.046U	<0.17U	-	5.9B
Main Parking Lot	SSHS-B91	2-6	8/13/2014	<0.00039U	<0.16U	<140J,B	11,000	<0.22U	7.8	99B	0.51	0.57B	1400	12	-	8	16	20,000	12	2600	730	<0.026J	18	650B	1.1	<0.044U	<0.16J	-	15B
Main Parking Lot	SSHS-B91	6-10	8/13/2014	<0.00039U	<0.15U	<92J,B	7600	<0.21U	9.1	42B	<0.34J	<0.046J,B	760	9.8	-	6.5	17	17,000	8.2	2200	410	<0.02J	16	660B	<0.28U	<0.042U	<0.15U	-	11B
Main Parking Lot	SSHS-B91	10-15	8/13/2014	<0.00031U	<0.16U	<570U	7200	<0.23U	9.1	68B	<0.37J	<0.57U	1600	9.8	-	6.8	24	25,000	9.2	2400	760	<0.017J	20	600B	<0.35J	<0.046U	<0.37J	-	14B
Rear Parking Lot	SSHS-B100	4-6	8/15/2014	0.0089	1.9	<290J	3100	<0.23U	7.8	58	0.49	<0.067J	7600	9.4	-	<4.2J	45	22,000	17	1600	200	<0.012U	21B	580	1.3	<0.046U	<0.17U	-	20
Rear Parking Lot	SSHS-B100	6-10	8/15/2014	<0.00035U	<0.17U	<170J	11,000	<0.23U	7.8	110	0.53	<0.094J	4500	13	-	9.4	22	22,000	17	3200	580	0.038	19B	1500	<0.43J	<0.047U	<0.17U	-	16
Rear Parking Lot	SSHS-B100	10-13.5	8/15/2014	<0.00038U	<0.17U	<210J	13,000	<0.24U	8.2	81	0.57	<0.057J	1100	15	-	10	15	24,000	13	3100	450	<0.028J	19B	2200	<0.37J	<0.049U	<0.18U	-	19
Rear Parking Lot	SSHS-B101	3-6	8/14/2014	<0.00054U	<0.38J	<180J	3500	2.7	17	140	0.92	<0.069J	2000	9.3	-	7.2	70	29,000	120	850	180	0.13	16	<640U	1.8	<0.052U	<0.19U	-	18
Rear Parking Lot	SSHS-B101	8-10	8/14/2014	<0.00078U	<0.62U	<180J	2800	<0.36J	26	210	0.61	<0.017U	11,000	11	-	6.5	47	26,000	26	2300	87	0.1	16	<610U	2.6	<0.049U	<0.18U	-	17
Rear Parking Lot	SSHS-B101	12-15.5	8/14/2014	<0.00037U	<0.57U	<71J	6800	<0.2U	5.6	62	<0.35J	<0.11J	22,000	10	-	6.6	29	14,000	9	5900	420	<0.013J	17	690	<0.44J	<0.04U	<0.14U	-	10
Rear Parking Lot	SSHS-B23	1-4	5/9/2000	-	<1.3U	-	-	-	<4.3N*	68.1	<0.63U	<0.63U	-	11.1	-	-	39.7N*	-	16.2N*	-	-	<0.06UN	17.5N	-	<0.63U	<1.3U	-	-	-
Rear Parking Lot	SSHS-B23	4-8	5/9/2000	-	1.35	-	-	-	13N*	307	<0.59U	<0.59U	-	18.6	-	-	163N*	-	201N*	-	-	0.23N	85.3N	-	0.79	<1.2U	-	-	-
Rear Parking Lot	SSHS-B23	8-12	5/9/2000	-	<1.25U	-	-	-	7.2N*	224	0.95	<0.62U	-	17.3	-	-	12.8N*	-	24.6N*	-	-	<0.06UN	25N	-	0.67	<1.2U	-	-	-
Rear Parking Lot	SSHS-B24	2-2.5	7/11/2000	-	-	-	-	-	21.2	471N*	0.696	<0.55U	-	16.6	-	-	195	-	307*	-	-	<0.06U	80.9N	-	1	<1.1U	-	-	-
Rear Parking Lot	SSHS-B24	2-2.5	7/27/2000	-	-	-	-	-	25.6*	222N*	1	<0.56U	-	14.7N	-	-	169	-	274*	-	-	<0.06U	70.6N	-	2.9	<1.1U	-	-	-
Rear Parking Lot	SSHS-B24	1-4	5/9/2000	-	<1.16U	-	-	-	56.2N*	434	0.99	<0.58U	-	60.1	-	-	2300N*	-	3940N*	-	-	<0.06UN	761N	-	1.6	<1.2U	-	-	-
Rear Parking Lot	SSHS-B35	2-4	5/9/2000	-	<1.22U	-	-	-	16.2N*	138	<0.6U	0.6	-	13.9	-	-	383N*	-	65.7N*	-	-	0.4N	31.4N	-	1.5	<1.2U	-	-	-
Rear Parking Lot	SSHS-B518	2-4	9/16/2016	-	-	250J	6300	<0.78U	28	690	0.58	0.89	12,000	27	-	7.5	200	23,000	1500	2400	400	0.089B	61	520J	2	<0.18U	<0.55U	-	17
Rear Parking Lot	SSHS-B519	2-4	9/22/2016	-	-	750	7500	2.3	11	280	0.41J	1.7	4400	26	-	9.5	550	44,000	290	2000	620	0.32	170	920	1J	<0.2U	<0.6U	-	23
Rear Parking Lot	SSHS-B519	4-6	9/22/2016	-	-	490J	5500	1.1J	5.4	120	0.28J	18J	5800J+	19J	-	6.3	610F2	26,000	180J	1900	560F2	0.042J+	110J	580J	0.85J	<0.2U	<0.59U	-	13
Rear Parking Lot	SSHS-B520	2-4	9/22/2016	-	-	530	5400	2.8J	21	1500	0.36J	1.7	10,000	52	-	17	230	160,000	240	240J	1100	<0.0081U	470	300J	1.9	0.17J	<0.5U	-	12J
Rear Parking Lot	SSHS-B520	4-6	9/22/2016	-	-	710	4400	0.34J	4.8	160	0.19J	48	25,000	10	-	6.8	27	23,000	57	1200	430	0.014J	53	350J	0.87J	<0.16U	<0.47U	-	8.4
Rear Parking Lot	SSHS-B520	8-10	9/22/2016	-	-	170J	10,000F2	<0.39UJ	9.5J	160J	0.46J	<0.12UJ	7800J-	14J	-	8.6	23J	24,000F2	27	3000J	320F2	0.025J	26	880J	<0.44U,F2	<0.18UJ	<0.55U	-	15J
Rear Parking Lot	SSHS-B520	10-12	9/22/2016	-	-	<140U	10,000	<0.37U	10	70	0.53	<0.12U	940	13	-	14	32	22,000	10	2700	660	0.031J	27	660	<0.41U	<0.17U	<0.52U	-	14
Rear Parking Lot	SSHS-B522	2-4	9/16/2016	-	-	800	7900	0.68J	7	180	0.35J	0.12J	9200	11	-	7	41	24,000	680	3400	430	<0.033U	39	790	0.47J	<0.17U	<0.52U	-	16
Rear Parking Lot	SSHS-B524	2-4	9/23/2016	-	-	210J	8000	0.5J	11	89	0.43	<0.12U	37,000	17	-	8.1	74	24,000	61	6100	600	0.032J	58	700	<0.42U	<0.17U	<0.52U	-	14
Rear Parking Lot	SSHS-B524	4-6	9/23/2016	-	-	<130U	5300	<0.33U	6.4	34	0.26J	<0.1U	31,000	9.3	-	5.8	29	13,000	12	8600	350	0.017J	15	590	<0.36U	<0.15U	<0.46U	-	10
Rear Parking Lot	SSHS-B524	6-8	9/23/2016	-	-	<140U	4000	<0.36U	3.9	25	0.2J	<0.11U	160,000	5.6	-	4.6J	13	10,000	6.1	7200	410	0.0099J	12	540	<0.4U	<0.17U	<0.5U	-	7.3
Rear Parking Lot	SSHS-B524	8-10	9/23/2016	-	-	<120U	5700	<0.31U	4.8	31	0.22J	<0.1U	29,000	7.6	-	5.2	18	13,000	5.1	6000	310	0.01J	14	500	<0.35U	<0.15U	<0.44U	-	8.5
Rear Parking Lot	SSHS-B537	6-8	9/22/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B537	8-10	9/22/2016	-	-	1000	3600	0.72J	110	73	0.24J	<0.12U	2000	9.8	-	2.5J	28	45,000	27	1200	82	0.67	12	1100	5.5	<0.18U	<0.54U	-	19
Rear Parking Lot	SSHS-B537	10-12	9/22/2016	-	-	510J	4700	0.56J	53	71	0.15J	<0.12U	340J	9.2	-	2.4J	25	41,000	7.7	1300	67	<0.008U	10	1000	1.3	<0.18U	<0.54U	-	14
Rear Parking Lot	SSHS-B537	12-14	9/22/2016	-	-	410J	5900	<0.4U	38	80	0.2J	<0.13U	4700	15	-	3.5J	30	34,000	22	2300	130	0.69	15	960	1.2	<0.19U	<0.56U	-	15
Rear Parking Lot	SSHS-B542	8-10	9/22/2016	-	-	760	2000	210	71	100	0.23J	<0.11U	16,000	8	-	4.6J	110	32,000	36,000	1400	120	0.058	27	530	12	1.6	<0.49U	-	10
Rear Parking Lot	SSHS-B542	10-12	9/22/2016	-	-	850	3500	1.1	61	76	0.13J	<0.12U	1100	13	-	2.4J	95	51,000	2100	880	83	0.046	24	890	2.6	<0.18U	<0.53U	-	13

TABLE 10B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Siet - North Portion
Elmira, New York

					Pesticides																	
				Zinc	4,4-DDE	b-BHC	Chlordane (cis)	Chlordane (trans)	DDD	DDT	Dieldrin	Endosulfan I	Endrin	Endrin aldehyde	1,1-Biphenyl	2-methylnaphthalene	Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Benz(a)anthracene	Benzo(a) pyrene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.79	0.00026	0.00044	0.00034	0.00033	0.00022	0.00025	0.00028	0.00032	0.00033	0.00033	0.0016	0.00034	0.00035	0.00041	0.0015	0.00036	0.00046	0.00037
Restricted Residential SCO				10000	8.9	0.36	4.2		13	7.9	0.2	24	11				100	100		100	1	1
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																			
Main Parking Lot	SSHS-B88	6-10	8/13/2014	52B	<0.00027U	<0.00047U	<0.00036U	<0.00036U	<0.00024U	<0.00027U	<0.0003U	<0.00034U	<0.00035U	<0.00035U	<0.033U	<0.0066U	<0.007U	<0.0083U	<0.03U	<0.0071U	<0.0091U	<0.0073U
Main Parking Lot	SSHS-B88	10-15	8/13/2014	59B	<0.00029U	<0.0005U	<0.00038U	<0.00038U	<0.00025U	<0.00029U	<0.00032U	<0.00036U	<0.00037U	<0.00037U	<0.034U	<0.0069U	<0.0073U	<0.0087U	<0.031U	<0.0075U	<0.0096U	<0.0076U
Main Parking Lot	SSHS-B89	2-6	8/13/2014	52B	<0.00029U	<0.0005U	<0.00038U	<0.00038U	<0.00025U	<0.00029U	<0.00032U	<0.00036U	<0.00037U	<0.00037U	<0.034U	<0.0069U	<0.0074U	<0.0088U	<0.032U	<0.0076U	<0.0097U	<0.0077U
Main Parking Lot	SSHS-B89	6-10	8/13/2014	47B	<0.00028U	<0.00047U	<0.00036U	<0.00036U	<0.00024U	<0.00027U	<0.0003U	<0.00034U	<0.00035U	<0.00036U	<0.032U	<0.0065U	<0.007U	<0.0083U	<0.03U	<0.0071U	<0.0091U	<0.0073U
Main Parking Lot	SSHS-B89	10-15	8/13/2014	46B	<0.00028U	<0.00049U	<0.00037U	<0.00037U	<0.00024U	<0.00028U	<0.00031U	<0.00035U	<0.00036U	<0.00036U	<0.033U	<0.0067U	<0.0072U	<0.0086U	<0.031U	<0.0073U	<0.0094U	<0.0075U
Main Parking Lot	SSHS-B90	2-6	8/13/2014	76B	<0.0003U	<0.00052U	<0.0004U	<0.0006J,p	<0.00044J,p	<0.00035J,p	<0.00033U	<0.00038U	<0.00081J	<0.00039U	<0.036U	<0.058J	<0.0077U	<0.029J	<0.033U	<0.042J	<0.2 - 0.18U	<0.16 - 0.14U
Main Parking Lot	SSHS-B90	6-10	8/13/2014	52B	<0.0003U	<0.00052U	<0.0004U	<0.0004U	<0.00026U	<0.0003U	<0.00034U	<0.00038U	<0.00039U	<0.00039U	<0.036U	<0.0073U	<0.0078U	<0.0092U	<0.033U	<0.0079U	<0.01U	<0.0081U
Main Parking Lot	SSHS-B90	10-15	8/13/2014	30B	<0.00027U	<0.00047U	<0.00036U	<0.00036U	<0.00024U	<0.00027U	<0.0003U	<0.00034U	<0.00035U	<0.00035U	<0.032U	<0.0065U	<0.0069U	<0.0082U	<0.03U	<0.007U	<0.009U	<0.0072U
Main Parking Lot	SSHS-B91	2-6	8/13/2014	53B	<0.00027U	<0.00046U	<0.00035U	<0.00035U	<0.00023U	<0.00027U	<0.0003U	<0.00033U	<0.00035U	<0.00035U	<0.032U	<0.0065U	<0.0069U	<0.0082U	<0.029U	<0.007U	<0.009U	<0.0072U
Main Parking Lot	SSHS-B91	6-10	8/13/2014	48B	<0.00026U	<0.00045U	<0.00034U	<0.00034U	<0.00023U	<0.00026U	<0.00029U	<0.00032U	<0.00034U	<0.00034U	<0.031U	<0.0063U	<0.0067U	<0.008U	<0.029U	<0.0069U	<0.0088U	<0.007U
Main Parking Lot	SSHS-B91	10-15	8/13/2014	98B	<0.00028U	<0.00049U	<0.00037U	<0.00037U	<0.00025U	<0.00028U	<0.00031U	<0.00035U	<0.00036U	<0.00036U	<0.034U	<0.0068U	<0.0073U	<0.0087U	<0.031U	<0.0074U	<0.0095U	<0.0076U
Rear Parking Lot	SSHS-B100	4-6	8/15/2014	25B	<0.0003U	<0.00051U	<0.00039U	<0.00039U	<0.00026U	<0.00029U	<0.00033U	<0.00037U	<0.00038U	<0.00038U	<0.035U	<0.048J	<0.0076U	<0.009U	<0.032U	<0.0077U	<0.0099U	<0.0079U
Rear Parking Lot	SSHS-B100	6-10	8/15/2014	65B	<0.0003U	<0.00052U	<0.0004U	<0.00039U	<0.00026U	<0.0003U	<0.00033U	<0.00037U	<0.00039U	<0.00039U	<0.036U	<0.0073U	<0.0078U	<0.0093U	<0.033U	<0.008U	<0.01U	<0.0081U
Rear Parking Lot	SSHS-B100	10-13.5	8/15/2014	63B	<0.0003U	<0.00052U	<0.0004U	<0.0004U	<0.00026U	<0.0003U	<0.00033U	<0.00038U	<0.00039U	<0.00039U	<0.036U	<0.0073U	<0.0078U	<0.0093U	<0.033U	<0.0079U	<0.01U	<0.0081U
Rear Parking Lot	SSHS-B101	3-6	8/14/2014	68B	<0.00031U	<0.00053U	<0.0004U	<0.0004U	<0.00027U	<0.0003U	<0.00034U	<0.00038U	<0.00039U	<0.00039U	<0.045J	0.37	<0.0078U	<0.0093U	<0.094J	<0.033J	0.11	0.084
Rear Parking Lot	SSHS-B101	8-10	8/14/2014	35B	<0.00031U	<0.00053U	<0.00041U	<0.0081U	<0.0021U	<0.0021U	<0.00034U	<0.00063J	<0.0021U	<0.0004U	<0.037U	0.25	<0.0079U	<0.0094U	<0.057J	<0.014J	<0.055J	<0.052J
Rear Parking Lot	SSHS-B101	12-15.5	8/14/2014	76B	<0.00029U	<0.0005U	<0.00038U	<0.00038U	<0.00025U	<0.00029U	<0.00032U	<0.00036U	<0.00037U	<0.00037U	<0.034U	<0.0069U	<0.0073U	<0.0088U	<0.031U	<0.0075U	<0.0096U	<0.0077U
Rear Parking Lot	SSHS-B23	1-4	5/9/2000	67.2N	<0.0022U	<0.0022U	-	-	<0.0022U	<0.0043U	<0.0022U	<0.0022U	<0.0022U	-	-	-	<0.43U	<0.43U	-	<0.43U	<0.43U	<0.43U
Rear Parking Lot	SSHS-B23	4-8	5/9/2000	200N	<0.002U	<0.002U	-	-	<0.002U	<0.004U	<0.002U	<0.002U	<0.002U	-	-	-	<0.4U	<0.4U	-	0.06J	0.14J	0.12J
Rear Parking Lot	SSHS-B23	8-12	5/9/2000	63.4N	<0.0021U	<0.0021U	-	-	<0.0021U	<0.0041U	<0.0021U	<0.0021U	<0.0021U	-	-	-	<0.41U	<0.41U	-	<0.41U	<0.41U	<0.41U
Rear Parking Lot	SSHS-B24	2-2.5	7/11/2000	77	<0.0019U	<0.0019U	-	-	<0.0019U	<0.0037U	<0.0019U	<0.0019U	<0.0019U	-	-	-	<0.37U	<0.37U	-	<0.37U	0.072J	0.054J
Rear Parking Lot	SSHS-B24	2-2.5	7/27/2000	87.8N	-	-	-	-	-	-	-	-	-	-	-	-	<0.38U	<0.38U	-	<0.38U	0.039J	<0.38U
Rear Parking Lot	SSHS-B24	1-4	5/9/2000	451N	<0.002U	<0.002U	-	-	<0.002U	<0.0038U	<0.002U	<0.002U	<0.002U	-	-	-	<0.38U	<0.38U	-	<0.38U	<0.38U	<0.38U
Rear Parking Lot	SSHS-B35	2-4	5/9/2000	92.4N	<0.0021U	<0.0021U	-	-	<0.0021U	<0.004U	<0.0021U	<0.0021U	<0.0021U	-	-	-	0.11J	<0.4U	-	0.23J	0.38J	0.32J
Rear Parking Lot	SSHS-B518	2-4	9/16/2016	590	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B519	2-4	9/22/2016	240	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B519	4-6	9/22/2016	110J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B520	2-4	9/22/2016	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B520	4-6	9/22/2016	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B520	8-10	9/22/2016	58J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B520	10-12	9/22/2016	76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B522	2-4	9/16/2016	71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B524	2-4	9/23/2016	84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B524	4-6	9/23/2016	49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B524	6-8	9/23/2016	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B524	8-10	9/23/2016	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B537	6-8	9/22/2016	-	-	-	-	-	-	-	-	-	-	-	0.068J	0.27	<0.0073U	<0.0087U	<0.031U	<0.0074U	0.031J	0.021J
Rear Parking Lot	SSHS-B537	8-10	9/22/2016	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B537	10-12	9/22/2016	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B537	12-14	9/22/2016	53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B542	8-10	9/22/2016	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B542	10-12	9/22/2016	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 10B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Siet - North Portion
Elmira, New York

				SVOCs															
				Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Di-n-butyl phthalate	Di-n-octyl phthalate	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00057	0.00036	0.00073	0.003	0.0025	0.00034	0.00044	0.0004	0.0018	0.0023	0.0019	0.00039	0.00048	0.00037	0.00032	0.0006	0.00037
Restricted Residential SCO				1	100	3.9				3.9	0.33	59			100	100	0.5	100	100	100
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																	
Main Parking Lot	SSHS-B88	6-10	8/13/2014	<0.011U	<0.0072U	<0.015U	<0.059U	<0.05U	<0.0067U	<0.0087U	<0.0081U	<0.036U	<0.046U	<0.038U	<0.0078U	<0.0096U	<0.0075U	<0.0063U	<0.012U	<0.0074U
Main Parking Lot	SSHS-B88	10-15	8/13/2014	<0.012U	<0.0076U	<0.015U	<0.062U	<0.052U	<0.007U	<0.0091U	<0.0085U	<0.038U	<0.048U	<0.04U	<0.0082U	<0.01U	<0.0079U	<0.0066U	<0.012U	<0.0077U
Main Parking Lot	SSHS-B89	2-6	8/13/2014	<0.012U	<0.0077U	<0.016U	<0.062U	<0.053U	<0.0071U	<0.0092U	<0.0086U	<0.038U	<0.048U	<0.041U	<0.0083U	<0.01U	<0.008U	<0.0067U	<0.012U	<0.0078U
Main Parking Lot	SSHS-B89	6-10	8/13/2014	<0.011U	<0.0072U	<0.015U	<0.059U	<0.05U	<0.0067U	<0.0087U	<0.0081U	<0.036U	<0.046U	<0.038U	<0.0078U	<0.0096U	<0.0075U	<0.0063U	<0.012U	<0.0074U
Main Parking Lot	SSHS-B89	10-15	8/13/2014	<0.012U	<0.0074U	<0.015U	<0.06U	<0.051U	<0.0069U	<0.0089U	<0.0083U	<0.037U	<0.047U	<0.039U	<0.008U	<0.0099U	<0.0077U	<0.0064U	<0.012U	<0.0076U
Main Parking Lot	SSHS-B90	2-6	8/13/2014	<0.25 - 0.19U	<0.16 - 0.17U	<0.32 - 0.086U	<1.3 - 1.4U	50 - 110E	<0.0074U	<0.19 - 0.17U	<0.0089U	<0.039U	<1 - 0.78U	<0.042U	<0.25 - 0.22J	<0.011U	<0.16 - 0.14U	<0.14 - 0.16U	<0.25 - 0.15U	<0.21 - 0.32J
Main Parking Lot	SSHS-B90	6-10	8/13/2014	<0.013U	<0.008U	<0.016U	<0.065U	<0.073J	<0.0074U	<0.0096U	<0.009U	<0.04U	<0.051U	<0.043U	<0.0086U	<0.011U	<0.0083U	<0.007U	<0.013U	<0.0082U
Main Parking Lot	SSHS-B90	10-15	8/13/2014	<0.011U	<0.0072U	<0.015U	<0.058U	<0.049U	<0.0066U	<0.0086U	<0.008U	<0.035U	<0.045U	<0.038U	<0.0093J	<0.0095U	<0.0074U	<0.0062U	<0.011U	<0.011J
Main Parking Lot	SSHS-B91	2-6	8/13/2014	<0.011U	<0.0071U	<0.015U	<0.058U	<0.049U	<0.0066U	<0.0085U	<0.008U	<0.035U	<0.045U	<0.038U	<0.0077U	<0.0095U	<0.0074U	<0.0062U	<0.011U	<0.0073U
Main Parking Lot	SSHS-B91	6-10	8/13/2014	<0.011U	<0.007U	<0.014U	<0.057U	<0.048U	<0.0065U	<0.0083U	<0.0078U	<0.034U	<0.044U	<0.037U	<0.0075U	<0.0092U	<0.0072U	<0.006U	<0.011U	<0.0071U
Main Parking Lot	SSHS-B91	10-15	8/13/2014	<0.012U	<0.0075U	<0.015U	<0.061U	<0.052U	<0.007U	<0.009U	<0.0084U	<0.037U	<0.047U	<0.04U	<0.0081U	<0.01U	<0.0078U	<0.0065U	<0.012U	<0.0076U
Rear Parking Lot	SSHS-B100	4-6	8/15/2014	<0.012U	<0.0079U	<0.016U	<0.064U	<0.054U	<0.0073U	<0.0094U	<0.0088U	<0.039U	<0.049U	<0.042U	<0.02J	<0.01U	<0.0081U	<0.028J	<0.056J	<0.019J
Rear Parking Lot	SSHS-B100	6-10	8/15/2014	<0.013U	<0.0081U	<0.016U	<0.066U	<0.056U	<0.0075U	<0.0097U	<0.009U	<0.04U	<0.051U	<0.043U	<0.018J	<0.011U	<0.0084U	<0.007U	<0.013U	<0.02J
Rear Parking Lot	SSHS-B100	10-13.5	8/15/2014	<0.013U	<0.008U	<0.016U	<0.065U	<0.055U	<0.0075U	<0.0096U	<0.009U	<0.04U	<0.051U	<0.043U	<0.0086U	<0.011U	<0.0083U	<0.007U	<0.013U	<0.0082U
Rear Parking Lot	SSHS-B101	3-6	8/14/2014	0.15	0.14	<0.037J	<0.066U	<0.056U	<0.0075U	0.31	<0.041J	<0.13J	<0.051U	<0.043U	0.16	<0.011U	<0.065J	0.14	0.77J	0.14
Rear Parking Lot	SSHS-B101	8-10	8/14/2014	0.089	0.087	<0.017U	<0.067U	<0.056U	<0.0076U	0.19	<0.0092U	<0.079J	<0.052U	<0.043U	<0.077J	<0.011U	<0.025J	0.11	0.44	0.089
Rear Parking Lot	SSHS-B101	12-15.5	8/14/2014	<0.012U	<0.0076U	<0.015U	<0.062U	<0.052U	<0.007U	<0.0091U	<0.0085U	<0.038U	<0.048U	<0.04U	<0.0082U	<0.01U	<0.0079U	<0.0066U	<0.012U	<0.0077U
Rear Parking Lot	SSHS-B23	1-4	5/9/2000	<0.43U	<0.43U	<0.43U	-	-	-	<0.43U	<0.43U	<0.43U	-	-	0.045J	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U
Rear Parking Lot	SSHS-B23	4-8	5/9/2000	0.13J	0.1J	0.1J	-	-	-	0.22J	0.047J	0.062J	-	-	0.39J	0.045J	0.087J	0.089J	0.41	0.33J
Rear Parking Lot	SSHS-B23	8-12	5/9/2000	<0.41U	<0.41U	<0.41U	-	-	-	<0.41U	<0.41U	<0.41U	-	-	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U
Rear Parking Lot	SSHS-B24	2-2.5	7/11/2000	0.061J	<0.37U	0.046J	-	-	-	<0.37U	0.11J	<0.37U	-	-	0.11J	<0.37U	<0.37U	<0.37U	0.089J	0.12J
Rear Parking Lot	SSHS-B24	2-2.5	7/27/2000	<0.38U	<0.38U	<0.38U	-	-	-	0.078J	<0.38U	<0.38U	-	-	0.054J	<0.38U	<0.38U	0.04J	0.12J	0.066J
Rear Parking Lot	SSHS-B24	1-4	5/9/2000	<0.38U	<0.38U	<0.38U	-	-	-	0.058J	<0.38U	<0.38U	-	-	0.061J	<0.38U	<0.38U	<0.38U	0.062J	<0.05J
Rear Parking Lot	SSHS-B35	2-4	5/9/2000	0.31J	0.24J	0.23J	-	-	-	0.47	0.099J	0.079J	-	-	<0.89U	0.1J	0.19J	0.058J	1.1	0.91
Rear Parking Lot	SSHS-B518	2-4	9/16/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B519	2-4	9/22/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B519	4-6	9/22/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B520	2-4	9/22/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B520	4-6	9/22/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B520	8-10	9/22/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B520	10-12	9/22/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B522	2-4	9/16/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B524	2-4	9/23/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B524	4-6	9/23/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B524	6-8	9/23/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B524	8-10	9/23/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B537	6-8	9/22/2016	0.057J	<0.0075U	<0.015U	<0.061U	<0.052U	<0.007U	0.14	<0.0084U	0.087J	<0.047U	<0.04U	0.09	0.081	<0.0078U	0.15	0.33	0.081
Rear Parking Lot	SSHS-B537	8-10	9/22/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B537	10-12	9/22/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B537	12-14	9/22/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B542	8-10	9/22/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B542	10-12	9/22/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 10B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Siet - North Portion
Elmira, New York

				VOCs																		
				Benzene	Ethylbenzene	Toluene	Xylene (m & p)	Xylene Total	1,2-Dichloroethene	Chloroform	cis-1,2-dichloroethene	Dichloromethane	Trichloroethene	Tetrachloroethene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Methyl Ethyl Ketone	Acetone	Carbon disulfide
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00046	0.00044	0.00049	0.001	0.0029	0.0015	0.0004	0.00048	0.00046	0.00045	0.00046			0.00046					0.0006	0.0034	0.00035
Restricted Residential SCO				4.8	41	100		100		49	100	100	21	19	52	52		100	100		100	100	100	
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																					
Rear Parking Lot	SSHS-B542	12-14	9/22/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B548	6-8	9/21/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B555	2-4	9/16/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B555	4-6	9/16/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B555	6-8	9/16/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B555	8-10	9/16/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B557	2-4	9/7/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B557	4-6	9/7/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B557	6-8	9/7/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B557	8-10	9/7/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B557	10-12	9/7/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B558	2-4	9/7/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B558	4-6	9/7/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B558	6-8	9/7/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B558	8-10	9/7/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B558	10-12	9/7/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B559	2-4	9/7/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B559	4-6	9/7/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B559	6-8	9/7/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B559	8-10	9/7/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B560	2-4	9/7/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B560	4-6	9/7/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B560	6-8	9/7/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B560	8-10	9/7/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B64	4-6	8/14/2014	<0.0011U	<0.001U	<0.0012U	<0.0024U	-	-	<0.00095U	<0.0011U	<0.0011U	<0.0011U	<0.0011U	-	-	<0.0011U	-	-	-	-	<0.0014U	<0.0081U	<0.00083U
Rear Parking Lot	SSHS-B64	6-9	8/14/2014	<0.00055U	<0.00052U	<0.00059U	<0.0012U	-	-	<0.00048U	<0.00057U	<0.00055U	<0.00053U	<0.00055U	-	-	<0.00055U	-	-	-	-	<0.00072U	<0.0041U	<0.00042U
Rear Parking Lot	SSHS-B64	10-12	8/14/2014	<0.00057U	<0.00054U	<0.00061U	<0.0012U	-	-	<0.00049U	<0.00059U	<0.00057U	<0.00055U	<0.00057U	-	-	<0.00057U	-	-	-	-	<0.00074U	<0.0042U	<0.00043U
Rear Parking Lot	SSHS-B65	4-6	8/14/2014	<0.00056U	<0.00054U	<0.00061U	<0.0012U	-	-	<0.00049U	<0.00059U	<0.00056U	<0.0015J	<0.00057U	-	-	<0.00057U	-	-	-	-	<0.00074U	<0.0042U	<0.00043U
Rear Parking Lot	SSHS-B65	8-10	8/14/2014	<0.00066U	<0.00063U	<0.00072U	<0.0014U	-	-	<0.00057U	<0.00069U	<0.00066U	<0.00065U	<0.00067U	-	-	<0.00067U	-	-	-	-	<0.00087U	<0.0049U	<0.0005U
Rear Parking Lot	SSHS-B65	10-12	8/14/2014	<0.00054U	<0.00052U	<0.00059U	<0.0012U	-	-	<0.00047U	<0.00057U	<0.00054U	<0.00053U	<0.00055U	-	-	<0.00055U	-	-	-	-	<0.00071U	<0.004U	<0.00041U
Rear Parking Lot	SSHS-B66	2-4	8/14/2014	<0.00057U	<0.00054U	<0.00062U	<0.0012U	-	-	<0.00049U	<0.00072J	<0.00057U	0.0051	<0.00057U	-	-	<0.00057U	-	-	-	-	<0.00074U	<0.0042U	<0.00043U
Rear Parking Lot	SSHS-B66	6-8	8/14/2014	<0.00067U	<0.00064U	<0.00073U	<0.0015U	-	-	<0.00058U	<0.0007U	<0.00067U	<0.00074J	<0.00068U	-	-	<0.00068U	-	-	-	-	<0.00088U	<0.005U	<0.00051U
Rear Parking Lot	SSHS-B67	2-6	8/14/2014	<0.00062U	<0.00059U	<0.00067U	<0.0013U	-	-	<0.00053U	<0.00064U	<0.00061U	<0.0006J	<0.00062U	-	-	<0.00062U	-	-	-	-	<0.00081U	<0.0046U	<0.00047U
Rear Parking Lot	SSHS-B67	8-10	8/14/2014	<0.00072U	<0.00069U	<0.00078U	<0.0016U	-	-	<0.00062U	<0.00075U	<0.00072U	<0.0007U	<0.00073U	-	-	<0.00072U	-	-	-	-	<0.00094U	<0.0053U	<0.00055U
Rear Parking Lot	SSHS-B67	10-12	8/14/2014	<0.00065U	<0.00062U	<0.0007U	<0.0014U	-	-	<0.00056U	<0.00068U	<0.00065U	<0.00063U	<0.00066U	-	-	<0.00065U	-	-	-	-	<0.00085U	<0.0053J	<0.00049U
Rear Parking Lot	SSHS-B68	2-6	8/14/2014	<0.00073U	<0.0007U	<0.00079U	<0.0016U	-	-	<0.00063U	<0.00076U	<0.00073U	<0.00071U	<0.00074U	-	-	<0.00074U	-	-	-	-	<0.0019J	<0.0068J	<0.00056U
Rear Parking Lot	SSHS-B68	6-8	8/14/2014	<0.00064U	<0.00061U	<0.00069U	<0.0014U	-	-	<0.00055U	<0.0034J	<0.00064U	0.0057	<0.00064U	-	-	<0.00064U	-	-	-	-	<0.00083U	<0.0047U	<0.00048U
Rear Parking Lot	SSHS-B69	2-4	8/14/2014	<0.00082U	<0.00078U	<0.00089U	<0.0018U	-	-	<0.00071U	<0.00085U	<0.00082U	<0.0016J	<0.00083U	-	-	<0.00082U	-	-	-	-	<0.0011U	<0.0069J	<0.00062U
Rear Parking Lot	SSHS-B69	4-6	8/14/2014	<0.00062U	<0.00059U	<0.00067U	<0.0013U	-	-	<0.00054U	<0.00064U	<0.00062U	<0.0006U	<0.00062U	-	-	<0.00062U	-	-	-	-	<0.00081U	<0.0046U	<0.00047U
South of Athletic Stands	SSHS-B70	2-6	8/14/2014	<0.00074U	<0.0007U	<0.0008U	<0.0016U	-	-	<0.00064U	<0.00077U	<0.00074U	<0.00072U	<0.00075U	-	-	<0.00074U	-	-	-	-	<0.00097U	<0.0055U	<0.00056U
South of Athletic Stands	SSHS-B70	6-10	8/14/2014	<0.00072U	<0.00068U	<0.00077U	<0.0016U	-	-	<0.00062U	<0.00075U	<0.00071U	<0.0007U	<0.00072U	-	-	<0.00072U	-	-	-	-	<0.00093U	<0.0053U	<0.00054U
South of Athletic Stands	SSHS-B70	10-14	8/14/2014	<0.00059U	<0.00056U	<0.00063U	<0.0013U	-	-	<0.00051U	<0.00061U	<0.00058U	<0.00057U	<0.00059U	-	-	<0.00059U	-	-	-	-	<0.00077U	<0.0043U	<0.00044U

TABLE 10B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Siet - North Portion
Elmira, New York

				Inorganics		Metals																					
				Cyclohexane	Cyanide Total	Sodium	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (III+VI)	Chromium (Trivalent)	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Thallium	Tin	Vanadium
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00025	0.15	55	7.9	0.14	0.39	7.9	0.16	0.014	200	0.2		2	0.99	3.9	0.39	200	0.59	0.008	1.6	200	0.25	0.038	0.14		2
Restricted Residential SCO					27				16	400	72	4.3		110	180		270		400		2000	0.81	310		180	180			
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																										
Rear Parking Lot	SSHS-B542	12-14	9/22/2016	-	-	880	5500	0.62J	57	110	0.25J	<0.13U	9000	17	-	4.4J	79	47,000	130	5400	170	0.043	20	1200	1.7	<0.19U	<0.56U	-	15
Rear Parking Lot	SSHS-B548	6-8	9/21/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B555	2-4	9/16/2016	-	-	800	7300	2.7J	9.7J	240J	0.38J	0.21J	16,000J+	27J	-	7.4J	48J-	31,000	3300J	3000J	470J	0.054B	63J	570	0.56J	<0.16UJ	<0.47UJ	-	18J
Rear Parking Lot	SSHS-B555	4-6	9/16/2016	-	-	160J	7200	<0.4U	4.9	77	0.36J	<0.13U	4200	11	-	5.7	18	17,000	33	2400	360	<0.032U	18	620	<0.45U	<0.19U	<0.57U	-	12
Rear Parking Lot	SSHS-B555	6-8	9/16/2016	-	-	<160U	7900	<0.4U	5.8	50	0.34J	<0.13U	13,000	9.6	-	6	21	17,000	17	3700	410	<0.035U	15	590	0.5J	<0.19U	<0.56U	-	14
Rear Parking Lot	SSHS-B555	8-10	9/16/2016	-	-	160J	5900	<0.37U	3.8	43	0.28J	<0.12U	39,000	7.4	-	4.5J	13	12,000	7.7	6500	240	<0.03U	11	510J	<0.41U	<0.17U	<0.52U	-	11
Rear Parking Lot	SSHS-B557	2-4	9/7/2016	-	-	120J	4000	0.65J	25	120	0.25	0.3	2100J	30	-	5	240J	32,000	99	1200	190	0.21	74	410	2	0.16J	<0.26U	-	15
Rear Parking Lot	SSHS-B557	4-6	9/7/2016	-	-	72J	5700	0.23J	18	80	0.23	0.092J	1100	14	-	5.3	42	22,000	26	1700	250	0.039	25	450	1.2	<0.086U	<0.26U	-	13
Rear Parking Lot	SSHS-B557	6-8	9/7/2016	-	-	<75U	8200	<0.19U	5.9	91	0.29	0.068J	480	14	-	6.4	22	23,000	9.6	2200	290	0.013J	16	470	0.51J	<0.089U	<0.27U	-	14
Rear Parking Lot	SSHS-B557	8-10	9/7/2016	-	-	<55U	3800	<0.14U	9.7	59	0.15J	0.069J	620	11	-	3.2	37	15,000	21	1100	160	0.05	15	330	0.83	<0.066U	<0.2U	-	8.3
Rear Parking Lot	SSHS-B557	10-12	9/7/2016	-	-	81J	4300	<0.2U	4.5	41	0.12J	<0.064U	750	8.6	-	2.9	14	18,000	5.2	1500	84	0.0091J	9	360	0.63	<0.094U	<0.28U	-	8.2
Rear Parking Lot	SSHS-B558	2-4	9/7/2016	-	-	<76U	5800	<0.39U	20	51	0.26	0.093J	14,000	7.9	-	5.9	27	32,000	8.9	3200	260	0.017	14	340	0.81	<0.09U	<0.27U	-	11
Rear Parking Lot	SSHS-B558	4-6	9/7/2016	-	-	<75U	6900	<0.19U	7.6	59	0.22	<0.061U	2000	10	-	4.9	22	21,000	9.6	1900	320	0.032	14	350	0.46J	<0.09U	<0.27U	-	13
Rear Parking Lot	SSHS-B558	6-8	9/7/2016	-	-	<75U	9300	<0.19UJ	9.2	200J	0.35	0.1J	770	13	-	8	18J-	23,000J	12	2300	300J	0.023	17	550	0.5J	<0.089U	<0.27U	-	15
Rear Parking Lot	SSHS-B558	8-10	9/7/2016	-	-	<78U	6600	<0.2U	8.4	120	0.32	0.074J	1900	15	-	5.8	19	20,000	15	1800	170	0.028	17	410	0.66	<0.093U	<0.28U	-	12
Rear Parking Lot	SSHS-B558	10-12	9/7/2016	-	-	110J	4600	<0.2U	8.1	50	0.18J	<0.064U	1100	10	-	3.4	88	19,000	20	1600	120	0.011J	24	460	0.28J	<0.095U	<0.28U	-	8.9
Rear Parking Lot	SSHS-B559	2-4	9/7/2016	-	-	310	980	0.32J	42	74	0.35	<0.06U	870	13	-	1J	14	15,000	23	200J	22	0.081	6	300	5.6	<0.088U	0.58J	-	13
Rear Parking Lot	SSHS-B559	4-6	9/7/2016	-	-	170J	4800	<0.38U	35	66	0.21	<0.06U	1300	12	-	4.3	60	34,000	43	1400	150	0.032	41	570	2	<0.088U	<0.27U	-	13
Rear Parking Lot	SSHS-B559	6-8	9/7/2016	-	-	120J	4900	<0.36U	34	86	0.13J	<0.058U	1000	9.8	-	2.9	18	37,000	9.7	1500	120	<0.018U	12	490	1.2	<0.085U	<0.26U	-	13
Rear Parking Lot	SSHS-B559	8-10	9/7/2016	-	-	190J	4600	<0.36U	28	75	0.25	0.07J	1200	19	-	3.4	100	34,000	49	1400	150	0.044B	60	560	1.9	0.17J	<0.25U	-	14
Rear Parking Lot	SSHS-B560	2-4	9/7/2016	-	-	280	1300	0.42J	23	40	0.35	<0.057U	470	6.7	-	1.8J	50	18,000	35	320	28	0.13B	13	280	2.1	<0.085U	0.26J	-	8.4
Rear Parking Lot	SSHS-B560	4-6	9/7/2016	-	-	540	2700	0.72J	58	99	0.3	0.065J	2200	16	-	3.1	130	43,000	110	820	130	0.086B	72	580	5.5	0.17J	0.36J	-	15
Rear Parking Lot	SSHS-B560	6-8	9/7/2016	-	-	310	3800	<0.39U	98	84	0.13J	<0.062U	680	7.1	-	2.1J	19	42,000	11	1100	92	0.02B	7.8	840	6.7	<0.092U	<0.28U	-	14
Rear Parking Lot	SSHS-B560	8-10	9/7/2016	-	-	280	3200	0.94J	32	82	0.34	0.083J	2100	15	-	3.1	200	29,000	97	1200	130	0.086B	62	480	2.6	0.19J	<0.26U	-	14
Rear Parking Lot	SSHS-B64	4-6	8/14/2014	<0.0006U	<0.17U	<320J	1300	1.6	20	92	<0.37J	<0.017U	5700	9	-	<4.3J	35	22,000	60	<430J	44	0.065	10	700	2.8	<0.048U	<0.2J	-	18
Rear Parking Lot	SSHS-B64	6-9	8/14/2014	<0.0003U	<0.28J	<200J	4800	<0.23U	8.7	63	0.54	<0.059J	17,000	9.1	-	<5.5J	36	21,000	28	2400	130	<0.027J	17	790	1.2	<0.046U	<0.17U	-	16
Rear Parking Lot	SSHS-B64	10-12	8/14/2014	<0.00031U	<0.17U	<88J	12,000	<0.24U	9	72	0.55	<0.062J	5200	14	-	9.8	15	23,000	12	4000	440	<0.017J	19	1700	<0.56J	<0.049U	<0.18U	-	18
Rear Parking Lot	SSHS-B65	4-6	8/14/2014	<0.00031U	1.4	1000	3500	<0.23U	32	150	<0.31J	<0.017U	9000	15B	-	<4.3J	65	30,000	78	1800	300	0.73	67	870	4.9	<0.091J	<0.83J	-	14B
Rear Parking Lot	SSHS-B65	8-10	8/14/2014	<0.00036U	1	670	6400	<0.26U	63	140	<0.22J	<0.018U	6000	14B	-	<4J	33	42,000	28	2500	200	<0.032J	35	1200	4	<0.052U	<0.19U	-	20B
Rear Parking Lot	SSHS-B65	10-12	8/14/2014	<0.0003U	<0.17J	580	6000	<0.22U	51	93	<0.15J	<0.015U	<540U	11B	-	<3.5J	22	44,000	15	1700	130	<0.026J	8.8	1400	2.7	<0.044U	<0.16U	-	15B
Rear Parking Lot	SSHS-B66	2-4	8/14/2014	<0.00031U	3.3	<130J	7000	<0.22U	12	100	<0.35J	<0.56U	13,000	17B	-	6.4	100	26,000	89	3300	430	0.082	48	640	1.1	<0.045U	<0.16U	-	15B
Rear Parking Lot	SSHS-B66	6-8	8/14/2014	<0.00037U	1.8	<160J	7700	<0.2U	7.2	61	<0.31J	<0.51U	31,000	12B	-	6.4	31	18,000	19	6100	320	<0.029J	22	740	<0.56J	<0.041U	<0.15U	-	13B
Rear Parking Lot	SSHS-B67	2-6	8/14/2014	<0.00034U	0.67	<340J	4900	<1.1UJ	83J	160	0.45	<0.016U	6100J	29J	-	5.8	210	39,000	220J	2000J	290	0.85	160J	680	5.1	<0.045U	<0.32J	-	18B
Rear Parking Lot	SSHS-B67	8-10	8/14/2014	<0.0004U	<0.17U	<270J	5900	<0.23U	43	58	<0.2J	<0.016U	1500	11B	-	<3.5J	28	49,000	11	1500	100	<0.012U	9	890	1.3	<0.046U	<0.17U	-	14B
Rear Parking Lot	SSHS-B67	10-12	8/14/2014	<0.00036U	<0.16U	550	6400	<0.21U	49	82	<0.22J	<0.015U	990	11B	-	<3.3J	41	51,000	7.2	1600	110	<0.012U	8.7	810	<1J	<0.043U	<0.24J	-	13B
Rear Parking Lot	SSHS-B68	2-6	8/14/2014	<0.0004U	1.3	<170J	7600	<0.23U	8.9	120	<0.37J	<0.57U	18,000	17B	-	6.6	74	20,000	330	3800	350	0.08	53	600	<0.61J	<0.046U	<0.17U	-	13B
Rear Parking Lot	SSHS-B68	6-8	8/14/2014	<0.00035U	6.4	<220J	9800	<0.22U	7.6	57	<0.42J	<0.56U	8100	12B	-	7.8	35	20,000	40	3500	430	<0.032J	26	700	<0.65J	<0.045U	<0.16U	-	15B
Rear Parking Lot	SSHS-B69	2-4	8/14/2014	<0.00045U	<0.18U	<520J	6800	<1.6J	28	240	<0.47J	<0.63U	7500	40B	-	7.8	340	44,000	1800	1900	470	0.39	160	650	2.5	<0.26J	<0.3J	-	18B
Rear Parking Lot	SSHS-B69	4-6	8/14/2014	<0.00034U	<0.55J	<220J	7100	<0.23J	19	100	<0.36J	<0.52U	7600	16J	-	6.2	100	25,000	72J	2900	340	0.11	49	660	1.6	<0.046J	<0.15J	-	14B
South of Athletic Stands	SSHS-B70	2-6	8/14/2014	<0.00041U	<0.55U	<63J	7600	<0.22U	8.3	92	<0.39J	<0.016U	11,000	11	-	6.2	26	17,000B	35	3300	450	0.046	28	630B	<0.61J	<0.045U	<0.16U	-	15
South of Athletic Stands	SSHS-B70	6-10	8/14/2014	<0.00039U	1.2B	<150J	7200	<0.61J	8.1	190	<0.38J	<0.55U	19,000	39	-	6.2	75	20,000B	160	3300	430	0.099	100	730B	<0.73J	<0.044U	<0.16U	-	14
South of Athletic Stands	SSHS-B70	10-14	8/14/2014	<0.00032U	<0.58U	<87J	5800	<0.28J	5.5	74	<0.26J	<0.015U	17,000	7.5	-	5.5	18	14,000B	23	4500	360	0.11	13	660B	<0.31J	<0.043U	<0.16U	-	11

TABLE 10B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Siet - North Portion
Elmira, New York

					Pesticides																	
				Zinc	4,4-DDE	b-BHC	Chlordane (cis)	Chlordane (trans)	DDD	DDT	Dieldrin	Endosulfan I	Endrin	Endrin aldehyde	1,1-Biphenyl	2-methylnaphthalene	Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Benz(a)anthracene	Benzo(a) pyrene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.79	0.00026	0.00044	0.00034	0.00033	0.00022	0.00025	0.00028	0.00032	0.00033	0.00033	0.0016	0.00034	0.00035	0.00041	0.0015	0.00036	0.00046	0.00037
Restricted Residential SCO				10000	8.9	0.36	4.2		13	7.9	0.2	24	11				100	100		100	1	1
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																			
Rear Parking Lot	SSHS-B542	12-14	9/22/2016	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B548	6-8	9/21/2016	-	-	-	-	-	-	-	-	-	-	-	<0.036U	0.16	<0.0077U	<0.0092U	<0.033U	0.01J	0.032J	0.021J
Rear Parking Lot	SSHS-B555	2-4	9/16/2016	97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B555	4-6	9/16/2016	45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B555	6-8	9/16/2016	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B555	8-10	9/16/2016	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B557	2-4	9/7/2016	90	-	-	-	-	-	-	-	-	-	-	0.032J	0.31J	0.011	<0.00082U	0.038	0.015J	0.061J	0.052J
Rear Parking Lot	SSHS-B557	4-6	9/7/2016	50	-	-	-	-	-	-	-	-	-	-	0.018J	0.18	0.0068J	<0.00082U	0.023J	0.0043J	0.024	0.018
Rear Parking Lot	SSHS-B557	6-8	9/7/2016	56	-	-	-	-	-	-	-	-	-	-	<0.0017U	<0.00034U	<0.00036U	<0.00043U	<0.0016U	<0.00037U	<0.00048U	<0.00038U
Rear Parking Lot	SSHS-B557	8-10	9/7/2016	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B557	10-12	9/7/2016	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B558	2-4	9/7/2016	48	-	-	-	-	-	-	-	-	-	-	<0.0016U	0.0006J	<0.00035U	<0.00042U	<0.0015U	<0.00036U	<0.00046U	<0.00037U
Rear Parking Lot	SSHS-B558	4-6	9/7/2016	49	-	-	-	-	-	-	-	-	-	-	0.005J	0.058	<0.00035U	<0.00041U	0.0059J	0.00069J	0.003J	0.0018J
Rear Parking Lot	SSHS-B558	6-8	9/7/2016	60J	-	-	-	-	-	-	-	-	-	-	<0.0017U	<0.00034U	<0.00036U	<0.00043U	<0.0016U	<0.00037U	<0.00047U	<0.00038U
Rear Parking Lot	SSHS-B558	8-10	9/7/2016	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B558	10-12	9/7/2016	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B559	2-4	9/7/2016	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B559	4-6	9/7/2016	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B559	6-8	9/7/2016	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B559	8-10	9/7/2016	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B560	2-4	9/7/2016	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B560	4-6	9/7/2016	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B560	6-8	9/7/2016	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B560	8-10	9/7/2016	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B64	4-6	8/14/2014	7.2B	<0.00029U	<0.0005U	<0.00038U	<0.002U	<0.00025U	<0.00029U	<0.00032U	<0.00036U	<0.00037U	<0.00037U	<0.035U	0.12	<0.0074U	<0.0089U	<0.034J	<0.018J	<0.0097U	<0.0077U
Rear Parking Lot	SSHS-B64	6-9	8/14/2014	30B	<0.00029U	<0.00051U	<0.00039U	<0.002U	<0.00026U	<0.00029U	<0.00032U	<0.00037U	<0.002U	<0.00038U	<0.035U	0.078	<0.0074U	<0.0089U	<0.032U	<0.013J	<0.042J	<0.029J
Rear Parking Lot	SSHS-B64	10-12	8/14/2014	56B	<0.00029U	<0.0005U	<0.00038U	<0.00038U	<0.00025U	<0.00029U	<0.00032U	<0.00036U	<0.00038U	<0.00038U	<0.035U	<0.007U	<0.0074U	<0.0089U	<0.032U	<0.0076U	<0.0097U	<0.0078U
Rear Parking Lot	SSHS-B65	4-6	8/14/2014	42B	<0.013U	<0.072U	<0.023U	<1.2U	<0.00024U	<0.071U	<0.054U	0.076	<0.37U	0.069	<0.07J	0.5	<0.034J	<0.024J	<0.072J	<0.037J	0.1	0.082
Rear Parking Lot	SSHS-B65	8-10	8/14/2014	39B	<0.00032U	<0.0021U	<0.00042U	<0.012U	<0.0021U	<0.0056U	<0.0016J	0.0027	<0.017U	0.0023	<0.038U	<0.056J	<0.0081U	<0.025J	<0.035U	<0.022J	<0.081J	<0.056J
Rear Parking Lot	SSHS-B65	10-12	8/14/2014	45B	<0.00027U	<0.00047U	<0.00036U	<0.00036U	<0.00024J	<0.00027U	<0.0003U	<0.00034U	<0.00035U	<0.00035U	<0.033U	<0.0067U	<0.0071U	<0.0085U	<0.03U	<0.0072U	<0.0093U	<0.0074U
Rear Parking Lot	SSHS-B66	2-4	8/14/2014	110B	<0.00028U	<0.031U	<0.0069U	<0.22U	<0.0048U	<0.022U	0.013	0.026	<0.07U	<0.01U	<0.033U	0.17	<0.007U	<0.018J	<0.03U	<0.026J	0.097	0.088
Rear Parking Lot	SSHS-B66	6-8	8/14/2014	56B	<0.00027U	<0.00046U	<0.00035U	<0.0018U	<0.0018U	<0.0018U	<0.0018U	<0.0018U	<0.0018U	<0.0018U	<0.064U	<0.025J	<0.014U	<0.016U	<0.059U	<0.014U	<0.018U	<0.014U
Rear Parking Lot	SSHS-B67	2-6	8/14/2014	120J	<0.0003U	<0.22U	<0.04U	2.1	<0.01U	<0.15U	<0.082U	0.13	<0.49U	0.089	<0.12J	0.73	0.68	<0.048J	<0.077J	1.2	1.8	1.6
Rear Parking Lot	SSHS-B67	8-10	8/14/2014	34B	<0.00027U	<0.0019U	<0.00036U	<0.0076U	<0.00024U	<0.0019U	<0.0003U	<0.0019U	<0.0019U	<0.00035U	<0.032U	<0.0096J	<0.007U	<0.0083U	<0.03U	<0.011J	<0.0091U	<0.0073U
Rear Parking Lot	SSHS-B67	10-12	8/14/2014	37B	<0.00027U	<0.00046U	<0.00035U	<0.0018U	<0.00023U	<0.00027U	<0.0003U	<0.00033U	<0.00035U	<0.00035U	<0.032U	<0.0065U	<0.0069U	<0.0082U	<0.029U	<0.007U	<0.009U	<0.0072U
Rear Parking Lot	SSHS-B68	2-6	8/14/2014	96B	<0.0069U	<0.092U	<0.02U	<0.61U	<0.053U	<0.056U	<0.034U	0.061	<0.18U	<0.027U	<0.11J	0.11	0.28	0.29	<0.03U	0.23	0.37	0.35
Rear Parking Lot	SSHS-B68	6-8	8/14/2014	63B	<0.00028U	<0.00047U	<0.00036U	<0.0047U	<0.00024U	0.021	<0.0013J	<0.00085J	0.0096	0.0019	<0.033U	<0.014J	<0.007U	<0.013J	<0.03U	<0.017J	<0.0092U	<0.0073U
Rear Parking Lot	SSHS-B69	2-4	8/14/2014	200B	<0.0003U	<0.99U	<0.11U	<3.3U	<0.29U	2.1	<0.2U	0.43	<1.2U	<0.097U	<0.14J	0.88	<0.074J	0.12	<0.13J	0.17	0.38	0.32
Rear Parking Lot	SSHS-B69	4-6	8/14/2014	110B	<0.00028U	<0.11U	<0.012U	<0.49U	<0.0022U	<0.034U	0.023	0.048	<0.13U	<0.013U	<0.037J	0.27	<0.037J	0.15	<0.03U	0.13	0.32	0.26
South of Athletic Stands	SSHS-B70	2-6	8/14/2014	66B	<0.00027U	<0.007U	<0.0019U	<0.064U	<0.0048U	<0.0073U	<0.0003U	0.0047	<0.016U	0.0033	<0.032U	0.17	0.14	0.42	<0.03U	0.46	1.3	1.3
South of Athletic Stands	SSHS-B70	6-10	8/14/2014	98B	<0.00028U	<0.043U	<0.012U	<0.23U	<0.036U	<0.053U	<0.021U	0.039	<0.15U	0.024	<0.17U	<0.2J	0.54	<0.062J	<0.15U	2.5	6.7	5.8
South of Athletic Stands	SSHS-B70	10-14	8/14/2014	53B	<0.00028U	<0.00048U	<0.0019U	<0.069U	<0.0069U	<0.031U	0.0066	0.007	<0.098U	<0.00036U	<0.033U	<0.0067U	<0.0072U	<0.0085U	<0.031U	<0.0073U	<0.0093U	<0.0075U

TABLE 10B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Siet - North Portion
Elmira, New York

				SVOCs															
				Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Di-n-butyl phthalate	Di-n-octyl phthalate	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00057	0.00036	0.00073	0.003	0.0025	0.00034	0.00044	0.0004	0.0018	0.0023	0.0019	0.00039	0.00048	0.00037	0.00032	0.0006	0.00037
Restricted Residential SCO				1	100	3.9				3.9	0.33	59			100	100	0.5	100	100	100
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																	
Rear Parking Lot	SSHS-B542	12-14	9/22/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B548	6-8	9/21/2016	0.054J	0.03J	<0.016U	<0.065U	<0.055U	<0.0074U	0.095	<0.0089U	0.049J	<0.05U	<0.042U	0.073J	0.019J	0.021J	0.085	0.2	0.06J
Rear Parking Lot	SSHS-B555	2-4	9/16/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B555	4-6	9/16/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B555	6-8	9/16/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B555	8-10	9/16/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B557	2-4	9/7/2016	0.075J	0.052J	0.022J	<0.0058U	<0.0049U	0.0092	0.1J	0.018J	0.078J	<0.0045U	<0.0038U	0.084J	0.012	0.043J	0.21J	0.22J	0.086J
Rear Parking Lot	SSHS-B557	4-6	9/7/2016	0.026	0.021	0.01	0.035J	<0.0049U	<0.00066U	0.041	0.0066J	0.041	<0.0045U	<0.0038U	0.027	0.0078	0.014	0.12	0.096	0.029
Rear Parking Lot	SSHS-B557	6-8	9/7/2016	<0.0006U	<0.00038U	<0.00077U	<0.0031U	<0.0026U	<0.00035U	<0.00045U	<0.00042U	<0.0019U	<0.0024U	<0.002U	<0.00041U	<0.0005U	<0.00039U	<0.00033U	<0.0006U	<0.00038U
Rear Parking Lot	SSHS-B557	8-10	9/7/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B557	10-12	9/7/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B558	2-4	9/7/2016	<0.00057U	<0.00036U	<0.00074U	<0.003U	<0.0025U	<0.00034U	<0.00044U	<0.00041U	<0.0018U	<0.0023U	<0.0019U	<0.00039U	<0.00048U	<0.00038U	<0.00032U	0.0013J	<0.00037U
Rear Parking Lot	SSHS-B558	4-6	9/7/2016	0.0031J	<0.00036U	<0.00073U	0.0058J	<0.0025U	0.0011J	0.0052	<0.0004U	0.013J	<0.0023U	<0.0019U	0.003J	0.0024J	<0.00037U	0.033	0.021	0.0034J
Rear Parking Lot	SSHS-B558	6-8	9/7/2016	<0.0006U	<0.00038U	<0.00077U	<0.0031U	<0.0026U	<0.00035U	<0.00045U	<0.00042U	<0.0019U	<0.0024U	<0.002U	<0.00041U	<0.0005U	<0.00039U	<0.00033U	<0.0006U	<0.00038U
Rear Parking Lot	SSHS-B558	8-10	9/7/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B558	10-12	9/7/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B559	2-4	9/7/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B559	4-6	9/7/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B559	6-8	9/7/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B559	8-10	9/7/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B560	2-4	9/7/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B560	4-6	9/7/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B560	6-8	9/7/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B560	8-10	9/7/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rear Parking Lot	SSHS-B64	4-6	8/14/2014	<0.012U	<0.0077U	<0.016U	<0.063U	<0.053U	<0.0071U	<0.0092U	<0.0086U	<0.044J	<0.049U	<0.041U	0.085	<0.01U	<0.008U	<0.05J	0.32	<0.077J
Rear Parking Lot	SSHS-B64	6-9	8/14/2014	<0.062J	<0.0077U	<0.016U	<0.063U	<0.053U	<0.0071U	0.13	<0.0086U	<0.038U	<0.049U	<0.041U	<0.065J	<0.01U	<0.025J	<0.044J	0.17	<0.056J
Rear Parking Lot	SSHS-B64	10-12	8/14/2014	<0.012U	<0.0077U	<0.016U	<0.063U	<0.053U	<0.0071U	<0.0092U	<0.0086U	<0.038U	<0.049U	<0.041U	<0.0083U	<0.01U	<0.008U	<0.0067U	<0.012U	<0.0078U
Rear Parking Lot	SSHS-B65	4-6	8/14/2014	0.14	0.099	<0.052J	<0.06U	<0.051U	<0.025J	0.22	<0.039J	<0.16J	<0.047U	<0.039U	0.23	<0.06J	<0.065J	0.3	0.44	0.18
Rear Parking Lot	SSHS-B65	8-10	8/14/2014	<0.077J	<0.068J	<0.029J	<0.068U	<0.058U	<0.0078U	0.11	<0.0094U	<0.042U	<0.053U	<0.045U	0.11	<0.011U	<0.04J	<0.045J	0.1	0.097
Rear Parking Lot	SSHS-B65	10-12	8/14/2014	<0.012U	<0.0074U	<0.015U	<0.06U	<0.051U	<0.0068U	<0.0088U	<0.0082U	<0.036U	<0.046U	<0.039U	<0.0079U	<0.0097U	<0.0076U	<0.0064U	<0.012U	<0.0075U
Rear Parking Lot	SSHS-B66	2-4	8/14/2014	0.14	0.099	<0.047J	<0.059U	<0.05U	<0.0067U	0.14	<0.025J	<0.051J	<0.046U	<0.039U	0.2	<0.015J	0.076	0.11	0.19	0.16
Rear Parking Lot	SSHS-B66	6-8	8/14/2014	<0.022U	<0.014U	<0.029U	<0.12U	<0.097U	<0.013U	<0.017U	<0.016U	<0.07U	<0.089U	<0.075U	<0.02J	<0.019U	<0.015U	<0.012U	<0.023U	<0.018J
Rear Parking Lot	SSHS-B67	2-6	8/14/2014	1.8	1.3	0.78	<0.064U	<0.054U	0.37	1.8	0.28	0.53	<0.05U	<0.042U	4.9	0.66	1.1	0.66	4.2	3.4
Rear Parking Lot	SSHS-B67	8-10	8/14/2014	<0.011U	<0.0072U	<0.015U	<0.059U	<0.05U	<0.0067U	<0.0087U	<0.0081U	<0.036U	<0.046U	<0.038U	<0.03J	<0.0096U	<0.0075U	<0.0063U	<0.026J	<0.021J
Rear Parking Lot	SSHS-B67	10-12	8/14/2014	<0.011U	<0.0071U	<0.015U	<0.058U	<0.049U	<0.0066U	<0.0085U	<0.008U	<0.035U	<0.045U	<0.038U	<0.0077U	<0.0095U	<0.0074U	<0.0062U	<0.011U	<0.0073U
Rear Parking Lot	SSHS-B68	2-6	8/14/2014	0.57	0.47	0.19	<0.059U	<0.05U	0.21	0.45	0.12	0.54	<0.046U	<0.038U	0.88	0.3	0.37	0.63	0.54	0.66
Rear Parking Lot	SSHS-B68	6-8	8/14/2014	<0.012U	<0.0073U	<0.015U	<0.1J	<0.05U	<0.03J	<0.0087U	<0.0081U	<0.036U	<0.046U	<0.039U	<0.053J	<0.029J	<0.0075U	<0.037J	<0.062J	<0.04J
Rear Parking Lot	SSHS-B69	2-4	8/14/2014	0.48	0.34	0.2	<0.065U	<0.055U	<0.066J	0.56	0.091	<0.27J	<0.05U	<0.042U	0.84	0.11	0.25	0.58	0.74	0.6
Rear Parking Lot	SSHS-B69	4-6	8/14/2014	0.37	0.32	0.14	<0.059U	<0.05U	<0.033J	0.44	0.091	<0.084J	<0.046U	<0.039U	0.44	<0.053J	0.23	0.19	0.31	0.38
South of Athletic Stands	SSHS-B70	2-6	8/14/2014	1.5	1.1	0.69	<0.059U	<0.05U	0.13	1.4	0.23	<0.11J	<0.046U	<0.038U	2	0.14	0.92	0.2	1.1	2
South of Athletic Stands	SSHS-B70	6-10	8/14/2014	6.9	4.2	2.6	<0.3U	<0.25U	0.64	6.4	0.93	<0.32J	<0.23U	<0.2U	15	0.65	3.7	<0.26J	7.7	11
South of Athletic Stands	SSHS-B70	10-14	8/14/2014	<0.012U	<0.0074U	<0.015U	<0.06U	<0.051U	<0.0069U	<0.0089U	<0.0083U	<0.037U	<0.047U	<0.039U	<0.008U	<0.0098U	<0.0077U	<0.0064U	<0.012U	<0.0075U

TABLE 10B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Siet - North Portion
Elmira, New York

				VOCs																		
				Benzene	Ethylbenzene	Toluene	Xylene (m & p)	Xylene Total	1,2-Dichloroethene	Chloroform	cis-1,2-dichloroethene	Dichloromethane	Trichloroethene	Tetrachloroethene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Methyl Ethyl Ketone	Acetone	Carbon disulfide
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00046	0.00044	0.00049	0.001	0.0029	0.0015	0.0004	0.00048	0.00046	0.00045	0.00046			0.00046					0.0006	0.0034	0.00035
Restricted Residential SCO				4.8	41	100		100		49	100	100	21	19	52	52		100	100		100	100	100	
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																					
Tennis Court	SSHS-B14	5-6	5/10/2000	<0.0055U	<0.0055U	<0.0055U	<0.0055U	-	-	0.0012J	<0.0055U	<0.0055U	<0.0055U	0.0035J	-	-	-	-	-	-	-	<0.011U	<0.022U	-
Tennis Court	SSHS-B37	0.5-2.5	9/12/2000	<0.0052U	<0.0052U	<0.0052U	<0.0052U	-	-	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.0052U	-	-	-	-	-	-	-	<0.01U	<0.021U	<0.01U
Tennis Court	SSHS-B37	8-10	9/12/2000	<0.0053U	<0.0053U	<0.0053U	<0.0053U	-	-	<0.0053U	<0.0053U	<0.0053U	<0.0053U	<0.0053U	-	-	-	-	-	-	-	<0.011U	<0.021U	<0.011U
Tennis Court	SSHS-B38	1-4.5	9/12/2000	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	-	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	-	-	-	-	-	-	<0.011U	<0.022U	<0.011U
Tennis Court	SSHS-B71	2.5-4.5	8/15/2014	<0.00071U	<0.00067U	<0.00077U	<0.0015U	-	-	<0.00061U	<0.00074U	<0.00071U	<0.00069U	<0.00071U	-	-	<0.00071U	-	-	-	-	<0.00093U	<0.0052U	<0.00054U
Tennis Court	SSHS-B71	6-9.5	8/15/2014	<0.00063U	<0.0006U	<0.00068U	<0.0014U	-	-	<0.00055U	<0.00066U	<0.00063U	<0.00061U	<0.00063U	-	-	<0.00063U	-	-	-	-	<0.00082U	<0.0047U	<0.00048U
Tennis Court	SSHS-B72	3-5	8/15/2014	<0.00055U	<0.00053U	<0.0006U	<0.0012U	-	-	<0.00048U	<0.00058U	<0.00055U	<0.00054U	<0.00056U	-	-	<0.00056U	-	-	-	-	<0.00072U	<0.0041U	<0.00042U
Tennis Court	SSHS-B72	6-10	8/15/2014	<0.00063U	<0.0006U	<0.00068U	<0.0014U	-	-	<0.00054U	<0.00065U	<0.00062U	<0.00061U	<0.00063U	-	-	<0.00063U	-	-	-	-	<0.00082U	<0.0046U	<0.00047U
Tennis Court	SSHS-B72	11.5-13.5	8/15/2014	<0.00056U	<0.00054U	<0.00061U	<0.0012U	-	-	<0.00049U	<0.00059U	<0.00056U	<0.00055U	<0.00057U	-	-	<0.00057U	-	-	-	-	<0.00074U	<0.0042U	<0.00043U
Tennis Court	SSHS-B75	2-6	8/14/2014	<0.0007U	<0.00066U	<0.00075U	<0.0015U	-	-	<0.00061U	<0.00073U	<0.0007U	<0.00068U	<0.0007U	-	-	<0.0007U	-	-	-	-	<0.00091U	<0.0052U	<0.00053U
Tennis Court	SSHS-B75	6-10	8/14/2014	<0.00073U	<0.0007U	<0.00079U	<0.0016U	-	-	<0.00063U	<0.00076U	<0.00073U	<0.00071U	<0.00074U	-	-	<0.00073U	-	-	-	-	<0.00095U	<0.0054U	<0.00055U
Tennis Court	SSHS-B75	10-15	8/14/2014	<0.00067U	<0.00063U	<0.00072U	<0.0014U	-	-	<0.00058U	<0.00069U	<0.00066U	<0.00065U	<0.00067U	-	-	<0.00067U	-	-	-	-	<0.00087U	<0.0049U	<0.0005U
Tennis Court	SSHS-B76	2-6	8/14/2014	<0.00068U	<0.00065U	<0.00073U	<0.0015U	-	-	<0.00059U	<0.00071U	<0.00068U	<0.00066U	<0.00068U	-	-	<0.00068U	-	-	-	-	<0.00089U	<0.005U	<0.00051U
Tennis Court	SSHS-B76	6-10	8/14/2014	<0.00069U	<0.00066U	<0.00075U	<0.0015U	-	-	<0.0006U	<0.00072U	<0.00069U	<0.00068U	<0.0007U	-	-	<0.0007U	-	-	-	-	<0.00091U	<0.0051U	<0.00053U
Tennis Court	SSHS-B76	10-15	8/14/2014	<0.00067U	<0.00064U	<0.00073U	<0.0015U	-	-	<0.00058U	<0.0007U	<0.00067U	<0.00065U	<0.00068U	-	-	<0.00068U	-	-	-	-	<0.00088U	<0.005U	<0.00051U
Tennis Court	SSHS-B77	2-6	8/14/2014	<0.00064U	<0.00061U	<0.00069U	<0.0014U	-	-	<0.00055U	<0.00067U	<0.00064U	<0.00062U	<0.00065U	-	-	<0.00064U	-	-	-	-	<0.00084U	<0.0047U	<0.00049U
Tennis Court	SSHS-B77	6-10	8/14/2014	<0.00067U	<0.00064U	<0.00073U	<0.0015U	-	-	<0.00058U	<0.0007U	<0.00067U	<0.00065U	<0.00068U	-	-	<0.00068U	-	-	-	-	<0.00088U	<0.005U	<0.00051U
Tennis Court	SSHS-B77	10-15	8/14/2014	<0.00063U	<0.0006U	<0.00068U	<0.0014U	-	-	<0.00054U	<0.00065U	<0.00062U	<0.00061U	<0.00063U	-	-	<0.00063U	-	-	-	-	<0.00082U	<0.0046U	<0.00047U
Tennis Courts	SSHS-B36	0.5-2.5	9/12/2000	<0.0053U	<0.0053U	<0.0053U	<0.0053U	-	-	<0.0053U	<0.0053U	<0.0053U	<0.0053U	<0.0053U	-	-	-	-	-	-	-	<0.011U	<0.021U	<0.011U

Notes:
J: estimated value
U: non-detect
N*: identification is based on presumptive evidence
mg/kg: milligrams per kilogram
- : not analyzed
EQL: Quantitation Limit
SVOCs: semi-volatile organic compounds
VOCs: volatile organic compounds
Only consituents with at least one detection are shown.
Detections are presented in bold.
Concentrations detected above the Restricted Residential Soil Cleanup Objectives (SCOs) presented in 6 NYCRR Subpart 375 are shown in gray.

TABLE 10B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Siet - North Portion
Elmira, New York

					Inorganics		Metals																					
				Cyclohexane	Cyanide Total	Sodium	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (III+VI)	Chromium (Trivalent)	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Thallium	Tin	Vanadium
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00025	0.15	55	7.9	0.14	0.39	7.9	0.16	0.014	200	0.2		2	0.99	3.9	0.39	200	0.59	0.008	1.6	200	0.25	0.038	0.14		2
Restricted Residential SCO					27				16	400	72	4.3		110	180		270		400		2000	0.81	310		180	180			
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																										
Tennis Court	SSHS-B14	5-6	5/10/2000	-	<1.1U	-	-	-	5.1	48.8	<0.54U	<0.54U	-	8.3	-	-	24.4	-	24.2	-	-	<0.05U	14.1	-	<0.54U	<1.1U	-	-	-
Tennis Court	SSHS-B37	0.5-2.5	9/12/2000	-	<0.00104U	-	-	<1.04U	2.56	39.1	<0.521U	<0.521U	-	6.24	-	<5.21U	18.4	-	5.49	-	-	<0.0521U	11.3	-	1.43	<1.04U	<1.04U	<52.1U	10.1
Tennis Court	SSHS-B37	8-10	9/12/2000	-	<0.00106U	-	-	<1.06U	3.55	42.2	<0.532U	<0.532U	-	7.49	-	5.87	15.9	-	6.02	-	-	<0.053U	13.9	-	1.32	<1.06U	<1.06U	<53U	113
Tennis Court	SSHS-B38	1-4.5	9/12/2000	-	<0.00111U	-	-	<1.11U	5.76	87.2	<0.557U	<0.557U	-	11.6	-	7.03	26.5	-	29.4	-	-	0.0764	18.2	-	0.721	<1.11U	<1.11U	<55.7U	16.7
Tennis Court	SSHS-B71	2.5-4.5	8/15/2014	<0.00039U	<0.16U	<43J	9100	<0.21U	11	55	<0.4J	<0.034J	2300	11B	-	7.1	27	19000	16	2100	590	<0.012U	17	1000	<0.49J	<0.042U	<0.15U	-	17
Tennis Court	SSHS-B71	6-9.5	8/15/2014	<0.00035U	<0.15U	<89J	5300	<0.2U	12J	42	<0.21J	<0.015J	36000	8B	-	<4.5J	16	13000	7.2	11000	420	<0.011U	11	780	<0.64J	<0.041U	<0.15U	-	9.6
Tennis Court	SSHS-B72	3-5	8/15/2014	<0.0003U	<0.15U	<67J	5700	<0.21U	5.8	37	<0.23J	<0.066J	45000	8	-	5.2	16	13000	6.2	9500	430	<0.011U	13B	730	<0.6J	<0.042U	<0.15U	-	10
Tennis Court	SSHS-B72	6-10	8/15/2014	<0.00034U	<0.19U	<72J	5900	<0.25UJ	7.9	37	<0.27J	<0.08J	39000	8.4	-	6.2	17	15000	7.7	11000J	350J	<0.013U	15B	840	<0.33U	<0.05U	<0.18U	-	11
Tennis Court	SSHS-B72	11.5-13.5	8/15/2014	<0.00031U	<0.15U	<58J	6200	<0.21U	6.4	45	<0.26J	<0.089J	29000	8	-	5.7	24	16000	8.4	5700	290	<0.011U	14B	760	<0.29U	<0.043U	<0.16U	-	12
Tennis Court	SSHS-B75	2-6	8/14/2014	<0.00038U	<0.17U	<40J	8800	<0.24UJ	9.4	50	<0.38J	<0.038J	6500J	9.7	-	7.9	23J	20000	15	2500	610	<0.031J	17	620	<0.32U	<0.048U	<0.17U	-	14
Tennis Court	SSHS-B75	6-10	8/14/2014	<0.0004U	<0.16U	<49J	6300	<0.23U	6.8	42	<0.27J	<0.08J	6800	8	-	<5.3J	18	16000	6.2	2900	440	<0.012U	13	630	<0.33J	<0.046U	<0.17U	-	11
Tennis Court	SSHS-B75	10-15	8/14/2014	<0.00037U	<0.15U	<65J	4200	<0.19U	4.2	33	<0.15J	<0.039J	39000	7.1	-	<3.9J	21	11000	7	14000	300	<0.011U	9.4	510	<0.25U	<0.038U	<0.14U	-	7.7
Tennis Court	SSHS-B76	2-6	8/14/2014	<0.00037U	<0.17U	<30J	6300	<0.21U	6.7	33	<0.32J	<0.015U	1300	8.3	-	5.7	17	15000	7.4	1900	320	<0.017J	13	580	<1U	<0.042U	<0.15U	-	11
Tennis Court	SSHS-B76	6-10	8/14/2014	<0.00038U	<0.15U	<42J	4400	<0.29J	3.2	28	<0.17J	<0.015U	23000	5.5	-	<4.1J	16	11000	4.4	5800	350	<0.011U	9.3	<530U	<1.1U	<0.043U	<0.16U	-	7.4
Tennis Court	SSHS-B76	10-15	8/14/2014	<0.00037U	<0.16U	<60J	6000	<0.28J	5.7	47	<0.23J	<0.014U	33000	6.8	-	5.7	18	15000	6.4	8800	480	<0.012U	14	520	<0.99U	<0.04U	<0.15U	-	9.8
Tennis Court	SSHS-B77	2-6	8/14/2014	<0.00035U	<0.17U	<33J	5700	<0.2U	6.1	34	<0.26J	<0.51U	4000	8.3	-	5.5	17	15000	6.9	2700	450	<0.012U	13	550	<1U	<0.041U	<0.15U	-	11
Tennis Court	SSHS-B77	6-10	8/14/2014	<0.00037U	<0.16U	<48J	4200	<0.22U	4.9	30	<0.18J	<0.047J	31000	5.7	-	<4J	14	11000	4.9	4700	300	<0.011U	9.8	<540U	<0.29U	<0.044U	<0.16U	-	7.8
Tennis Court	SSHS-B77	10-15	8/14/2014	<0.00034U	<0.16U	<64J	4300	<0.38U	4.6	31	<0.17J	<0.03J	54000	5.8	-	<4J	13	11000	16	20000	330	<0.011U	9.7	510	<0.26U	<0.039U	<0.14U	-	7.1
Tennis Courts	SSHS-B36	0.5-2.5	9/12/2000	-	<0.00106U	-	-	<1.06U	8.98	50.9	<0.532U	<0.532U	-	8.74	-	6.32	24.9	-	14.3	-	-	<0.0532U	13.4	-	0.93	<1.06U	<1.06U	<53.2U	14.5

TABLE 10B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Siet - North Portion
Elmira, New York

					Pesticides																	
				Zinc	4,4-DDE	b-BHC	Chlordane (cis)	Chlordane (trans)	DDD	DDT	Dieldrin	Endosulfan I	Endrin	Endrin aldehyde	1,1-Biphenyl	2-methylnaphthalene	Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Benz(a)anthracene	Benzo(a) pyrene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.79	0.00026	0.00044	0.00034	0.00033	0.00022	0.00025	0.00028	0.00032	0.00033	0.00033	0.0016	0.00034	0.00035	0.00041	0.0015	0.00036	0.00046	0.00037
Restricted Residential SCO				10000	8.9	0.36	4.2		13	7.9	0.2	24	11				100	100		100	1	1
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																			
Tennis Court	SSHS-B14	5-6	5/10/2000	121	<0.0019U	<0.0019U	-	-	<0.0019U	<0.0036U	<0.0019U	<0.0019U	<0.0019U	-	-	-	<0.36U	<0.36U	-	<0.36U	<0.36U	<0.36U
Tennis Court	SSHS-B37	0.5-2.5	9/12/2000	58.3	<0.0018U	<0.0018U	<0.0018U	-	<0.0018U	<0.0034U	<0.0018U	<0.0018U	<0.0018U	<0.0034U	-	<0.34U	<0.34U	<0.34U	-	<0.34U	<0.34U	<0.34U
Tennis Court	SSHS-B37	8-10	9/12/2000	44.8	<0.0018U	<0.0018U	<0.0018U	-	<0.0018U	<0.0035U	<0.0018U	<0.0018U	<0.0018U	<0.0035U	-	<0.35U	<0.35U	<0.35U	-	<0.35U	<0.35U	<0.35U
Tennis Court	SSHS-B38	1-4.5	9/12/2000	77.4	<0.0019U	<0.0019U	<0.0019U	-	<0.0019U	<0.0037U	<0.0019U	<0.0019U	<0.0019U	<0.0037U	-	<1.8U	<1.8U	<1.8U	-	2.2	4.8	4.2
Tennis Court	SSHS-B71	2.5-4.5	8/15/2014	55B	<0.00027U	<0.00047U	<0.00036U	<0.00036U	<0.00024U	<0.00027U	<0.0003U	<0.00034U	<0.00035U	<0.00035U	<0.032U	<0.0096J	<0.0069U	<0.0082U	<0.03U	<0.007U	<0.009U	<0.0072U
Tennis Court	SSHS-B71	6-9.5	8/15/2014	43B	<0.00026U	<0.00045U	<0.00034U	<0.00034U	<0.00023U	<0.00026U	<0.00029U	<0.00033U	<0.00034U	<0.00034U	<0.031U	<0.0062U	<0.0067U	<0.0079U	<0.028U	<0.0068U	<0.0087U	<0.0069U
Tennis Court	SSHS-B72	3-5	8/15/2014	40B	<0.00026U	<0.00045U	<0.00034U	<0.00034U	<0.00023U	<0.00026U	<0.00029U	<0.00032U	<0.00033U	<0.00034U	<0.031U	<0.0063U	<0.0067U	<0.008U	<0.029U	<0.0068U	<0.0087U	<0.007U
Tennis Court	SSHS-B72	6-10	8/15/2014	50J	<0.0003U	<0.00052U	<0.0004U	<0.00039U	<0.00026U	<0.0003U	<0.00033U	<0.00038U	<0.00039U	<0.00039U	<0.036U	<0.0073U	<0.0078U	<0.0093U	<0.033U	<0.008U	<0.01U	<0.0081U
Tennis Court	SSHS-B72	11.5-13.5	8/15/2014	64B	<0.00027U	<0.00046U	<0.00035U	<0.00035U	<0.00023U	<0.00026U	<0.00029U	<0.00033U	<0.00034U	<0.00034U	<0.031U	<0.0063U	<0.0067U	<0.008U	<0.029U	<0.0069U	<0.0088U	<0.007U
Tennis Court	SSHS-B75	2-6	8/14/2014	55B	<0.00028U	<0.00048U	<0.00037U	<0.0019U	<0.0019U	<0.00028U	<0.00031U	<0.00035U	<0.0019U	<0.00036U	<0.034U	<0.013J	<0.0073U	<0.02J	<0.031U	<0.012J	<0.036J	<0.034J
Tennis Court	SSHS-B75	6-10	8/14/2014	54B	<0.00027U	<0.00047U	<0.00036U	<0.00036U	<0.00024U	<0.00027U	<0.0003U	<0.00034U	<0.00035U	<0.00035U	<0.033U	<0.0066U	<0.0071U	<0.0085U	<0.03U	<0.0072U	<0.0093U	<0.0074U
Tennis Court	SSHS-B75	10-15	8/14/2014	42B	<0.00026U	<0.00045U	<0.00035U	<0.00034U	<0.00023U	<0.00026U	<0.00029U	<0.00033U	<0.00034U	<0.00034U	<0.031U	<0.0063U	<0.0067U	<0.008U	<0.029U	<0.0068U	<0.0087U	<0.007U
Tennis Court	SSHS-B76	2-6	8/14/2014	46B	<0.00028U	<0.00049U	<0.00037U	<0.00037U	<0.00025U	<0.00028U	<0.00031U	<0.00035U	<0.00037U	<0.00037U	<0.034U	<0.0068U	<0.0072U	<0.0086U	<0.031U	<0.0074U	<0.0095U	<0.0076U
Tennis Court	SSHS-B76	6-10	8/14/2014	36B	<0.00027U	<0.00046U	<0.00035U	<0.00035U	<0.00023U	<0.00026U	<0.00029U	<0.00033U	<0.00034U	<0.00034U	<0.031U	<0.0063U	<0.0067U	<0.008U	<0.029U	<0.0068U	<0.0088U	<0.007U
Tennis Court	SSHS-B76	10-15	8/14/2014	73B	<0.00027U	<0.00046U	<0.00036U	<0.00035U	<0.00023U	<0.00027U	<0.0003U	<0.00034U	<0.00035U	<0.00035U	<0.032U	<0.0064U	<0.0068U	<0.0082U	<0.029U	<0.007U	<0.0089U	<0.0071U
Tennis Court	SSHS-B77	2-6	8/14/2014	48B	<0.00028U	<0.00047U	<0.00036U	<0.00036U	<0.00024U	<0.00027U	<0.0003U	<0.00034U	<0.00035U	<0.00035U	<0.032U	<0.0065U	<0.0069U	<0.0083U	<0.03U	<0.0071U	<0.009U	<0.0072U
Tennis Court	SSHS-B77	6-10	8/14/2014	43B	<0.00027U	<0.00046U	<0.00035U	<0.00035U	<0.00023U	<0.00026U	<0.00029U	<0.00033U	<0.00034U	<0.00034U	<0.032U	<0.0064U	<0.0068U	<0.0082U	<0.029U	<0.007U	<0.0089U	<0.0071U
Tennis Court	SSHS-B77	10-15	8/14/2014	36B	<0.00026U	<0.00045U	<0.00035U	<0.00034U	<0.00023U	<0.00026U	<0.00029U	<0.00033U	<0.00034U	<0.00034U	<0.031U	<0.0063U	<0.0067U	<0.008U	<0.029U	<0.0068U	<0.0088U	<0.007U
Tennis Courts	SSHS-B36	0.5-2.5	9/12/2000	55.2	<0.0018U	<0.0018U	<0.0018U	-	<0.0018U	<0.0035U	<0.0018U	<0.0018U	<0.0018U	<0.0035U	-	<0.35U	<0.35U	<0.35U	-	<0.35U	<0.35U	<0.35U

TABLE 10B
SUMMARY OF NON-PCB CONSTITUENTS DETECTED IN SUBSURFACE SOILS

Former Sperry Remington Siet - North Portion
Elmira, New York

				SVOCs															
				Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Di-n-butyl phthalate	Di-n-octyl phthalate	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00057	0.00036	0.00073	0.003	0.0025	0.00034	0.00044	0.0004	0.0018	0.0023	0.0019	0.00039	0.00048	0.00037	0.00032	0.0006	0.00037
Restricted Residential SCO				1	100	3.9				3.9	0.33	59			100	100	0.5	100	100	100
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																	
Tennis Court	SSHS-B14	5-6	5/10/2000	<0.36U	<0.36U	<0.36U	-	-	-	<0.36U	<0.36U	<0.36U	-	-	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U
Tennis Court	SSHS-B37	0.5-2.5	9/12/2000	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	0.5	<0.34U	<0.34U	<0.34U	0.41	0.43
Tennis Court	SSHS-B37	8-10	9/12/2000	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	0.37.
Tennis Court	SSHS-B38	1-4.5	9/12/2000	2.7	2.3	3.3	<1.8U	<1.8U	<1.8U	4	<1.8U	<1.8U	<1.8U	<1.8U	11	<1.8U	2.4	<1.8U	5.7	8.4.
Tennis Court	SSHS-B71	2.5-4.5	8/15/2014	<0.011U	<0.0071U	<0.015U	<0.058U	<0.049U	<0.0066U	<0.0086U	<0.008U	<0.035U	<0.045U	<0.038U	<0.015J	<0.0095U	<0.0074U	<0.0062U	<0.013J	<0.013J
Tennis Court	SSHS-B71	6-9.5	8/15/2014	<0.011U	<0.0069U	<0.014U	<0.056U	<0.047U	<0.0064U	<0.0083U	<0.0077U	<0.034U	<0.043U	<0.037U	<0.0074U	<0.0091U	<0.0071U	<0.006U	<0.011U	<0.007U
Tennis Court	SSHS-B72	3-5	8/15/2014	<0.011U	<0.0069U	<0.014U	<0.056U	<0.048U	<0.0064U	<0.0083U	<0.0077U	<0.034U	<0.044U	<0.037U	<0.0074U	<0.0092U	<0.0072U	<0.006U	<0.011U	<0.007U
Tennis Court	SSHS-B72	6-10	8/15/2014	<0.013U	<0.0081U	<0.016U	<0.066U	<0.056U	<0.0075U	<0.0097U	<0.0091U	<0.04U	<0.051U	<0.043U	<0.0087U	<0.011U	<0.0084U	<0.007U	<0.013U	<0.0082U
Tennis Court	SSHS-B72	11.5-13.5	8/15/2014	<0.011U	<0.007U	<0.014U	<0.057U	<0.048U	<0.0065U	<0.0083U	<0.0078U	<0.034U	<0.044U	<0.037U	<0.0075U	<0.0092U	<0.0072U	<0.006U	<0.011U	<0.0071U
Tennis Court	SSHS-B75	2-6	8/14/2014	<0.043J	<0.0075U	<0.016J	<0.061U	<0.052U	<0.007U	<0.036J	<0.0084U	<0.037U	<0.047U	<0.04U	<0.051J	<0.0099U	<0.026J	<0.0065U	<0.034J	<0.045J
Tennis Court	SSHS-B75	6-10	8/14/2014	<0.012U	<0.0074U	<0.015U	<0.06U	<0.05U	<0.0068U	<0.0088U	<0.0082U	<0.036U	<0.046U	<0.039U	<0.0079U	<0.0097U	<0.0076U	<0.0064U	<0.012U	<0.0075U
Tennis Court	SSHS-B75	10-15	8/14/2014	<0.011U	<0.0069U	<0.014U	<0.056U	<0.048U	<0.0064U	<0.0083U	<0.0077U	<0.034U	<0.044U	<0.037U	<0.0074U	<0.0092U	<0.0072U	<0.006U	<0.011U	<0.007U
Tennis Court	SSHS-B76	2-6	8/14/2014	<0.012U	<0.0075U	<0.015U	<0.061U	<0.052U	<0.007U	<0.009U	<0.0084U	<0.037U	<0.047U	<0.04U	<0.0081U	<0.0099U	<0.0078U	<0.0065U	<0.012U	<0.0076U
Tennis Court	SSHS-B76	6-10	8/14/2014	<0.011U	<0.007U	<0.014U	<0.056U	<0.048U	<0.0064U	<0.0083U	<0.0078U	<0.034U	<0.044U	<0.037U	<0.0075U	<0.0092U	<0.0072U	<0.006U	<0.011U	<0.0071U
Tennis Court	SSHS-B76	10-15	8/14/2014	<0.011U	<0.0071U	<0.014U	<0.058U	<0.049U	<0.0066U	<0.0085U	<0.0079U	<0.035U	<0.045U	<0.038U	<0.0076U	<0.0094U	<0.0073U	<0.0061U	<0.011U	<0.0072U
Tennis Court	SSHS-B77	2-6	8/14/2014	<0.011U	<0.0072U	<0.015U	<0.058U	<0.049U	<0.0066U	<0.0086U	<0.008U	<0.035U	<0.045U	<0.038U	<0.0077U	<0.0095U	<0.0074U	<0.0062U	<0.011U	<0.0073U
Tennis Court	SSHS-B77	6-10	8/14/2014	<0.011U	<0.0071U	<0.014U	<0.058U	<0.049U	<0.0066U	<0.0085U	<0.0079U	<0.035U	<0.045U	<0.038U	<0.0076U	<0.0094U	<0.0073U	<0.0061U	<0.011U	<0.0072U
Tennis Court	SSHS-B77	10-15	8/14/2014	<0.011U	<0.007U	<0.014U	<0.056U	<0.048U	<0.0064U	<0.0083U	<0.0078U	<0.034U	<0.044U	<0.037U	<0.0075U	<0.0092U	<0.0072U	<0.006U	<0.011U	<0.0071U
Tennis Courts	SSHS-B36	0.5-2.5	9/12/2000	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U

TABLE 11
SUMMARY OF DETECTED CONSTITUENTS IN GROUNDWATER

Former Sperry Remington Site - North Portion
Elmira, New York

				Location	SSHS-B23	SSHS-B26-A	SSHS-B29-A	SSHS-B510	SSHS-B572	SSHS-B575A	SSHS-B575B	SSHS-B575C	SSHS-B92	SSHS-B93	SSHS-B94	SSHS-B95	SSHS-B96	SSHS-B97	SSHS-B98	SSHS-B99	SSHS-MW10	SSHS-MW1	SSHS-MW11D	SSHS-MW11D	SSHS-MW11S	SSHS-MW11S	SSHS-MW1	SSHS-MW1
				Sample Date	5/9/2000	8/14/2014	8/13/2014	9/20/2016	9/2/2016	9/19/2016	9/19/2016	9/21/2016	8/12/2014	8/12/2014	8/12/2014	8/12/2014	8/12/2014	8/13/2014	8/13/2014	8/13/2014	8/21/2014	9/26/1997	5/20/2003	9/24/2006	5/20/2003	3/23/2016	5/11/2000	7/27/2000
				TOGS 1.1.1																								
Chem_Group	**ChemName**	**Units**	**EQL**																									
	Diesel Range Organics	mg/L	0.18		-	**220**	**130**	**0.2J**	<0.19U	<0.21U	**0.28J**	<0.18U	-	-	-	-	-	-	-	**250**	-	-	-	-	-	-	-	-
	Freon 113	µg/L	0.27	5	-	<0.32U	<8U	**220**	<0.27U	<0.27U	**0.38J**	<0.27U	<0.32U	<0.32U	<0.32U	<0.32U	<0.32U	<0.32U	<0.32U	<0.32U	-	-	<5U	<5U	<5U	-	-	-
	Freon 123A	µg/L			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BTEX	Xylene (m & p)	µg/L	0.27		-	<0.41U	<10U	<2.7U	<0.27U	<0.27U	<0.27U	<0.27U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	-	-	<5U	<5U	<5U	-	-	-
Chlorinated Hydrocarbons	1,1,1-trichloroethane	µg/L	0.22	5	-	<0.29U	<7.2U	<2.2U	<0.22U	<0.22U	<0.22U	<0.22U	<0.29U	<0.29U	<0.29U	<0.29U	<0.29U	<0.29U	<0.29U	<0.29U	-	<0	<5U	<5U	<5U	-	-	-
	1,2-Dichloroethene	µg/L	0.55		-	-	-	**15**	<0.55U	<0.55U	<0.55U	<0.55U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chloroform	µg/L	0.17	7	-	<0.17U	<4.3U	<2.7U	**0.88J**	<0.27U	<0.27U	<0.27U	<0.17U	<0.17U	<1U	<0.17U	<0.17U	<0.17U	<0.17U	<0.17U	-	-	<5U	<5U	<5U	-	-	-
	cis-1,2-dichloroethene	µg/L	0.24	5	**1J**	<0.24U	<5.9U	**15**	<0.29U	<0.29U	<0.29U	<0.29U	**1.8**	<0.24U	<0.25J	<0.24U	<0.24U	<0.24U	<0.24U	<0.24U	-	<0	<5U	<5U	<5U	-	-	-
	Dichloromethane	µg/L	0.13	5	-	<0.13U	<25U	<10U	<0.36U	<0.36U	<0.36U	<0.36U	<0.13U	<0.13U	<0.13U	<0.13U	<0.13U	<0.13U	<0.13U	<0.13U	-	-	<5U	<5U	<5U	-	-	-
	Trichloroethene	µg/L	0.14	5	**2J**	<0.14U	<3.6U	<2.6U	**0.43J**	<0.26U	**0.27J**	<0.26U	**5.6**	<0.37J	**8.9**	<0.37J	<0.14U	<0.14U	<0.14U	<0.14U	-	<0	<5U	<5U	<5U	-	-	-
	Tetrachloroethene	µg/L	0.15	5	-	<0.15U	<3.7U	<2.7U	**0.28J**	**0.29J**	**0.35J**	**0.39J**	<0.17J	<0.3J	<0.22J	<0.3J	<0.23J	<0.15U	<0.18J	<0.15U	-	<0	<5U	<5U	<5U	-	-	-
	Vinyl chloride	µg/L	0.23	2	-	<0.23U	<5.7U	<3.2U	<0.32U	<0.32U	<0.32U	<0.32U	<0.23U	<0.23U	<0.23U	<0.23U	<0.23U	<0.23U	<0.23U	<0.23U	-	<0	<1U	<1U	<1U	-	-	-
Halogenated Hydrocarbons	Dichlorodifluoromethane	µg/L	0.19	5	-	<0.19U	<4.8U	**6.7J**	<0.27U	<0.27U	<0.27U	<0.27U	<0.19U	<0.19U	<0.19U	<0.19U	<0.19U	<0.19U	<0.19U	<0.19U	-	-	-	-	-	-	-	-
Inorganics	Cyanide Total	mg/L			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	Lead	mg/L		0.05	**0.181**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.0721**	-
Metals	Arsenic	mg/L		0.05	**0.025**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.0243**	-
	Barium	mg/L		2	**0.736**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.452**	**0.0969**
	Cadmium	mg/L		0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chromium (III+VI)	mg/L		0.1	**0.0869**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.0442**	-
	Copper	mg/L		1	**0.156**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.137**	-
	Mercury	mg/L		0.0014	**0.00047**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Nickel	mg/L		0.2	**0.144**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.0673**	-
	Selenium	mg/L		0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vanadium	mg/L			**0.0662**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.0617**	-
	Zinc	mg/L		5	**0.39**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.42**	**0.0173**
PAH/Phenols	PAHs (Sum of total)	µg/L			-	**15.99**	<0	-	-	-	-	-	-	-	-	-	-	-	-	**15.92**	-	-	-	-	-	-	-
Polychlorinated Biphenyls	Arochlor 1242	µg/L	0.0018		-	-	<0.0018U	**0.13**	<0.009U	-	-	-	-	-	-	-	-	-	-	<0.0018U	<0.0019U	-	-	-	-	<0.0032U	-	-
	Arochlor 1248	µg/L	0.0023		-	-	**0.049**	<0.0069U	<0.0066U	-	-	-	-	-	-	-	-	-	-	**0.16**	<0.0023U	-	-	-	-	<0.003U	-	-
	Arochlor 1248 (Filtered)	µg/L	0.003		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.003U	-	-
	Arochlor 1254	µg/L	0.0022		-	-	<0.0022U	<0.005U	<0.0048U	-	-	-	-	-	-	-	-	-	-	<0.0022U	<0.0023U	-	-	-	-	<0.0042U	-	-
	Arochlor 1254 (Filtered)	µg/L	0.0042		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0042U	-	-
	Arochlor 1260	µg/L	0.0013		-	-	<0.0013U	<0.0057U	<0.0055U	-	-	-	-	-	-	-	-	-	-	<0.0013U	<0.0014U	-	-	-	-	<0.0027U	-	-
	Arochlor-unspecified	µg/L		0.09	-	-	**0.049**	**0.13**	<0	-	-	-	-	-	-	-	-	-	-	**0.16**	<0	-	-	-	-	<0	-	-
	Arochlor-unspecified (Filtered)	µg/L		0.09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0	-	-
Solvents	Acetone	µg/L	2.5	50	-	<4.7J	**1200**	<25U	<2.5U	<2.5U	**11**	**5.3J**	<5U	**6.8J**	<5U	**6.7J**	<2.5U	**32J**	**40J**	**33J**	-	-	<20U	<20U	<20U	-	-	-
	Carbon disulfide	µg/L	0.18	60	-	<0.21U	<5.3U	<1.8U	<0.18UJ	<0.18U	<0.18U	<0.18U	<0.21U	<0.21U	<0.21U	<0.21U	<0.21U	<1U	<0.21U	<0.21U	-	-	<10U	<10U	<10U	-	-	-
SVOCs	1,1-Biphenyl	µg/L	0.039		-	<0.04U	<0.039U	**0.046J**	<0.11U	<0.043U	<0.04U	<0.041U	-	-	-	-	-	-	-	<0.04U	-	-	-	-	-	-	-	-
	2-methylnaphthalene	µg/L	0.012		-	<0.012UJ	<0.012U	**0.21**	<0.02U	<0.013U	<0.012U	<0.012U	-	-	-	-	-	-	-	<0.012U	-	-	-	-	-	-	-	-
	Acenaphthene	µg/L	0.014	20	-	<0.014U	<0.014U	**0.24**	<0.03U	<0.015U	<0.014U	<0.014U	-	-	-	-	-	-	-	<0.014U	-	-	-	-	-	-	-	-
	Anthracene	µg/L	0.015	50	-	<0.015U	<0.015U	<0.015U	<0.02U	<0.016U	<0.015U	**0.032J**	-	-	-	-	-	-	-	<0.015U	-	-	-	-	-	-	-	-
	Benz(a)anthracene	µg/L	0.014	0.002	-	**3.7**	<0.014U	<0.014U	<0.038U	<0.015U	**0.13J**	**0.073J**	-	-	-	-	-	-	-	**6.1**	-	-	-	-	-	-	-	-
	Benzo(a) pyrene	µg/L	0.013		-	**0.59**	<0.013UJ	<0.013U	<0.029U	<0.014U	<0.013U	**0.057J**	-	-	-	-	-	-	-	**0.87J**	-	-	-	-	-	-	-	-
	Benzo(b)fluoranthene	µg/L	0.015	0.002	-	<0.015U	<0.015UJ	<0.015U	<0.051U	<0.016U	**0.29**	**0.079J**	-	-	-	-	-	-	-	<0.015UJ	-	-	-	-	-	-	-	-
	Benzo(g,h,i)perylene	µg/L	0.014		-	<0.015U	<0.014UJ	<0.015U	<0.03U	<0.016U	**0.21**	**0.091J**	-	-	-	-	-	-	-	**0.45J**	-	-	-	-	-	-	-	-
	Benzo(k)fluoranthene	µg/L	0.031	0.002	-	<0.053U	<0.052UJ	<0.053U	<0.031U	<0.056U	**0.29**	**0.096J**	-	-	-	-	-	-	-	<0.052UJ	-	-	-	-	-	-	-	-
	Bis(2-ethylhexyl) phthalate	µg/L	1.2	5	-	<1.2U	**3.9**	**2.3**	**3.9**	**2.1**	**1.8J**	**9.1**	-	-	-	-	-	-	-	<1.2U	-	-	-	-	-	-	-	-
	Butyl benzyl phthalate	µg/L	0.13	50	-	<0.14UJ	<0.13U	**0.49J**	**0.45J**	**0.74J**	**0.53J**	<0.14U	-	-	-	-	-	-	-	<0.14U	-	-	-	-	-	-	-	-
	Chrysene	µg/L	0.013	0.002	-	**7J**	<0.013U	<0.013U	<0.032U	<0.014U	**0.29**	**0.097J**	-	-	-	-	-	-	-	**7.9**	-	-	-	-	-	-	-	-
	Dibenz(a,h)anthracene	µg/L	0.015		-	<0.015U	<0.015UJ	<0.015U	<0.028U	<0.016U	**0.26**	**0.093J**	-	-	-	-	-	-	-	**0.32J**	-	-	-	-	-	-	-	-
	Dibenzofuran	µg/L	0.058		-	<0.059U	<0.058U	**0.069J**	<0.1U	<0.064U	<0.059U	<0.06U	-	-	-	-	-	-	-	<0.059U	-	-	-	-	-	-	-	-
	Di-n-butyl phthalate	µg/L	0.12	50	**2.2JB**	<0.12U	<0.12U	<0.12U	<0.25U	<0.13U	<0.12U	<0.12U	-	-	-	-	-	-	-	<0.12U	-	-	-	-	-	-	**3.6BJ**	-
	Fluoranthene	µg/L	0.015	50	-	**1.2**	<0.015U	<0.016U	**0.051J**	<0.017U	**0.056J**	**0.028J**	-	-	-	-	-	-	-	<0.015U	-	-	-	-	-	-	-	-
	Fluorene	µg/L	0.02	50	-	<0.021U	<0.02U	**0.3**	<0.025U	<0.022U	<0.021U	**0.027J**	-	-	-	-	-	-	-	<0.021U	-	-	-	-	-	-	-	-
	Indeno(1,2,3-c,d)pyrene	µg/L	0.019	0.002	-	<0.019U	<0.019UJ	<0.019U	<0.045U	<0.021U	<0.019U	**0.08J**	-	-	-	-	-	-	-	**0.28J**	-	-	-	-	-	-	-	-
	Naphthalene	µg/L	0.013	10	-	<0.013U	<0.013U	**0.76**	<0.024U	<0.014U	<0.013U	<0.014U	-	-	-	-	-	-	-	<0.013U	-	-	-	-	-	-	-	-
	Pyrene	µg/L	0.015	50	-	**3.5J**	<0.015U	<0.015U	**0.03J**	<0.016U	**0.11J**	**0.041J**	-	-	-	-	-	-	-	<0.015U	-	-	-	-	-	-	-	-
TPH	C6-C10	mg/L	0.037		-	**0.44J**	**0.3**	-	-	<0.037U	<0.037U	<0.037U	-	-	-	-	-	-	-	**1.6**	-	-	-	-	-	-	-	-

Notes:
J: estimated value
U: non-detect
UJ: approximate method detection limit
mg/L: milligrams per liter
µg/L: micrograms per liter
- : not analyzed
SVOCs: semi-volatile organic compounds
VOCs: volatile organic compounds
TOGS 1.1.1: New York State Department of Environmental Conservation Subpart Technical Operation Guidance Series 1.1.1
ND: non-detection for a case without a reference lower reporting limit
Detections are presented in bold.
Concentrations detected above TOGS 1.1.1 are presented in gray

TABLE 11
SUMMARY OF DETECTED CONSTITUENTS IN GROUNDWATER

Former Sperry Remington Site - North Portion
Elmira, New York

				Location	SSHS-MW1	SSHS-MW12	SSHS-MW12	SSHS-MW12	SSHS-MW12	SSHS-MW12	SSHS-MW12	SSHS-MW12	SSHS-MW12	SSHS-MW12	SSHS-MW12	SSHS-MW12	SSHS-MW12	SSHS-MW13	SSHS-MW15D	SSHS-MW15D	SSHS-MW15D	SSHS-MW15S	SSHS-MW15S	SSHS-MW17	SSHS-MW17	SSHS-MW17	SSHS-MW20
				Sample Date	4/2/2002	12/19/1997	5/17/2000	9/20/2000	4/2/2002	7/23/2002	5/20/2003	9/24/2003	6/1/2004	12/30/2004	6/28/2005	12/28/2005	7/12/2007	8/20/2014	4/29/2003	5/20/2003	9/24/2006	5/20/2003	9/27/2016	5/17/2000	9/20/2000	5/20/2003	5/17/2000
				TOGS 1.1.1																							
Chem_Group	**ChemName**	**Units**	**EQL**																								
	Diesel Range Organics	mg/L	0.18		-	-	-	-	-	-	-	-	-	-	-	-	-	**0.7**	-	-	-	-	-	-	-	-	-
	Freon 113	µg/L	0.27	5	-	-	-	-	-	**30**	**58**	**39**	**160**	**49**	<0	**16**	**6.1**	<0.32U	<30U	<5U	<5U	<5U	-	-	-	<5U	-
	Freon 123A	µg/L			-	-	-	-	-	**6.2**	-	-	-	<0	<0	<0	-	-	-	-	-	-	-	-	-	-	-
BTEX	Xylene (m & p)	µg/L	0.27		-	-	-	-	-	-	<5U	<5U	-	-	-	-	-	<0.41U	**6.2J**	<5U	<5U	<5U	-	-	-	<5U	-
Chlorinated Hydrocarbons	1,1,1-trichloroethane	µg/L	0.22	5	<0	<0	<0	<0	<0	<0	<0U	<0U	<0	<0	<0	<0	<0	<0.29U	<30U	<5U	<5U	<5U	-	-	-	<5U	-
	1,2-Dichloroethene	µg/L	0.55		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chloroform	µg/L	0.17	7	-	-	-	-	-	-	<5U	<5U	-	-	-	-	-	<0.17U	<30U	<5U	<5U	<5U	-	-	-	<5U	-
	cis-1,2-dichloroethene	µg/L	0.24	5	<0	<0	**2 - 9J**	<0	<0	<0	<0U	<0U	<0	<0	<0	**0.82**	<0	<0.24U	<30U	<5U	<5U	<5U	-	-	-	<5U	-
	Dichloromethane	µg/L	0.13	5	-	-	-	-	-	-	<5U	<5U	-	-	<0	<0	<0	<0.13U	<30U	<5U	<5U	<5U	-	-	-	<5U	-
	Trichloroethene	µg/L	0.14	5	<0	<0	**2 - 9J**	<0	<0	**4.2J**	<0U	<0U	**6.8**	<0	**2J**	**1**	**0.96**	<0.14U	<30U	<5U	<5U	<5U	-	**6J**	**4J**	<5U	**2J**
	Tetrachloroethene	µg/L	0.15	5	<0	<0	<0	<0	<0	<0	<0U	<0U	<0	<0	<0	<0	<0	<0.15U	<30U	<5U	<5U	<5U	-	-	-	<5U	-
	Vinyl chloride	µg/L	0.23	2	<0	<0	<0	<0	<0	<0	<0U	<0U	<0	<0	<0	<0	<0	<0.23U	<30U	<1U	<1U	<1U	-	-	-	<1U	-
Halogenated Hydrocarbons	Dichlorodifluoromethane	µg/L	0.19	5	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.19U	-	-	-	-	-	-	-	-	-
Inorganics	Cyanide Total	mg/L			-	-	**0.0000109**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	Lead	mg/L		0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.183**
Metals	Arsenic	mg/L		0.05	-	-	**0.011**	**0.004B**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.0038B**	-	**0.024**
	Barium	mg/L		2	-	-	**0.209**	**0.563**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.127B**	-	**0.461**
	Cadmium	mg/L		0.01	-	-	-	**0.00042B**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chromium (III+VI)	mg/L		0.1	-	-	**0.0129**	**0.0013B**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.0014B**	-	**0.0455**
	Copper	mg/L		1	-	-	**0.0335**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.117**
	Mercury	mg/L		0.0014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.00025**
	Nickel	mg/L		0.2	-	-	-	**0.0055B**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.0692**
	Selenium	mg/L		0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.0057**
	Vanadium	mg/L			-	-	-	**0.0026B**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Zinc	mg/L		5	-	-	**0.0962**	**0.0118B**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.0464**	**0.005B**	-	**0.414**
PAH/Phenols	PAHs (Sum of total)	µg/L			-	-	**5.8**	**1**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls	Arochlor 1242	µg/L	0.0018		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0091U	-	-	-	-	-
	Arochlor 1248	µg/L	0.0023		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.39**	-	-	-	-	-
	Arochlor 1248 (Filtered)	µg/L	0.003		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.53**	-	-	-	-	-
	Arochlor 1254	µg/L	0.0022		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.079**	-	-	-	-	-
	Arochlor 1254 (Filtered)	µg/L	0.0042		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.064**	-	-	-	-	-
	Arochlor 1260	µg/L	0.0013		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.011**	-	-	-	-	-
	Arochlor-unspecified	µg/L		0.09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.48**	-	-	-	-	-
	Arochlor-unspecified (Filtered)	µg/L		0.09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.594**	-	-	-	-	-
Solvents	Acetone	µg/L	2.5	50	-	-	-	-	-	-	<20U	-	-	-	<0	<0	<0	<2.5U	**440**	<20U	<20U	<20U	-	-	-	<20U	-
	Carbon disulfide	µg/L	0.18	60	-	-	-	-	-	-	<10U	<10U	-	-	-	-	-	<0.21U	**31J**	<10U	<10U	<10U	-	-	-	<10U	-
SVOCs	1,1-Biphenyl	µg/L	0.039		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2-methylnaphthalene	µg/L	0.012		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Acenaphthene	µg/L	0.014	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Anthracene	µg/L	0.015	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Benz(a)anthracene	µg/L	0.014	0.002	-	-	**1.2J**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Benzo(a) pyrene	µg/L	0.013		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Benzo(b)fluoranthene	µg/L	0.015	0.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Benzo(g,h,i)perylene	µg/L	0.014		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Benzo(k)fluoranthene	µg/L	0.031	0.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Bis(2-ethylhexyl) phthalate	µg/L	1.2	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Butyl benzyl phthalate	µg/L	0.13	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chrysene	µg/L	0.013	0.002	-	-	**2.8J**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Dibenz(a,h)anthracene	µg/L	0.015		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Dibenzofuran	µg/L	0.058		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Di-n-butyl phthalate	µg/L	0.12	50	-	-	**3.2JB**	**2JB**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**3.1JB**	**2JB**	-	**2.2JB**
	Fluoranthene	µg/L	0.015	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Fluorene	µg/L	0.02	50	-	-	-	**1J**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Indeno(1,2,3-c,d)pyrene	µg/L	0.019	0.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Naphthalene	µg/L	0.013	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pyrene	µg/L	0.015	50	-	-	**1.8J**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPH	C6-C10	mg/L	0.037		-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1U	-	-	-	-	-	-	-	-	-

Notes:
J: estimated value
U: non-detect
UJ: approximate method detection limit
mg/L: milligrams per liter
µg/L: micrograms per liter
- : not analyzed
SVOCs: semi-volatile organic compounds
VOCs: volatile organic compounds
TOGS 1.1.1: New York State Department of Environmental Conservation Subpart Technical Operation Guidance
ND: non-detection for a case without a reference lower reporting limit
Detections are presented in bold.
Concentrations detected above TOGS 1.1.1 are presented in gray

TABLE 11
SUMMARY OF DETECTED CONSTITUENTS IN GROUNDWATER

Former Sperry Remington Site - North Portion
Elmira, New York

					Location	SSHS-MW20	SSHS-MW2	SSHS-MW2	SSHS-MW22	SSHS-MW30	SSHS-MW30	SSHS-MW30	SSHS-MW30	SSHS-MW30	SSHS-MW30	SSHS-MW30	SSHS-MW30	SSHS-MW30	SSHS-MW30	SSHS-MW30	SSHS-MW30	SSHS-MW31	SSHS-MW31	SSHS-MW3	SSHS-MW3	SSHS-MW32	SSHS-MW32	SSHS-MW33	SSHS-MW34
					Sample Date	9/20/2000	9/26/1997	4/2/2002	5/20/2003	4/2/2002	6/19/2002	7/23/2002	5/20/2003	9/24/2003	6/1/2004	12/30/2004	6/28/2005	12/28/2005	5/25/2006	7/12/2007	8/21/2014	5/20/2003	3/22/2016	9/26/1997	4/2/2002	3/26/2008	3/21/2016	3/23/2016	8/22/2014
				TOGS 1.1.1																									
Chem_Group	**ChemName**	**Units**	**EQL**																										
	Diesel Range Organics	mg/L	0.18		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**2.6 - 13J**	-	-	-	-	-	-	-	-
	Freon 113	µg/L	0.27	5	-	-	-	<5U	**5.8**	**21,000J**	**3100**	**2700 - 2800E**	**2300 - 2400E**	**2200**	**1200**	<0	**1400**	-	**2100**	**180 - 250**	<5U	-	-	-	-	-	-	-
	Freon 123A	µg/L			-	-	-	-	-	**21,000J**	**920**	-	-	-	<0	<0	<0	-	-	-	-	-	-	-	-	-	-	-
BTEX	Xylene (m & p)	µg/L	0.27		-	-	-	<5U	-	-	-	<5U	<5U	-	-	-	-	-	-	<2U	<5U	-	-	-	-	-	-	-
Chlorinated Hydrocarbons	1,1,1-trichloroethane	µg/L	0.22	5	-	<0	<0	<5U	**4.7**	**13**	<0	**<100 - 10U**	<5U	<0	<0	<0	**5**	<30	**6**	<1.4U	<5U	-	<0	<0	-	-	-	-
	1,2-Dichloroethene	µg/L	0.55		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chloroform	µg/L	0.17	7	-	-	-	<5U	-	-	-	<5U	<5U	-	-	-	-	-	-	<0.85U	<5U	-	-	-	-	-	-	-
	cis-1,2-dichloroethene	µg/L	0.24	5	-	<0	<0	<5U	**631.8**	**940**	**670**	**740 - 770E**	**360 - 430E**	**320**	**230**	**200**	**520**	**500**	**550**	**240 - 350E**	<5U	-	<0	<0	-	-	-	-
	Dichloromethane	µg/L	0.13	5	-	-	-	<5U	-	-	-	<5U	<5U	-	-	**20**	**120**	<30	<0	<1.6U	<5U	-	-	-	-	-	-	-
	Trichloroethene	µg/L	0.14	5	-	<0	<0	<5U	**58.6**	**79**	**78J**	**<100 - 92U**	**<100 - 88U**	**59**	**57**	**35**	**87**	**50**	**61**	**17 - 24**	<5U	-	<0	<0	-	-	-	-
	Tetrachloroethene	µg/L	0.15	5	-	<0	<0	<5U	**52.8**	-	**70J**	**<100 - 90U**	**<100 - 84U**	**60**	**55**	**35**	**60**	**42**	**51**	**24 - 27**	<5U	-	<0	<0	-	-	-	-
	Vinyl chloride	µg/L	0.23	2	-	<0	<0	<1U	<0	-	<0	**<20 - 1U**	<0U	<0	<0	<0	<0	<20	**0.87**	<1.1U	<1U	-	<0	<0	-	-	-	-
Halogenated Hydrocarbons	Dichlorodifluoromethane	µg/L	0.19	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.96U	-	-	-	-	-	-	-	-
Inorganics	Cyanide Total	mg/L			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	Lead	mg/L		0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Metals	Arsenic	mg/L		0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Barium	mg/L		2	**0.153B**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Cadmium	mg/L		0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chromium (III+VI)	mg/L		0.1	**0.0029B**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Copper	mg/L		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mercury	mg/L		0.0014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Nickel	mg/L		0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Selenium	mg/L		0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vanadium	mg/L			**0.0025B**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Zinc	mg/L		5	**0.0228**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PAH/Phenols	PAHs (Sum of total)	µg/L			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls	Arochlor 1242	µg/L	0.0018		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0032U	-	-	-	<0.0032U	<0.0032U	<0.0094U
	Arochlor 1248	µg/L	0.0023		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.003U	-	-	<0	<0.003U	**0.0089J**	**1.4**
	Arochlor 1248 (Filtered)	µg/L	0.003		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.003U	-	-	-	<0.003U	<0.003U	-
	Arochlor 1254	µg/L	0.0022		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0042U	-	-	<0	<0.0042U	<0.0042U	<0.012U
	Arochlor 1254 (Filtered)	µg/L	0.0042		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0042U	-	-	-	<0.0042U	<0.0042U	-
	Arochlor 1260	µg/L	0.0013		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0027U	-	-	<0	<0.0027U	<0.0027U	<0.0068U
	Arochlor-unspecified	µg/L		0.09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0	-	-	<0	<0	**0.0089**	**1.4**
	Arochlor-unspecified (Filtered)	µg/L		0.09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0	-	-	-	<0	<0	-
Solvents	Acetone	µg/L	2.5	50	-	-	-	<20U	-	-	-	**<400 - 97U**	**<400 - 76U**	-	-	**84**	<0	<30	<0	<14J	<20U	-	-	-	-	-	-	-
	Carbon disulfide	µg/L	0.18	60	-	-	-	<10U	-	-	-	<10U	<10U	-	-	-	-	-	-	<1.1U	<10U	-	-	-	-	-	-	-
SVOCs	1,1-Biphenyl	µg/L	0.039		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2-methylnaphthalene	µg/L	0.012		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Acenaphthene	µg/L	0.014	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Anthracene	µg/L	0.015	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Benz(a)anthracene	µg/L	0.014	0.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Benzo(a) pyrene	µg/L	0.013		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Benzo(b)fluoranthene	µg/L	0.015	0.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Benzo(g,h,i)perylene	µg/L	0.014		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Benzo(k)fluoranthene	µg/L	0.031	0.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Bis(2-ethylhexyl) phthalate	µg/L	1.2	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Butyl benzyl phthalate	µg/L	0.13	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chrysene	µg/L	0.013	0.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Dibenz(a,h)anthracene	µg/L	0.015		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Dibenzofuran	µg/L	0.058		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Di-n-butyl phthalate	µg/L	0.12	50	**2JB**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Fluoranthene	µg/L	0.015	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Fluorene	µg/L	0.02	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Indeno(1,2,3-c,d)pyrene	µg/L	0.019	0.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Naphthalene	µg/L	0.013	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pyrene	µg/L	0.015	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPH	C6-C10	mg/L	0.037		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1U	-	-	-	-	-	-	-	-

Notes:
J: estimated value
U: non-detect
UJ: approximate method detection limit
mg/L: milligrams per liter
µg/L: micrograms per liter
- : not analyzed
SVOCs: semi-volatile organic compounds
VOCs: volatile organic compounds
TOGS 1.1.1: New York State Department of Environmental Conservation Subpart Technical Operation Guidance
ND: non-detection for a case without a reference lower reporting limit
Detections are presented in bold.
Concentrations detected above TOGS 1.1.1 are presented in gray

TABLE 11
SUMMARY OF DETECTED CONSTITUENTS IN GROUNDWATER

Former Sperry Remington Site - North Portion
Elmira, New York

				Location	SSHS-MW34	SSHS-MW36	SSHS-MW38	SSHS-MW38	SSHS-MW39	SSHS-MW41	SSHS-MW41	SSHS-MW41	SSHS-MW4	SSHS-MW4	SSHS-MW4	SSHS-MW4	SSHS-MW4	SSHS-MW4	SSHS-MW4	SSHS-MW42	SSHS-MW43	SSHS-MW44	SSHS-MW46	SSHS-MW47	SSHS-MW5	SSHS-MW5	SSHS-MW5	SSHS-MW5
				Sample Date	3/23/2016	3/23/2016	8/21/2014	3/23/2016	3/23/2016	3/26/2008	8/22/2014	3/23/2016	9/26/1997	5/17/2000	9/20/2000	7/23/2002	6/28/2005	5/20/2006	3/26/2008	3/23/2016	3/23/2016	3/23/2016	9/27/2016	9/26/2016	9/26/1997	12/19/1997	5/16/2000	9/20/2000
				TOGS 1.1.1																								
Chem_Group	**ChemName**	**Units**	**EQL**																									
	Diesel Range Organics	mg/L	0.18		-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0	-	-	-	-	-	-	-	-	-
	Freon 113	µg/L	0.27	5	-	-	-	-	-	-	-	-	-	-	-	<0	<0	<5U	-	-	-	-	-	<0.27U	-	-	-	-
	Freon 123A	µg/L			-	-	-	-	-	-	-	-	-	-	-	-	<0	-	-	-	-	-	-	-	-	-	-	-
BTEX	Xylene (m & p)	µg/L	0.27		-	-	-	-	-	<0	-	-	-	-	-	-	-	<5U	-	-	-	-	-	<0.27U	-	-	-	-
Chlorinated Hydrocarbons	1,1,1-trichloroethane	µg/L	0.22	5	-	-	-	-	-	<0	-	-	<0	<0	<0	<0	<0	<5U	-	-	-	-	-	<0.22U	<0	<0	<0	<0
	1,2-Dichloroethene	µg/L	0.55		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**2.8**	-	-	-	-
	Chloroform	µg/L	0.17	7	-	-	-	-	-	<0	-	-	-	-	-	-	-	<5U	-	-	-	-	-	<0.27U	-	-	-	-
	cis-1,2-dichloroethene	µg/L	0.24	5	-	-	-	-	-	<0	-	-	<0	**1J**	<0	<0	<0	<5U	-	-	-	-	-	**2.8**	**180**	<0	**140**	**170**
	Dichloromethane	µg/L	0.13	5	-	-	-	-	-	<0	-	-	-	-	-	-	<0	<5U	-	-	-	-	-	<0.36U	-	-	-	-
	Trichloroethene	µg/L	0.14	5	-	-	-	-	-	<0	-	-	<0	**<0 - 1J**	<0	**1.4J**	<0	<5U	-	-	-	-	-	**3.9**	<0	**550**	<0	<0
	Tetrachloroethene	µg/L	0.15	5	-	-	-	-	-	<0	-	-	<0	<0	<0	<0	<0	<5U	-	-	-	-	-	**0.29J**	<0	<0	<0	<0
	Vinyl chloride	µg/L	0.23	2	-	-	-	-	-	<0	-	-	<0	<0	<0	<0	<0	<1U	-	-	-	-	-	<0.32U	**63**	<0	**61**	**66**
Halogenated Hydrocarbons	Dichlorodifluoromethane	µg/L	0.19	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.27U	-	-	-	-
Inorganics	Cyanide Total	mg/L			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.0000108**
Lead	Lead	mg/L		0.05	-	-	-	-	-	-	-	-	-	-	**0.0051**	-	-	-	-	-	-	-	-	-	-	-	-	-
Metals	Arsenic	mg/L		0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.0058B**
	Barium	mg/L		2	-	-	-	-	-	-	-	-	-	-	**0.145B**	-	-	-	-	-	-	-	-	-	-	-	-	**0.143B**
	Cadmium	mg/L		0.01	-	-	-	-	-	-	-	-	-	-	**0.0012B**	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chromium (III+VI)	mg/L		0.1	-	-	-	-	-	-	-	-	-	-	**0.0068B**	-	-	-	-	-	-	-	-	-	-	-	-	**0.00082B**
	Copper	mg/L		1	-	-	-	-	-	-	-	-	-	-	**0.0154B**	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mercury	mg/L		0.0014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Nickel	mg/L		0.2	-	-	-	-	-	-	-	-	-	-	**0.0073B**	-	-	-	-	-	-	-	-	-	-	-	-	-
	Selenium	mg/L		0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vanadium	mg/L			-	-	-	-	-	-	-	-	-	-	**0.008B**	-	-	-	-	-	-	-	-	-	-	-	-	-
	Zinc	mg/L		5	-	-	-	-	-	-	-	-	-	-	**0.09**	-	-	-	-	-	-	-	-	-	-	-	**0.0214**	**0.0067B**
PAH/Phenols	PAHs (Sum of total)	µg/L			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls	Arochlor 1242	µg/L	0.0018		<0.0032U	<0.0032U	<0.0019U	<0.0032U	<0.0032U	-	<0.093U	<0.032U	-	-	-	-	-	-	-	<0.0032U	<0.0032U	<0.0032U	<0.0093U	-	-	-	-	-
	Arochlor 1248	µg/L	0.0023		**1.1**	<0.003U	<0.0023U	<0.003U	**0.043**	**120**	**23**	**17**	-	-	-	-	-	-	-	<0.003UJ	<0.003U	<0.003U	<0.0069U	-	-	-	-	-
	Arochlor 1248 (Filtered)	µg/L	0.003		**0.34**	<0.003U	-	<0.003U	**0.015**	-	-	**2**	-	-	-	-	-	-	-	**0.018J**	<0.003U	<0.003U	<0.0067U	-	-	-	-	-
	Arochlor 1254	µg/L	0.0022		<0.0042U	<0.0042U	<0.0023U	<0.0042U	<0.0042U	<0	<0.11U	<0.042U	-	-	-	-	-	-	-	<0.0042U	<0.0042U	<0.0042U	<0.005U	-	-	-	-	-
	Arochlor 1254 (Filtered)	µg/L	0.0042		<0.0042U	<0.0042U	-	<0.0042U	<0.0042U	-	-	<0.0042U	-	-	-	-	-	-	-	<0.0042U	<0.0042U	<0.0042U	<0.0048U	-	-	-	-	-
	Arochlor 1260	µg/L	0.0013		<0.0027U	<0.0027U	<0.0014U	<0.0027U	<0.0027U	<0	<0.068U	<0.027U	-	-	-	-	-	-	-	<0.0027U	<0.0027U	<0.0027U	<0.0057U	-	-	-	-	-
	Arochlor-unspecified	µg/L		0.09	**1.1**	<0	<0	<0	**0.043**	**120**	**23**	**17**	-	-	-	-	-	-	-	<0	<0	<0	<0	-	-	-	-	-
	Arochlor-unspecified (Filtered)	µg/L		0.09	**0.34**	<0	-	<0	**0.015**	-	-	**2**	-	-	-	-	-	-	-	**0.018**	<0	<0	<0	-	-	-	-	-
Solvents	Acetone	µg/L	2.5	50	-	-	-	-	-	<0	-	-	-	-	-	-	<0	<20U	-	-	-	-	-	<5U	-	-	-	-
	Carbon disulfide	µg/L	0.18	60	-	-	-	-	-	<0	-	-	-	-	-	-	-	<10U	-	-	-	-	-	<0.18U	-	-	-	-
SVOCs	1,1-Biphenyl	µg/L	0.039		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2-methylnaphthalene	µg/L	0.012		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Acenaphthene	µg/L	0.014	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Anthracene	µg/L	0.015	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Benz(a)anthracene	µg/L	0.014	0.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Benzo(a) pyrene	µg/L	0.013		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Benzo(b)fluoranthene	µg/L	0.015	0.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Benzo(g,h,i)perylene	µg/L	0.014		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Benzo(k)fluoranthene	µg/L	0.031	0.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Bis(2-ethylhexyl) phthalate	µg/L	1.2	5	-	-	-	-	-	-	-	-	-	**1.2J**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Butyl benzyl phthalate	µg/L	0.13	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chrysene	µg/L	0.013	0.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Dibenz(a,h)anthracene	µg/L	0.015		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Dibenzofuran	µg/L	0.058		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Di-n-butyl phthalate	µg/L	0.12	50	-	-	-	-	-	-	-	-	-	**3.4JB**	**2JB**	-	-	-	-	-	-	-	-	-	-	-	**2.2JB**	**1JB**
	Fluoranthene	µg/L	0.015	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Fluorene	µg/L	0.02	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Indeno(1,2,3-c,d)pyrene	µg/L	0.019	0.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Naphthalene	µg/L	0.013	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pyrene	µg/L	0.015	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPH	C6-C10	mg/L	0.037		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
J: estimated value
U: non-detect
UJ: approximate method detection limit
mg/L: milligrams per liter
µg/L: micrograms per liter
- : not analyzed
SVOCs: semi-volatile organic compounds
VOCs: volatile organic compounds
TOGS 1.1.1: New York State Department of Environmental Conservation Subpart Technical Operation Guidance
ND: non-detection for a case without a reference lower reporting limit
Detections are presented in bold.
Concentrations detected above TOGS 1.1.1 are presented in gray

TABLE 11
SUMMARY OF DETECTED CONSTITUENTS IN GROUNDWATER

Former Sperry Remington Site - North Portion
Elmira, New York

				Location	SSHS-MW5	SSHS-MW5	SSHS-MW5	SSHS-MW5	SSHS-MW5	SSHS-MW5	SSHS-MW5	SSHS-MW5	SSHS-MW5	SSHS-MW5	SSHS-MW7	SSHS-MW7	SSHS-MW7	SSHS-MW8S	SSHS-MW8S	SSHS-MW8S	SSHS-MW8S	SSHS-MW8S	SSHS-MW8S	SSHS-MW8S	SSHS-MW8S	SSHS-MW8S	SSHS-MW8S	SSHS-MW8S
				Sample Date	4/2/2002	7/23/2002	5/20/2003	9/24/2003	6/1/2004	12/30/2004	6/28/2005	12/28/2005	5/25/2006	7/12/2007	5/20/2003	6/28/2005	12/28/2005	4/2/2002	6/19/2002	7/23/2002	5/20/2003	9/24/2003	6/1/2004	12/30/2004	6/28/2005	12/28/2005	5/25/2006	7/12/2007
				TOGS 1.1.1																							
Chem_Group	**ChemName**	**Units**	**EQL**																								
	Diesel Range Organics	mg/L	0.18		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Freon 113	µg/L	0.27	5	-	<0	<0U	**35**	<0	<0	<0	**5**	-	<0	<5U	<0	<0	-	**14,000J**	**1900**	**1300**	**960 - 980E**	**700**	**330**	<0	**890**	-	**670**
	Freon 123A	µg/L			-	<0	-	-	-	<0	<0	-	-	-	-	<0	<0	-	**14,000J**	**415**	-	-	-	<0	<0	<0	-	-
BTEX	Xylene (m & p)	µg/L	0.27		-	-	<10U	<5U	-	-	-	-	-	-	<5U	-	-	-	-	-	<100U	<10U	-	-	-	-	-	-
Chlorinated Hydrocarbons	1,1,1-trichloroethane	µg/L	0.22	5	<0	<0	<0U	<0U	<0	<0	<0	<0	<0	<0	<5U	<0	<0	**2.1**	-	<0	<0U	<0U	<0	<0	<0	**1.8**	<300	**0.55**
	1,2-Dichloroethene	µg/L	0.55		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chloroform	µg/L	0.17	7	-	-	<10U	<5U	-	-	-	-	-	-	<5U	-	-	-	-	-	<100U	<10U	-	-	-	-	-	-
	cis-1,2-dichloroethene	µg/L	0.24	5	<0	**380**	**310**	<0U	**190**	**170**	**110**	**48**	**91**	**36**	<5U	<0	<0	**461.9**	**2500**	**3000**	**2900**	**2800 - 3000E**	**4800**	**3200**	**220**	**2900**	**4300**	**470**
	Dichloromethane	µg/L	0.13	5	-	-	<10U	<5U	-	-	**2J**	-	<0	<0	<5U	**2J**	<0	-	-	-	<100U	<10U	-	-	**2J**	**880**	<300	<0
	Trichloroethene	µg/L	0.14	5	<0	<0	<0U	<0U	<0	<0	<0	<0	<0	<0	<5U	<0	<0	<0	**9**	<0	<0U	<0U	<0	<0	**3J**	**8.6**	<300	**5.8**
	Tetrachloroethene	µg/L	0.15	5	<0	<0	<0U	<0U	<0	<0	<0	<0	<0	<0	<5U	<0	<0	<0	**13**	<0	<0U	**<100 - 10U**	<0	<0	**2J**	**11**	<300	**4.2**
	Vinyl chloride	µg/L	0.23	2	<0	**88**	**86**	<0U	**78**	**71**	**36**	**18**	**35**	**27**	<1U	<0	<0	<0	-	<0	<0U	<0U	<0	<0	<0	<0	<200	<0
Halogenated Hydrocarbons	Dichlorodifluoromethane	µg/L	0.19	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inorganics	Cyanide Total	mg/L			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	Lead	mg/L		0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Metals	Arsenic	mg/L		0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Barium	mg/L		2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Cadmium	mg/L		0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chromium (III+VI)	mg/L		0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Copper	mg/L		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mercury	mg/L		0.0014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Nickel	mg/L		0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Selenium	mg/L		0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vanadium	mg/L			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Zinc	mg/L		5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PAH/Phenols	PAHs (Sum of total)	µg/L			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls	Arochlor 1242	µg/L	0.0018		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Arochlor 1248	µg/L	0.0023		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Arochlor 1248 (Filtered)	µg/L	0.003		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Arochlor 1254	µg/L	0.0022		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Arochlor 1254 (Filtered)	µg/L	0.0042		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Arochlor 1260	µg/L	0.0013		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Arochlor-unspecified	µg/L		0.09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Arochlor-unspecified (Filtered)	µg/L		0.09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Solvents	Acetone	µg/L	2.5	50	-	-	<40U	<20U	-	-	**11**	-	<0	<0	<20U	<0	<0	-	-	-	<400U	<40U	-	-	**72**	<0	<300	<0
	Carbon disulfide	µg/L	0.18	60	-	-	<20U	<10U	-	-	-	-	-	-	<10U	-	-	-	-	-	<200U	<20U	-	-	-	-	-	-
SVOCs	1,1-Biphenyl	µg/L	0.039		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2-methylnaphthalene	µg/L	0.012		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Acenaphthene	µg/L	0.014	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Anthracene	µg/L	0.015	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Benz(a)anthracene	µg/L	0.014	0.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Benzo(a) pyrene	µg/L	0.013		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Benzo(b)fluoranthene	µg/L	0.015	0.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Benzo(g,h,i)perylene	µg/L	0.014		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Benzo(k)fluoranthene	µg/L	0.031	0.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Bis(2-ethylhexyl) phthalate	µg/L	1.2	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Butyl benzyl phthalate	µg/L	0.13	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chrysene	µg/L	0.013	0.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Dibenz(a,h)anthracene	µg/L	0.015		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Dibenzofuran	µg/L	0.058		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Di-n-butyl phthalate	µg/L	0.12	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Fluoranthene	µg/L	0.015	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Fluorene	µg/L	0.02	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Indeno(1,2,3-c,d)pyrene	µg/L	0.019	0.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Naphthalene	µg/L	0.013	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pyrene	µg/L	0.015	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPH	C6-C10	mg/L	0.037		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
J: estimated value
U: non-detect
UJ: approximate method detection limit
mg/L: milligrams per liter
µg/L: micrograms per liter
- : not analyzed
SVOCs: semi-volatile organic compounds
VOCs: volatile organic compounds
TOGS 1.1.1: New York State Department of Environmental Conservation Subpart Technical Operation Guidance
ND: non-detection for a case without a reference lower reporting limit
Detections are presented in bold.
Concentrations detected above TOGS 1.1.1 are presented in gray

TABLE 11
SUMMARY OF DETECTED CONSTITUENTS IN GROUNDWATER

Former Sperry Remington Site - North Portion
Elmira, New York

					Location	SSHS-MW8S	SSHS-MW8S	SSHS-MW9	SSHS-MW9	SSHS-MWD	SSHS-MWD	SSHS-MWD	SSHS-MWD	SSHS-MWD	SSHS-MWD	SSHS-MWD	SSHS-SB1	SSHS-SB2
					Sample Date	8/20/2014	3/22/2016	5/20/2003	3/21/2016	5/5/2003	5/20/2003	9/24/2003	6/1/2004	12/30/2004	12/28/2005	7/12/2007	4/28/2003	4/28/2003
				TOGS 1.1.1														
Chem_Group	**ChemName**	**Units**	**EQL**															
	Diesel Range Organics	mg/L	0.18		**1.2**	-	-	-	-	-	-	-	-	-	-	-	-	-
	Freon 113	µg/L	0.27	5	**<1.7 - 1.8J**	-	**5.4**	-	**340 - 3400E**	**310 - 370E**	**35**	**28**	**22**	**2.4**	**2.3**	**30J**	**12J**
	Freon 123A	µg/L			-	-	-	-	-	-	-	-	<0	<0	-	-	-
BTEX	Xylene (m & p)	µg/L	0.27		<0.41U	-	<5U	-	**<10 - 3.3J**	<5U	<5U	-	-	-	-	<50U	<50U
Chlorinated Hydrocarbons	1,1,1-trichloroethane	µg/L	0.22	5	<0.29U	-	<5U	-	<0U	<0U	<0U	<0	<0	<0	<0	<50U	<50U
	1,2-Dichloroethene	µg/L	0.55		-	-	-	-	-	-	-	-	-	-	-	-	-
	Chloroform	µg/L	0.17	7	<0.17U	-	<5U	-	<5U	<5U	<5U	-	-	-	-	<50U	<50U
	cis-1,2-dichloroethene	µg/L	0.24	5	**77 - 81E**	-	<5U	-	**17 - 1300**	**86 - 99**	<0U	<0	<0	<0	**1**	<50U	<50U
	Dichloromethane	µg/L	0.13	5	<0.13J	-	<5U	-	<5U	<5U	<5U	-	-	<0	<0	<50U	<50U
	Trichloroethene	µg/L	0.14	5	<0.57J	-	<5U	-	<0U	<0U	<0U	<0	<0	**0.52**	**0.53**	<50U	<50U
	Tetrachloroethene	µg/L	0.15	5	**<1.2 - 1.3J**	-	<5U	-	**<0 - 50J**	<0U	<0U	<0	<0	**0.37**	<0	<50U	<50U
	Vinyl chloride	µg/L	0.23	2	**<1.2 - 1.6J**	-	<1U	-	<0U	<0U	<0U	<0	<0	<0	<0	<10U	<10U
Halogenated Hydrocarbons	Dichlorodifluoromethane	µg/L	0.19	5	<0.19U	-	-	-	-	-	-	-	-	-	-	-	-
Inorganics	Cyanide Total	mg/L			-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	Lead	mg/L		0.05	-	-	-	-	-	-	-	-	-	-	-	-	-
Metals	Arsenic	mg/L		0.05	-	-	-	-	-	-	-	-	-	-	-	-	-
	Barium	mg/L		2	-	-	-	-	-	-	-	-	-	-	-	-	-
	Cadmium	mg/L		0.01	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chromium (III+VI)	mg/L		0.1	-	-	-	-	-	-	-	-	-	-	-	-	-
	Copper	mg/L		1	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mercury	mg/L		0.0014	-	-	-	-	-	-	-	-	-	-	-	-	-
	Nickel	mg/L		0.2	-	-	-	-	-	-	-	-	-	-	-	-	-
	Selenium	mg/L		0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vanadium	mg/L			-	-	-	-	-	-	-	-	-	-	-	-	-
	Zinc	mg/L		5	-	-	-	-	-	-	-	-	-	-	-	-	-
PAH/Phenols	PAHs (Sum of total)	µg/L			-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls	Arochlor 1242	µg/L	0.0018		-	<0.0032U	-	<0.0032U	-	-	-	-	-	-	-	-	-
	Arochlor 1248	µg/L	0.0023		-	<0.003U	-	<0.003U	-	-	-	-	-	-	-	-	-
	Arochlor 1248 (Filtered)	µg/L	0.003		-	<0.003U	-	<0.003U	-	-	-	-	-	-	-	-	-
	Arochlor 1254	µg/L	0.0022		-	<0.0042U	-	<0.0042U	-	-	-	-	-	-	-	-	-
	Arochlor 1254 (Filtered)	µg/L	0.0042		-	<0.0042U	-	<0.0042U	-	-	-	-	-	-	-	-	-
	Arochlor 1260	µg/L	0.0013		-	<0.0027U	-	<0.0027U	-	-	-	-	-	-	-	-	-
	Arochlor-unspecified	µg/L		0.09	-	<0	-	<0	-	-	-	-	-	-	-	-	-
	Arochlor-unspecified (Filtered)	µg/L		0.09	-	<0	-	<0	-	-	-	-	-	-	-	-	-
Solvents	Acetone	µg/L	2.5	50	<2.5U	-	<20U	-	<20U	<20U	<20U	-	-	<0	<0	<200U	**65J**
	Carbon disulfide	µg/L	0.18	60	<0.21U	-	<10U	-	<10U	<10U	<10U	-	-	-	-	<100U	<100U
SVOCs	1,1-Biphenyl	µg/L	0.039		-	-	-	-	-	-	-	-	-	-	-	-	-
	2-methylnaphthalene	µg/L	0.012		-	-	-	-	-	-	-	-	-	-	-	-	-
	Acenaphthene	µg/L	0.014	20	-	-	-	-	-	-	-	-	-	-	-	-	-
	Anthracene	µg/L	0.015	50	-	-	-	-	-	-	-	-	-	-	-	-	-
	Benz(a)anthracene	µg/L	0.014	0.002	-	-	-	-	-	-	-	-	-	-	-	-	-
	Benzo(a) pyrene	µg/L	0.013		-	-	-	-	-	-	-	-	-	-	-	-	-
	Benzo(b)fluoranthene	µg/L	0.015	0.002	-	-	-	-	-	-	-	-	-	-	-	-	-
	Benzo(g,h,i)perylene	µg/L	0.014		-	-	-	-	-	-	-	-	-	-	-	-	-
	Benzo(k)fluoranthene	µg/L	0.031	0.002	-	-	-	-	-	-	-	-	-	-	-	-	-
	Bis(2-ethylhexyl) phthalate	µg/L	1.2	5	-	-	-	-	-	-	-	-	-	-	-	-	-
	Butyl benzyl phthalate	µg/L	0.13	50	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chrysene	µg/L	0.013	0.002	-	-	-	-	-	-	-	-	-	-	-	-	-
	Dibenz(a,h)anthracene	µg/L	0.015		-	-	-	-	-	-	-	-	-	-	-	-	-
	Dibenzofuran	µg/L	0.058		-	-	-	-	-	-	-	-	-	-	-	-	-
	Di-n-butyl phthalate	µg/L	0.12	50	-	-	-	-	-	-	-	-	-	-	-	-	-
	Fluoranthene	µg/L	0.015	50	-	-	-	-	-	-	-	-	-	-	-	-	-
	Fluorene	µg/L	0.02	50	-	-	-	-	-	-	-	-	-	-	-	-	-
	Indeno(1,2,3-c,d)pyrene	µg/L	0.019	0.002	-	-	-	-	-	-	-	-	-	-	-	-	-
	Naphthalene	µg/L	0.013	10	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pyrene	µg/L	0.015	50	-	-	-	-	-	-	-	-	-	-	-	-	-
TPH	C6-C10	mg/L	0.037		<0.1U	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
J: estimated value
U: non-detect
UJ: approximate method detection limit
mg/L: milligrams per liter
µg/L: micrograms per liter
- : not analyzed
SVOCs: semi-volatile organic compounds
VOCs: volatile organic compounds
TOGS 1.1.1: New York State Department of Environmental Conservation Subpart Technical Operation Guidance
ND: non-detection for a case without a reference lower reporting limit
Detections are presented in bold.
Concentrations detected above TOGS 1.1.1 are presented in gray

TABLE 12
SUMMARY OF INDOOR AIR SAMPLING RESULTS

Former Sperry Remington Site - North Portion
Elmira, New York

				Sample Location	Auditorium	Custodian Break Room (M14)	Hallway Near Main Entrance	Room 100 (Library)	Room 100 (Library)	Room 100 (Library)	Room 101	Room 103 (Hallway)	Room 105	Room 111	Room 115
				Sample ID	SSHS-07-10-14-16-IA	SSHS-07-10-14-18-IA	SSHS-07-08-14-01-IA	SSHS-07-08-14-09-IA	EHS-12-19-14-100-1	EHS-12-20-14-100-2	SSHS-07-08-14-10-IA	SSHS-07-08-14-14-IA	SSHS-07-08-14-15-IA	SSHS-07-08-14-13-IA	SSHS-07-08-14-11-IA
				Sample Date	7/10/2014	7/10/2014	7/8/2014	7/8/2014	12/20/2014	12/20/2014	7/8/2014	7/8/2014	7/8/2014	7/8/2014	7/8/2014
				NYSDOH Matrix Criteria											
Chemical Group	**Analyte**	**Units**	**EQL**												
NYSDOH Matrix VOCs (Notes 1-3)	1,1-dichloroethene	µg/m3	0	100	<0.062U	<0.061U	<0.063U	<0.064U	<0.06U	<0.06U	<0.062U	<0.065U	<0.064U	<0.063U	<0.063U
	Carbon tetrachloride	µg/m3	0	5	0.42	0.39	0.63	0.39	0.41	0.48	0.39	0.38	0.36	0.38	0.4
	cis-1,2-dichloroethene	µg/m3	0	100	<0.12U	<0.12U	<0.13U	<0.13U	<0.12U	<0.12U	<0.12U	<0.13U	<0.13U	<0.12U	<0.13U
	Trichloroethene	µg/m3	0	5|2	<0.17U	0.67	<0.17U	0.19	<0.16U	<0.16U	<0.17U	<0.18U	<0.17U	<0.17U	<0.17U
	Tetrachloroethene	µg/m3	0	30	<0.21U	<0.21U	<0.22U	<0.22U	<0.21U	<0.21U	<0.21U	<0.22U	<0.22U	<0.21U	<0.22U
Other Detected VOCs (Note 4)	Freon 113	µg/m3	0		<1.2U	<1.2U	<1.2U	<1.2U	<1.2U	<1.2U	<1.2U	<1.2U	<1.2U	<1.2U	<1.2U
	2-Propanol	µg/m3	0		<1.9U	4.6	<2U	6.1	<1.9U	<1.9U	4.9	2.5	<2U	<1.9U	4.7
	Benzene	µg/m3	0		<0.25U	0.94	<0.26U	0.4	0.43	0.31	1.5	0.66	<0.26U	<0.25U	0.36
	Ethylbenzene	µg/m3	0		<0.14U	1.4	0.42	0.5	0.28	<0.13U	3.1	1	0.27	0.23	0.42
	Toluene	µg/m3	0		0.5	20	5.3	4.7	1.8	0.66	44	13	4.4	1.4	3.9
	Xylene (m & p)	µg/m3	0		<0.27U	6.4	1.6	1.8	0.79	0.37	13	4.1	0.97	0.82	1.6
	Xylene (o)	µg/m3	0		<0.14U	2.2	0.56	0.64	0.29	0.17	4	1.3	0.36	0.29	0.55
	1,1-dichloroethane	µg/m3	0		<0.13U	<0.12U	<0.13U	<0.13U	<0.12U	<0.12U	<0.13U	<0.13U	<0.13U	<0.13U	<0.13U
	1,2-dichloroethane	µg/m3	0		<0.13U	<0.12U	<0.13U	0.19	<0.12U	<0.12U	<0.13U	<0.13U	<0.13U	<0.13U	<0.13U
	1,2-dichloropropane	µg/m3	0.63		<0.72U	<0.71U	<0.74U	<0.75U	<0.7U	<0.7U	<0.72U	<0.75U	<0.75U	<0.73U	<0.73U
	Chloroform	µg/m3	0		<0.15U	0.7	0.24	<0.16U	<0.15U	<0.15U	<0.15U	<0.16U	<0.16U	<0.15U	<0.16U
	Chloromethane	µg/m3	0		0.85	0.81	1.2	0.94	0.99	0.88	0.84	0.84	0.76	1.1	0.92
	Dichloromethane	µg/m3	0		<1.1U	<1.1U	<1.1U	<1.1U	<1U	<1U	1.6	<1.1U	<1.1U	<1.1U	<1.1U
	Dichlorodifluoromethane	µg/m3	0		2	3.5	4.4	11	3.2	2.6	6.9	9.6	13	15	9.5
	Trichlorofluoromethane	µg/m3	0		0.95J	1.2	1.4	<0.91U	1.2	1.1	1.1	1	<0.91U	<0.89U	1
	1,2,4-trimethylbenzene	µg/m3	0		<0.77U	3.4	<0.79U	0.96	<0.75U	<0.75U	1.6	0.97	<0.8U	<0.78U	1
	1,3,5-trimethylbenzene	µg/m3	0		<0.77U	1.2	<0.79U	<0.8U	<0.75U	<0.75U	<0.77U	<0.8U	<0.8U	<0.78U	<0.78U
	1-methyl-4 ethyl benzene	µg/m3	0.67		<0.77U	2.9	<0.79U	<0.8U	<0.75U	<0.75U	1.4	<0.8U	<0.8U	<0.78U	<0.78U
	Styrene	µg/m3	0		<0.67U	3.1	<0.68U	0.83	<0.65U	<0.65U	0.7	<0.69U	<0.69U	<0.67U	0.76
	Methyl Ethyl Ketone	µg/m3	0		<2.3U	<2.2U	<2.4U	3.2	<2.2U	<2.2U	4.4	3.3	6.2	<2.3U	3
	4-Methyl-2-pentanone	µg/m3	0		<0.64U	<0.63U	<0.66U	<0.66U	<0.62U	<0.62U	<0.64U	<0.67U	2.3	<0.65U	<0.65U
	Acetone	µg/m3	0		4.8J	22J	32	26J	6.8	4.5	110J	37J	14J	9.6J	21J
	Carbon disulfide	µg/m3	0		<2.4UJ	<2.4UJ	<2.5U	<2.5U	<2.4U	<2.4U	<2.4U	<2.5U	<2.5U	<2.5UJ	<2.5U
	Cyclohexane	µg/m3	0		<0.54U	<0.53U	<0.55U	<0.56U	<0.52U	<0.52U	1.4	<0.56U	<0.56U	<0.54U	<0.55U
	Ethanol	µg/m3	0		2.3J	100J	5.9	27J	41	24	25J	22J	50J	9.3J	22J
	Heptane	µg/m3	0		<0.64U	1.3	<0.66U	6.5	1.1	<0.62U	9.4	1.4	<0.66U	<0.65U	3.7
	Hexane	µg/m3	0		<0.55U	2.5	<0.56U	1.8	0.74	<0.54U	5.7	1.6	<0.57U	<0.56U	1.7
	1,4-dichlorobenzene	µg/m3	0.05		<0.19U	<0.18U	<0.19U	<0.19U	<0.18U	<0.18U	<0.19U	<0.2U	<0.19U	<0.19U	<0.19U
	1,4-Dioxane	µg/m3	0.49		0.66J	<0.55U	<0.58U	0.65	<0.55U	<0.55U	<0.56U	0.92	1	0.79	<0.57U

TABLE 12
SUMMARY OF INDOOR AIR SAMPLING RESULTS

Former Sperry Remington Site - North Portion
Elmira, New York

				Sample Location	Room 116	Room 120	Room 122	Room 122	Room 122	Room 124	Room 124	Room 124	Room 125	Room 125	Room 125
				Sample ID	SSHS-07-08-14-12-IA	SSHS-07-08-14-07-IA	SSHS-07-08-14-06-IA	EHS-12-19-14-122-1	EHS-12-20-14-122-2	SSHS-07-08-14-05-IA	EHS-12-19-14-124-1	EHS-12-20-14-124-2	SSHS-07-08-14-04-IA	EHS-12-19-14-125-1	EHS-12-20-14-125-2
				Sample Date	7/8/2014	7/8/2014	7/8/2014	12/20/2014	12/20/2014	7/8/2014	12/20/2014	12/20/2014	7/8/2014	12/20/2014	12/20/2014
				NYSDOH Matrix Criteria											
Chemical Group	**Analyte**	**Units**	**EQL**												
NYSDOH Matrix VOCs (Notes 1-3)	1,1-dichloroethene	µg/m3	0	100	<0.062U	<0.063U	<0.064U	<0.059U	<0.06U	<0.063U	<0.059U	<0.06U	<0.061U	<0.06U	<0.062U
	Carbon tetrachloride	µg/m3	0	5	0.38	0.4	0.39	0.42	0.48	0.39	0.41	0.49	0.38	0.35	0.44
	cis-1,2-dichloroethene	µg/m3	0	100	<0.12U	<0.12U	<0.13U	<0.12U	<0.12U	<0.13U	<0.12U	<0.12U	<0.12U	<0.12U	<0.12U
	Trichloroethene	µg/m3	0	5|2	<0.17U	<0.17U	0.17	<0.16U	0.25	0.18	<0.16U	<0.16U	0.28	<0.16U	<0.17U
	Tetrachloroethene	µg/m3	0	30	<0.21U	<0.21U	<0.22U	<0.2U	<0.21U	<0.22U	<0.2U	<0.21U	<0.21U	<0.2U	<0.21U
Other Detected VOCs (Note 4)	Freon 113	µg/m3	0		<1.2U	<1.2U	<1.2U	<1.1U	<1.2U	<1.2U	<1.1U	<1.2U	<1.2U	<1.2U	<1.2U
	2-Propanol	µg/m3	0		<1.9U	<1.9U	<2U	<1.8U	<1.9U	<2U	1.8	<1.9U	2	3.1	<1.9U
	Benzene	µg/m3	0		0.26	<0.25U	0.32	0.39	0.33	<0.25U	0.38	0.36	0.25	0.44	0.31
	Ethylbenzene	µg/m3	0		0.24	0.26	0.4	0.15	<0.13U	0.32	0.38	0.2	0.32	0.21	0.16
	Toluene	µg/m3	0		1.8	1.4	1.9	0.87	0.66	1.7	1.4	1	1.8	1.6	0.85
	Xylene (m & p)	µg/m3	0		0.96	1	1.6	0.42	0.32	1.2	1.3	0.63	1.2	0.6	0.49
	Xylene (o)	µg/m3	0		0.34	0.33	0.59	0.15	<0.13U	0.41	0.42	0.24	0.42	0.22	0.16
	1,1-dichloroethane	µg/m3	0		<0.13U	<0.13U	<0.13U	<0.12U	<0.12U	<0.13U	<0.12U	<0.12U	<0.12U	<0.12U	<0.13U
	1,2-dichloroethane	µg/m3	0		<0.13U	<0.13U	<0.13U	<0.12U	0.16	0.21	0.38	0.21	0.18	0.38	0.2
	1,2-dichloropropane	µg/m3	0.63		<0.73U	<0.73U	<0.74U	<0.69U	<0.7U	<0.73U	<0.68U	<0.7U	<0.71U	<0.7U	<0.72U
	Chloroform	µg/m3	0		<0.15U	<0.15U	<0.16U	<0.14U	<0.15U	<0.16U	<0.14U	<0.15U	<0.15U	0.17	<0.15U
	Chloromethane	µg/m3	0		0.86	0.9	0.79	0.93	0.86	0.76	1	1.2	0.79	1.1	0.89
	Dichloromethane	µg/m3	0		<1.1U	<1.1U	<1.1U	<1U	<1U	<1.1U	<1U	<1U	<1.1U	<1U	<1.1U
	Dichlorodifluoromethane	µg/m3	0		9.7	6.5	9.9	3.7	7.6	13	20	14	10	8.7	11
	Trichlorofluoromethane	µg/m3	0		0.9	1	1	1.1	1	<0.89U	1.1	1.1	<0.86U	1.2	1.1
	1,2,4-trimethylbenzene	µg/m3	0		<0.78U	<0.78U	<0.79U	<0.73U	<0.75U	<0.78U	<0.73U	<0.75U	<0.76U	<0.74U	<0.77U
	1,3,5-trimethylbenzene	µg/m3	0		<0.78U	<0.78U	<0.79U	<0.73U	<0.75U	<0.78U	<0.73U	<0.75U	<0.76U	<0.74U	<0.77U
	1-methyl-4 ethyl benzene	µg/m3	0.67		<0.78U	<0.78U	<0.79U	<0.73U	<0.75U	<0.78U	<0.73U	<0.75U	<0.76U	<0.74U	<0.77U
	Styrene	µg/m3	0		<0.67U	<0.67U	<0.68U	<0.63U	<0.65U	<0.68U	<0.63U	<0.65U	<0.66U	<0.64U	<0.66U
	Methyl Ethyl Ketone	µg/m3	0		2.5	<2.3U	<2.4U	<2.2U	<2.2U	2.5	<2.2U	<2.2U	<2.3U	<2.2U	<2.3U
	4-Methyl-2-pentanone	µg/m3	0		<0.65U	<0.65U	<0.66U	<0.61U	<0.62U	<0.65U	<0.61U	<0.62U	<0.63U	<0.62U	<0.64U
	Acetone	µg/m3	0		12J	11J	11J	4.1	4.1	11J	9.6	5.4	12J	12	5.7
	Carbon disulfide	µg/m3	0		<2.5U	<2.5U	<2.5U	<2.3U	<2.4U	<2.5U	<2.3U	<2.4U	2.5	<2.4U	<2.4U
	Cyclohexane	µg/m3	0		<0.54U	<0.54U	<0.55U	<0.51U	<0.52U	<0.55U	<0.51U	<0.52U	<0.53U	<0.52U	<0.54U
	Ethanol	µg/m3	0		10J	7.4J	8.1J	29	28	6.6J	110J	44	12J	160J	59
	Heptane	µg/m3	0		<0.65U	<0.65U	<0.66U	<0.61U	<0.62U	<0.65U	2.2	0.9	<0.63U	2.1	<0.64U
	Hexane	µg/m3	0		<0.56U	<0.56U	<0.57U	<0.52U	<0.54U	<0.56U	0.91	0.99	<0.54U	0.59	0.61
	1,4-dichlorobenzene	µg/m3	0.05		<0.19U	<0.19U	<0.19U	<0.18U	<0.18U	<0.19U	<0.18U	<0.18U	<0.18U	<0.18U	<0.19U
	1,4-Dioxane	µg/m3	0.49		<0.57U	<0.57U	<0.58U	<0.54U	<0.55U	<0.57U	<0.53U	<0.55U	<0.55U	<0.54U	<0.56U

TABLE 12
SUMMARY OF INDOOR AIR SAMPLING RESULTS

Former Sperry Remington Site - North Portion
Elmira, New York

				Sample Location	Room 127	Room 127	Room 127	Room 127	Room 127	Room 127	Room 127	Room 127	Room 127	Room 127	Room 127	Room 127
				Sample ID	SSHS-07-08-14-03-IA	SSHS-08-19-14-01-IA-16	SSHS-08-20-14-01-IA-08	EHS-12-19-14-127-1	EHS-12-20-14-127-2	SSHS-03-IA-DUP	SSHS-03-IA	SSHS-03-IA	EHS-12-28-15-127-1D	EHS-12-28-15-127-1	EHS-12-29-15-127-2	EHS-20161228-127-1
				Sample Date	7/8/2014	8/20/2014	8/20/2014	12/20/2014	12/20/2014	9/3/2015	9/3/2015	9/3/2015	12/29/2015	12/29/2015	12/29/2015	12/28/2016
				NYSDOH Matrix Criteria												
Chemical Group	**Analyte**	**Units**	**EQL**													
NYSDOH Matrix VOCs (Notes 1-3)	1,1-dichloroethene	µg/m3	0	100	<0.063U	<0.068U	<0.069U	<0.071U	<0.061U	<0.061U	<0.07U	<0.054U	<0.06U	<0.067U	<0.066U	<0.065UJ
	Carbon tetrachloride	µg/m3	0	5	0.66	-	-	0.42	0.41	0.52	0.5	0.5	0.39J	0.26J	0.37	0.46
	cis-1,2-dichloroethene	µg/m3	0	100	0.25	<0.14U	<0.14U	<0.14U	<0.12U	<0.12U	<0.14U	<0.11U	<0.12U	<0.13U	<0.13U	<0.13U
	Trichloroethene	µg/m3	0	5|2	1.9	0.54	0.21	<0.19U	<0.16U	0.4	<0.19U	0.34	<0.16U	<0.18U	<0.18U	<0.18U
	Tetrachloroethene	µg/m3	0	30	<0.22U	<0.23U	<0.24U	<0.24U	<0.21U	<0.21U	0.53	<0.18U	<0.2U	<0.23U	<0.22U	<0.22U
Other Detected VOCs (Note 4)	Freon 113	µg/m3	0		<1.2U	-	-	<1.4U	<1.2U	<1.2U	<1.4U	<1U	<1.2U	<1.3U	<1.3U	<1.2U
	2-Propanol	µg/m3	0		<2U	-	-	5.4	2.2	16	3.2	16	5.3	6.2J	3.4	<2U
	Benzene	µg/m3	0		0.27	0.77	0.32	0.69	0.31	0.55	0.52	0.49	0.42	0.47	0.4	0.39
	Ethylbenzene	µg/m3	0		0.32	2.4	1.6	0.51	<0.13UJ	0.67	0.38	0.56	0.21J	0.31J	<0.14U	<0.14U
	Toluene	µg/m3	0		2.3	22	23	5.2	1	19	2.8	15	2.3	2.6	0.68	1
	Xylene (m & p)	µg/m3	0		1.2	6	1.7	1.4	0.4	3.3	1.4	2.6	0.65J	0.94J	0.31	<0.28U
	Xylene (o)	µg/m3	0		0.43	1.9	0.58	0.47	0.14	1.3	0.55	1	0.23J	0.33J	0.15	<0.14U
	1,1-dichloroethane	µg/m3	0		<0.13U	<0.14U	<0.14U	<0.14U	<0.12U	<0.12U	<0.14U	<0.11U	<0.12U	<0.14U	<0.13U	<0.13U
	1,2-dichloroethane	µg/m3	0		0.53	16	0.98	0.69	0.28	5.6	0.42	4.5	0.9	0.92	0.18	0.42
	1,2-dichloropropane	µg/m3	0.63		<0.73U	-	-	<0.83U	<0.71U	<0.71U	<0.82U	<0.63U	<0.7U	<0.78U	<0.77U	<0.76U
	Chloroform	µg/m3	0		<0.16U	-	-	0.18	<0.15U	0.31	0.52	0.27	0.24	0.23	<0.16U	<0.16U
	Chloromethane	µg/m3	0		0.96	-	-	1.1	0.87	1.2	0.96	1.1	0.93	0.94	0.95	0.76
	Dichloromethane	µg/m3	0		<1.1U	-	-	1.5	<1.1U	<1.1U	1.6	<0.95U	<1U	<1.2U	<1.2U	<1.1U
	Dichlorodifluoromethane	µg/m3	0		16	-	-	7.8	7.9	24	9.7	18	11	11	4.5	4.9
	Trichlorofluoromethane	µg/m3	0		1.6	-	-	1.3	1.1	1.4	1.3	1.3	1.3	1.2	1.3	1
	1,2,4-trimethylbenzene	µg/m3	0		<0.78U	-	-	<0.88U	<0.76U	<0.76U	0.86	0.68	<0.74U	<0.83U	<0.82U	<0.81U
	1,3,5-trimethylbenzene	µg/m3	0		<0.78U	-	-	<0.88U	<0.76U	<0.76U	<0.88U	<0.67U	<0.74U	<0.83U	<0.82U	<0.81U
	1-methyl-4 ethyl benzene	µg/m3	0.67		<0.78U	-	-	<0.88U	<0.76U	<0.76U	<0.88U	<0.67U	<0.74U	<0.83U	<0.82U	<0.81U
	Styrene	µg/m3	0		<0.68U	-	-	<0.76U	<0.66U	1.3J	<0.76U	0.9J	<0.64U	<0.72U	<0.71U	<0.7U
	Methyl Ethyl Ketone	µg/m3	0		2.7	-	-	<2.6U	<2.3U	22	3.7	21	<2.2U	4.3	<2.4U	<2.4U
	4-Methyl-2-pentanone	µg/m3	0		<0.65U	-	-	<0.73U	<0.63U	<0.63U	<0.73U	<0.56U	<0.62U	1	<0.68U	<0.67U
	Acetone	µg/m3	0		20	-	-	12	6.1	35	20	40	12J	22J	4.3	12
	Carbon disulfide	µg/m3	0		<2.5U	-	-	<2.8U	<2.4U	<2.4U	<2.8U	<2.1U	<2.4U	<2.6U	<2.6U	<2.6U
	Cyclohexane	µg/m3	0		<0.55U	-	-	0.79	<0.53U	1.4	<0.61U	1.2	0.86	0.84	<0.57U	<0.56U
	Ethanol	µg/m3	0		22	-	-	280J	110	37J	18J	36J	36	34	12	14J
	Heptane	µg/m3	0		<0.65U	-	-	2.8	<0.63U	7.7J	1.2	5.5J	3.6	4.3	<0.68U	1.3
	Hexane	µg/m3	0		<0.56U	-	-	1.6	<0.54U	0.78	1.2	0.62	<0.53U	0.69	<0.58U	<0.58U
	1,4-dichlorobenzene	µg/m3	0.05		<0.19U	-	-	<0.22U	<0.18U	<0.18U	<0.21U	<0.16U	<0.18U	<0.2U	<0.2U	<0.2U
	1,4-Dioxane	µg/m3	0.49		<0.57U	-	-	<0.64U	<0.55U	<0.55UJ	<0.64U	0.76J	<0.54U	<0.61U	<0.6U	<0.59U

TABLE 12
SUMMARY OF INDOOR AIR SAMPLING RESULTS

Former Sperry Remington Site - North Portion
Elmira, New York

				Sample Location	Room 127	Room 127 (Overnight)	Room 127 (Overnight)	Room 127 (Overnight)	Room 129 (Guidance)	Room 129 (Guidance)	Room 129 (Guidance)	Room 129 (Guidance)	Room 129 (Guidance)	Room 130
				Sample ID	EHS-20161229-127-2	SSHS-07-08-14-IAON-127	EHS-20160901-127-1	EHS-20160902-127-2	SSHS-07-08-14-08-IA	SSHS-08-19-14-02-IA-16	SSHS-08-20-14-02-IA-08	EHS-12-19-14-129-1	EHS-12-20-14-129-2	SSHS-07-08-14-02-IA
				Sample Date	12/29/2016	7/9/2014	9/1/2016	9/2/2016	7/8/2014	8/20/2014	8/20/2014	12/20/2014	12/20/2014	7/8/2014
				NYSDOH Matrix Criteria										
Chemical Group	**Analyte**	**Units**	**EQL**											
NYSDOH Matrix VOCs (Notes 1-3)	1,1-dichloroethene	µg/m3	0	100	<0.071UJ	<0.063U	<0.068U	<0.067U	<0.063U	<0.065U	<0.067U	<0.063U	-	<0.064U
	Carbon tetrachloride	µg/m3	0	5	0.48	0.35	0.53	0.54	0.41	-	-	0.42	0.39J	0.62
	cis-1,2-dichloroethene	µg/m3	0	100	<0.14U	0.24	<0.14U	<0.13U	<0.13U	<0.13U	<0.13U	<0.13U	-	<0.13U
	Trichloroethene	µg/m3	0	5|2	<0.19U	1.9	<0.18U	<0.18UJ	0.44	<0.18U	<0.18U	<0.17U	-	0.51
	Tetrachloroethene	µg/m3	0	30	<0.24U	<0.21U	0.38	1.3	<0.22U	<0.22U	0.38	<0.22U	-	<0.22U
Other Detected VOCs (Note 4)	Freon 113	µg/m3	0		<1.4U	-	<1.3U	<1.3U	<1.2U	-	-	<1.2U	-	<1.2U
	2-Propanol	µg/m3	0		<2.2U	-	2.4	5.4	11	-	-	5.9	4.2J	<2U
	Benzene	µg/m3	0		0.5	0.41	<0.27U	0.32	0.44	0.4	0.34	0.45	0.46J	<0.26U
	Ethylbenzene	µg/m3	0		0.29	0.58	0.19	0.48	0.68	0.9	0.36	0.34	0.36J	0.29
	Toluene	µg/m3	0		3	5	26	110	5.6	6.4	1.8	1.8	2.1J	2.5
	Xylene (m & p)	µg/m3	0		1	2.4	0.5	0.9	2.1	3.2	1.2	0.95	1.1J	1.1
	Xylene (o)	µg/m3	0		0.32	0.82	0.19	0.35	0.68	1	0.43	0.35	0.4J	0.38
	1,1-dichloroethane	µg/m3	0		<0.14U	<0.13U	<0.14U	<0.14U	<0.13U	<0.13U	<0.14U	<0.13U	-	<0.13U
	1,2-dichloroethane	µg/m3	0		0.65	1.6	0.64	2.2	0.37	0.32	0.22	0.16	0.1J	0.17
	1,2-dichloropropane	µg/m3	0.63		<0.83U	-	<0.79U	2.3	<0.74U	-	-	<0.74U	-	<0.74U
	Chloroform	µg/m3	0		<0.17U	<0.15U	<0.17U	<0.16U	<0.16U	-	-	0.34	0.13J	0.33
	Chloromethane	µg/m3	0		0.74	0.84	0.78	0.8	1	-	-	1.2	0.92J	1
	Dichloromethane	µg/m3	0		<1.2U	-	<1.2U	<1.2U	<1.1U	-	-	<1.1U	-	<1.1U
	Dichlorodifluoromethane	µg/m3	0		6.8	11	7.6	11	12	-	-	6.6	2.9J	17
	Trichlorofluoromethane	µg/m3	0		1.1	-	1.2	1.2	<0.9U	-	-	1.1	0.96J	1.5
	1,2,4-trimethylbenzene	µg/m3	0		<0.88U	-	<0.84U	<0.82U	<0.79U	-	-	<0.79U	0.94J	<0.79U
	1,3,5-trimethylbenzene	µg/m3	0		<0.88U	-	<0.84U	<0.82U	<0.79U	-	-	<0.79U	-	<0.79U
	1-methyl-4 ethyl benzene	µg/m3	0.67		<0.88U	-	<0.84U	<0.82U	<0.79U	-	-	<0.79U	-	<0.79U
	Styrene	µg/m3	0		<0.76U	-	<0.73U	<0.72U	1	-	-	<0.68U	-	<0.68U
	Methyl Ethyl Ketone	µg/m3	0		<2.6U	-	3.8	10	5	-	-	<2.4U	-	<2.4U
	4-Methyl-2-pentanone	µg/m3	0		<0.73U	-	2.2	11	3.4	-	-	<0.66U	-	<0.66U
	Acetone	µg/m3	0		9.2	-	20	20	43J	-	-	18	7.8J	16
	Carbon disulfide	µg/m3	0		<2.8U	-	<2.7U	<2.6U	<2.5U	-	-	<2.5U	-	<2.5U
	Cyclohexane	µg/m3	0		<0.62U	-	<0.59U	0.63	<0.55U	-	-	<0.55U	-	<0.55U
	Ethanol	µg/m3	0		18J	-	62	42	55J	-	-	340J	43J	11
	Heptane	µg/m3	0		2	-	0.79	7.3J	0.98	-	-	1.2	-	<0.66U
	Hexane	µg/m3	0		<0.63U	-	<0.6U	4.5J	<0.56U	-	-	0.62	-	<0.57U
	1,4-dichlorobenzene	µg/m3	0.05		<0.22U	<0.19U	<0.2U	<0.2U	<0.19U	-	-	<0.19U	-	<0.19U
	1,4-Dioxane	µg/m3	0.49		<0.64U	-	<0.62U	<0.6U	0.59	-	-	<0.58U	-	<0.58U

TABLE 12
SUMMARY OF INDOOR AIR SAMPLING RESULTS

Former Sperry Remington Site - North Portion
Elmira, New York

				Sample Location	Room 130	Room 130	Room 136A	Room 138	Room 138A	Room 142 (Wellness Center)	Room 145 (Nurses Office)	Room 145 (Nurses Office)	Room 151A
				Sample ID	EHS-12-19-14-130-1	EHS-12-20-14-130-2	SSHS-07-10-14-17-IA	Room 138_12/16/2009	SSHS-07-10-14-19-IA	SSHS-07-10-14-20-IA	SSHS-07-10-14-21-IA	SSHS-07-10-14-21-IA-DUP	Room 151A_12/16/2009
				Sample Date	12/20/2014	12/20/2014	7/10/2014	12/16/2009	7/10/2014	7/10/2014	7/10/2014	7/10/2014	12/16/2009
				NYSDOH Matrix Criteria									
Chemical Group	**Analyte**	**Units**	**EQL**										
NYSDOH Matrix VOCs (Notes 1-3)	1,1-dichloroethene	µg/m3	0	100	<0.065U	<0.056U	<0.063U	0.6	<0.063U	<0.063U	<0.059U	<0.061U	1
	Carbon tetrachloride	µg/m3	0	5	0.39	0.44	0.4	0.38	0.4	0.4	0.39	0.41	0.38
	cis-1,2-dichloroethene	µg/m3	0	100	<0.13U	<0.11U	<0.12U	<0U	<0.13U	<0.13U	<0.12U	<0.12U	<0U
	Trichloroethene	µg/m3	0	5|2	<0.18U	<0.15U	<0.17U	0.27	<0.17U	<0.17U	<0.16U	<0.16U	0.44
	Tetrachloroethene	µg/m3	0	30	<0.22U	<0.19U	<0.21U	<0U	<0.22U	<0.22U	<0.2U	<0.21U	0.76J
Other Detected VOCs (Note 4)	Freon 113	µg/m3	0		<1.3U	<1.1U	<1.2U	6.6	<1.2U	<1.2U	<1.1U	<1.2U	9
	2-Propanol	µg/m3	0		11	4.1	<1.9U	<0U	<2U	8.6	<1.8UJ	2.8J	10
	Benzene	µg/m3	0		0.56	0.32	<0.25U	0.65	<0.25U	0.28	<0.24U	0.27J	0.52
	Ethylbenzene	µg/m3	0		0.32	0.15	<0.14U	<0U	<0.14U	0.14	<0.13U	<0.13U	<0U
	Toluene	µg/m3	0		1.5	0.88	0.63	4.6	0.58	1.1	0.52J	0.81J	2.1
	Xylene (m & p)	µg/m3	0		0.98	0.49	<0.27U	1J	<0.28U	1.4	0.3	0.34	0.79J
	Xylene (o)	µg/m3	0		0.39	0.2	<0.14U	<0U	<0.14U	0.18	<0.13U	<0.13U	<0U
	1,1-dichloroethane	µg/m3	0		<0.13U	<0.11U	<0.13U	<0U	<0.13U	<0.13U	<0.12U	<0.12U	0.49J
	1,2-dichloroethane	µg/m3	0		0.9	0.45	<0.13U	<0U	<0.13U	<0.13U	<0.12U	<0.12U	<0U
	1,2-dichloropropane	µg/m3	0.63		<0.76U	<0.65U	<0.73U	<0U	<0.73U	<0.74U	<0.69U	<0.71U	<0U
	Chloroform	µg/m3	0		0.28	0.16	0.39	4.2	<0.16U	0.24	0.59	0.57	1.8
	Chloromethane	µg/m3	0		1	0.88	0.74	0.5	0.74	0.78	0.76	0.73	0.61
	Dichloromethane	µg/m3	0		<1.1U	<0.98U	<1.1U	<0U	<1.1U	<1.1U	<1U	<1.1U	<0U
	Dichlorodifluoromethane	µg/m3	0		8.2	10	2	6J	2.2	2.4	2	2.2	25
	Trichlorofluoromethane	µg/m3	0		1.2	1	1.1	2	0.93	0.95	0.94	1.1	2.5
	1,2,4-trimethylbenzene	µg/m3	0		<0.81U	<0.69U	<0.78U	1	<0.78U	<0.79U	<0.73U	<0.76U	<0U
	1,3,5-trimethylbenzene	µg/m3	0		<0.81U	<0.69U	<0.78U	<0U	<0.78U	<0.79U	<0.73U	<0.76U	<0U
	1-methyl-4 ethyl benzene	µg/m3	0.67		<0.81U	<0.69U	<0.78U	<0U	<0.78U	<0.79U	<0.73U	<0.76U	<0U
	Styrene	µg/m3	0		<0.7U	<0.6U	<0.67U	<0U	<0.68U	<0.68U	<0.63U	<0.66U	<0U
	Methyl Ethyl Ketone	µg/m3	0		<2.4U	<2.1U	<2.3U	0.84J	<2.3U	<2.4U	<2.2U	<2.3U	0.57J
	4-Methyl-2-pentanone	µg/m3	0		<0.68U	<0.58U	<0.65U	1.3	<0.65U	1.3	<0.61U	<0.63U	<0U
	Acetone	µg/m3	0		9.3	7.9	3.8J	23	4.3J	6.3J	5.8J	5.3J	18
	Carbon disulfide	µg/m3	0		<2.6U	<2.2U	<2.5UJ	0.95	<2.5UJ	<2.5UJ	<2.3UJ	<2.4UJ	<0U
	Cyclohexane	µg/m3	0		<0.57U	<0.48U	<0.54U	1.5	<0.55U	<0.55U	<0.51U	<0.53U	<0U
	Ethanol	µg/m3	0		320J	130J	2.5J	12JN	<1.5UJ	<1.5UJ	5.6J	6.8J	7.1JN
	Heptane	µg/m3	0		0.96	<0.58U	<0.65U	0.79	<0.65U	<0.66U	<0.61U	<0.63U	0.67
	Hexane	µg/m3	0		<0.58U	<0.5U	<0.56U	0.79	<0.56U	<0.56U	<0.52U	<0.54U	<0U
	1,4-dichlorobenzene	µg/m3	0.05		<0.2U	<0.17U	<0.19U	<0U	<0.19U	<0.19U	<0.18U	<0.18U	<0U
	1,4-Dioxane	µg/m3	0.49		<0.59U	<0.51U	<0.57U	<0U	<0.57U	<0.58U	<0.54UJ	0.66J	<0U

TABLE 12
SUMMARY OF INDOOR AIR SAMPLING RESULTS

Former Sperry Remington Site - North Portion
Elmira, New York

				Sample Location	Room 156 (Girls Locker Room)	Room 171 (Auxillary Gym)	Room 171 (Auxillary Gym)	Rooftop	Rooftop	Rooftop	Rooftop	Rooftop	Rooftop	Rooftop
				Sample ID	SSHS-07-10-14-23-IA	SSHS-07-10-14-22-IA-DUP	SSHS-07-10-14-22-IA	SSHS-07-08-14-OA-01	SSHS-07-08-14-OAON-01	SSHS-07-10-14-OA-O2	EHS-12-20-14-OA-1	EHS-12-20-14-OA-2	SSHS-02-OA	SSHS-01-OA
				Sample Date	7/10/2014	7/10/2014	7/10/2014	7/8/2014	7/9/2014	7/10/2014	12/20/2014	12/20/2014	9/3/2015	9/3/2015
				NYSDOH Matrix Criteria										
Chemical Group	**Analyte**	**Units**	**EQL**											
NYSDOH Matrix VOCs (Notes 1-3)	1,1-dichloroethene	µg/m3	0	100	<0.064U	<0.062U	<0.063U	<0.08U	<0.065U	<0.066U	<0.055U	<0.056U	<0.069U	<0.059U
	Carbon tetrachloride	µg/m3	0	5	0.35	0.39	0.41	0.35	0.36	0.35	0.47	0.49	0.46	0.48
	cis-1,2-dichloroethene	µg/m3	0	100	<0.13U	<0.12U	<0.12U	<0.16U	<0.13U	<0.13U	<0.11U	<0.11U	<0.14U	<0.12U
	Trichloroethene	µg/m3	0	5|2	<0.17U	<0.17U	<0.17U	<0.22U	<0.18U	<0.18U	<0.15U	<0.15U	<0.19U	<0.16U
	Tetrachloroethene	µg/m3	0	30	<0.22U	<0.21U	<0.21U	<0.27U	<0.22U	<0.22U	<0.19U	<0.19U	<0.24U	<0.2U
Other Detected VOCs (Note 4)	Freon 113	µg/m3	0		<1.2U	<1.2U	<1.2U	<1.5U	<1.2U	<1.3U	<1U	<1.1U	<1.3U	<1.1U
	2-Propanol	µg/m3	0		<2U	<1.9U	<1.9U	<2.5U	<2U	<2U	<1.7U	<1.7U	<2.1U	<1.8U
	Benzene	µg/m3	0		<0.26U	<0.25U	<0.25U	<0.32U	0.28	<0.26U	0.35	0.32	0.47	0.4
	Ethylbenzene	µg/m3	0		<0.14U	0.14J	<0.14U	<0.18U	0.15	<0.14U	<0.12U	0.12	0.24	0.27
	Toluene	µg/m3	0		0.53	1.2J	0.92J	1.2	1.2	0.3	0.52	0.69	0.99	3.2
	Xylene (m & p)	µg/m3	0		<0.28U	0.41	0.36	0.61	0.58	<0.29U	0.27	0.35	0.98	0.95
	Xylene (o)	µg/m3	0		<0.14U	0.17	0.14	0.2	0.2	<0.14U	<0.12U	0.13	0.58	0.31
	1,1-dichloroethane	µg/m3	0		<0.13U	<0.13U	<0.13U	<0.16U	<0.13U	<0.13U	<0.11U	<0.11U	<0.14U	<0.12U
	1,2-dichloroethane	µg/m3	0		<0.13U	0.13	0.13	<0.16U	<0.13U	<0.13U	<0.11U	<0.11U	<0.14U	0.14
	1,2-dichloropropane	µg/m3	0.63		<0.75U	<0.72U	<0.73U	<0.93U	<0.76U	<0.77U	<0.64U	<0.66U	<0.8U	<0.68U
	Chloroform	µg/m3	0		<0.16U	0.37	0.33	<0.2U	0.16J	<0.16U	<0.13U	0.21	<0.17U	<0.14U
	Chloromethane	µg/m3	0		0.71	0.7	0.81	0.84	0.79	0.79	1.1	1.6	0.96	1
	Dichloromethane	µg/m3	0		<1.1U	<1.1U	<1.1U	<1.4U	<1.1U	<1.2U	<0.96U	<0.99U	<1.2U	2.5
	Dichlorodifluoromethane	µg/m3	0		2.1	4.9	4.9	2	1.6	1.9	2.1	2.2	2.4	2.7
	Trichlorofluoromethane	µg/m3	0		1	0.88	1.1	<1.1U	<0.92U	<0.93U	1	1	1.3	1.3
	1,2,4-trimethylbenzene	µg/m3	0		<0.8U	<0.77U	<0.78U	<0.99U	<0.81U	<0.82U	<0.68U	<0.7U	4.2	<0.73U
	1,3,5-trimethylbenzene	µg/m3	0		<0.8U	<0.77U	<0.78U	<0.99U	<0.81U	<0.82U	<0.68U	<0.7U	0.86	<0.73U
	1-methyl-4 ethyl benzene	µg/m3	0.67		<0.8U	<0.77U	<0.78U	<0.99U	<0.81U	<0.82U	<0.68U	<0.7U	3.1	<0.73U
	Styrene	µg/m3	0		<0.69U	<0.66U	<0.67U	<0.86U	<0.7U	<0.71U	<0.59U	<0.6U	<0.74U	<0.63U
	Methyl Ethyl Ketone	µg/m3	0		<2.4U	<2.3U	<2.3U	<3U	<2.4U	<2.4U	<2U	<2.1U	<2.6U	4.9
	4-Methyl-2-pentanone	µg/m3	0		<0.66U	1.9	1.9	<0.83U	<0.67U	<0.68U	<0.56U	<0.58U	<0.71U	<0.61U
	Acetone	µg/m3	0		3.8J	6.5J	9.2J	9.5J	9.4J	5.5J	2.9	3.2	16	25
	Carbon disulfide	µg/m3	0		<2.5UJ	<2.4UJ	<2.5UJ	<3.1U	<2.6UJ	<2.6UJ	<2.1U	<2.2U	<2.7U	<2.3U
	Cyclohexane	µg/m3	0		<0.56U	<0.54U	<0.54U	<0.7U	<0.56U	<0.57U	<0.48U	<0.49U	<0.6U	<0.51U
	Ethanol	µg/m3	0		3J	7.6J	8.8J	2.9J	3.3J	<1.6UJ	2.3	3.6	5.3J	9.3J
	Heptane	µg/m3	0		<0.66U	<0.64U	<0.65U	<0.83U	<0.67U	<0.68U	<0.56U	<0.58U	<0.71U	0.68
	Hexane	µg/m3	0		<0.57U	<0.55U	<0.56U	<0.71U	<0.58U	<0.58U	<0.49U	<0.5U	0.72	0.66
	1,4-dichlorobenzene	µg/m3	0.05		0.22J	<0.19U	<0.19U	<0.24U	<0.2U	<0.2U	<0.16U	<0.17U	<0.21U	<0.18U
	1,4-Dioxane	µg/m3	0.49		<0.58U	<0.56U	<0.57U	1.5	<0.59U	<0.6U	<0.5U	<0.51U	<0.63U	<0.53U

TABLE 12
SUMMARY OF INDOOR AIR SAMPLING RESULTS

Former Sperry Remington Site - North Portion
Elmira, New York

				Sample Location	Rooftop	Rooftop	Rooftop	Rooftop	Rooftop	Rooftop
				Sample ID	EHS-12-28-15-OA-1	EHS-12-29-15-OA-2	EHS-20160901-OA-1	EHS-20160902-OA-2	EHS-20161228-OA-1	EHS-20161229-OA-2
				Sample Date	12/29/2015	12/29/2015	9/1/2016	9/2/2016	12/28/2016	12/29/2016
				NYSDOH Matrix Criteria						
Chemical Group	**Analyte**	**Units**	**EQL**							
NYSDOH Matrix VOCs (Notes 1-3)	1,1-dichloroethene	µg/m3	0	100	<0.064U	<0.063U	<0.064U	<0.064U	<0.063UJ	<0.069UJ
	Carbon tetrachloride	µg/m3	0	5	0.41	0.4	0.51	0.53	0.5	0.45
	cis-1,2-dichloroethene	µg/m3	0	100	<0.13U	<0.13U	<0.13U	<0.13U	<0.12U	<0.14U
	Trichloroethene	µg/m3	0	5|2	<0.17U	<0.17U	<0.17U	<0.17U	<0.17U	<0.19U
	Tetrachloroethene	µg/m3	0	30	<0.22U	<0.22U	<0.22U	<0.22U	<0.21U	<0.24U
Other Detected VOCs (Note 4)	Freon 113	µg/m3	0		<1.2U	<1.2U	<1.2U	<1.2U	<1.2U	<1.3U
	2-Propanol	µg/m3	0		<2U	<2U	<2U	<2U	<1.9U	<2.2U
	Benzene	µg/m3	0		0.41	0.36	<0.26U	<0.26U	0.41	0.42
	Ethylbenzene	µg/m3	0		<0.14U	<0.14U	<0.14U	<0.14U	<0.14U	<0.15U
	Toluene	µg/m3	0		0.38	0.32	0.42	0.48	0.38	0.57
	Xylene (m & p)	µg/m3	0		0.29	<0.28U	<0.28U	0.28	<0.27U	<0.3U
	Xylene (o)	µg/m3	0		0.14	<0.14U	<0.14U	<0.14U	<0.14U	<0.15U
	1,1-dichloroethane	µg/m3	0		<0.13U	<0.13U	<0.13U	<0.13U	<0.13U	<0.14U
	1,2-dichloroethane	µg/m3	0		<0.13U	<0.13U	<0.13U	<0.13U	<0.13U	<0.14U
	1,2-dichloropropane	µg/m3	0.63		<0.74U	<0.74U	<0.74U	<0.74U	<0.73U	<0.81U
	Chloroform	µg/m3	0		<0.16U	<0.16U	<0.16U	<0.16U	<0.15U	<0.17U
	Chloromethane	µg/m3	0		1.1	0.99	0.84	0.78	0.78	0.68
	Dichloromethane	µg/m3	0		<1.1U	<1.1U	<1.1U	<1.1U	<1.1U	<1.2U
	Dichlorodifluoromethane	µg/m3	0		2.3	2.4	2.1	2	2.2	2
	Trichlorofluoromethane	µg/m3	0		1.3	1.3	1.4	1.1	1.2	1
	1,2,4-trimethylbenzene	µg/m3	0		<0.79U	<0.79U	<0.79U	<0.79U	<0.78U	<0.86U
	1,3,5-trimethylbenzene	µg/m3	0		<0.79U	<0.79U	<0.79U	<0.79U	<0.78U	<0.86U
	1-methyl-4 ethyl benzene	µg/m3	0.67		<0.79U	<0.79U	<0.79U	<0.79U	<0.78U	<0.86U
	Styrene	µg/m3	0		<0.68U	<0.68U	<0.68U	<0.68U	<0.67U	<0.74U
	Methyl Ethyl Ketone	µg/m3	0		<2.4U	<2.4U	3.5	<2.4U	<2.3U	<2.6U
	4-Methyl-2-pentanone	µg/m3	0		<0.66U	<0.66U	<0.66U	<0.66U	<0.65U	<0.72U
	Acetone	µg/m3	0		4.8	4.5	12	9.7	8.3	8.3
	Carbon disulfide	µg/m3	0		<2.5U	<2.5U	<2.5U	<2.5U	<2.5U	<2.7U
	Cyclohexane	µg/m3	0		<0.55U	<0.55U	<0.55U	<0.55U	<0.54U	<0.6U
	Ethanol	µg/m3	0		2.3	1.7	3.2	<3U	<3UJ	<3.3UJ
	Heptane	µg/m3	0		2	<0.66U	<0.66U	<0.66U	<0.65U	<0.72U
	Hexane	µg/m3	0		1.6	0.69	<0.57U	<0.57U	<0.56U	<0.62U
	1,4-dichlorobenzene	µg/m3	0.05		<0.19U	<0.19U	<0.19U	<0.19U	<0.19U	<0.21U
	1,4-Dioxane	µg/m3	0.49		<0.58U	<0.58U	<0.58U	<0.58U	<0.57U	<0.63U

Notes

1 Soil Vapor/Indoor Air Matrix 1 and 2 (NYSDOH, 2006 and subsequent updates)
2 The guideline for Tetrachloroethene was reduced from 100 µg/m3 to 30 µg/m3 in September 2013.
3 The guideline for Trichloroethene was reduced from 5 µg/m3 to 2 µg/m3 in August 2015.
4 Only VOCs detected in at least one (1) sample are shown. See analytical report for complete results.
5 Detections are shown in bold.

VOC volatile organic compound
µg/m3 micrograms per cubic meter
U Not detected above laboratory reporting limit
J Estimated value
IA Indoor Air
OA Outdoor Air
HVAC Heating, Ventilation and Air Condiitoning

TABLE 13
SUMMARY OF SUB-SLAB SOIL VAPOR SAMPLING RESULTS

Former Sperry Remington Site - North Portion
Elmira, New York

				AlternateName	Auditorium	Custodian Break Room (M14)	Hallway Near Main Entrance	Room 100 (Library)	Room 101	Room 103 (Hallway)	Room 105	Room 111
				Field_ID	SSHS-07-14-14-16-SS	SSHS-07-14-14-18-SS	SSHS-07-13-14-01-SS	SSHS-07-13-14-09-SS	SSHS-07-14-14-10-SS	SSHS-07-14-14-14-SS	SSHS-07-14-14-15-SS	SSHS-07-14-14-13-SS
				Location	SSHS-16-SS	SSHS-18-SS	SSHS-01-SS	SSHS-09-SS	SSHS-10-SS	SSHS-14-SS	SSHS-15-SS	SSHS-13-SS
				Sample Date	7/14/2014	7/14/2014	7/13/2014	7/13/2014	7/14/2014	7/14/2014	7/14/2014	7/14/2014
Chemical Group	**Analyte**	**Units**	**EQ**	NYSDOH Matrix Criteria								
NYSDOH Matrix VOCs (Note 1)	Carbon tetrachloride	µg/m3	6.9	250	<7.4U	<28U	<14U	<6.9U	<7.1U	<7.2U	<74U	<7.2U
	Trichloroethene	µg/m3	5.9	250	<6.3U	<24U	<12U	<5.9U	<6U	**11**	<63U	**7.3**
	Vinyl chloride	µg/m3	2.8	250	<3U	<11U	<5.8U	<2.8U	<2.9U	<2.9U	<30U	<2.9U
	1,1,1-trichloroethane	µg/m3	6	1000	<6.4U	<24U	**42**	**17**	<6.1U	<6.2U	<64U	**9**
	1,1-dichloroethene	µg/m3	4.3	1000	<4.6U	<18U	<9U	<4.3U	<4.5U	<4.5U	<46U	<4.5U
	cis-1,2-dichloroethene	µg/m3	4.3	1000	<4.6U	<18U	<9U	<4.3U	<4.5U	<4.5U	<46U	<4.5U
	Tetrachloroethene	µg/m3	7.4	1000	<8U	<30U	<15U	**34**	**7.7**	<7.7U	<80U	**24**
Other Detected VOCs (Note 2)	1,2,4-trimethylbenzene	µg/m3	5.4		**6.3**	<22U	<11U	**72**	<5.5U	<5.6U	<58U	<5.6U
	1,3,5-trimethylbenzene	µg/m3	5.4		<5.8U	<22U	<11U	**20**	<5.5U	<5.6U	<58U	<5.6U
	1-methyl-4 ethyl benzene	µg/m3	5.4		<5.8U	<22U	<11U	**67**	<5.5U	<5.6U	<58U	<5.6U
	2,2,4-Trimethylpentane	µg/m3	5.1		<5.5U	<21U	<11U	<5.1U	<5.2U	**7.4**	<55U	<5.3U
	2-Propanol	µg/m3	11		<12U	<44U	<22U	<11U	<11U	<11U	<120U	<11U
	4-Methyl-2-pentanone	µg/m3	4.5		<4.8U	<18U	<9.3U	<4.5U	<4.6U	<4.7U	<48U	<4.7U
	Acetone	µg/m3	26		<28U	<110U	**200**	**210**	**97**	**45**	<280U	<27U
	Benzene	µg/m3	3.5		**5.2**	<14U	<7.3U	**86**	<3.6U	**3.8**	<38U	<3.6U
	Carbon disulfide	µg/m3	14		<15U	<56U	<28U	<14U	<14U	<14U	<150U	<14U
	Chloroform	µg/m3	5.3		<5.7U	<22U	<11U	<5.3U	<5.5U	<5.6U	<57U	<5.6U
	Cyclohexane	µg/m3	3.8		**7.7**	<15U	<7.8U	<3.8U	<3.9U	**6.1**	<40U	<3.9U
	Dichlorodifluoromethane	µg/m3	5.4		**270**	**5000**	**2800**	**140**	**120**	**620**	**22,000**	**1400**
	Ethanol	µg/m3	8.2		<8.8U	<34U	**64**	**100**	**63**	**51**	<88U	<8.6U
	Ethylbenzene	µg/m3	4.8		<5.1U	<20U	**9.9**	**68**	<4.9U	<4.9U	<51U	<5U
	Freon 113	µg/m3	8.4		<9U	<34U	<17U	<8.4U	<8.6U	<8.7U	<90U	<8.8U
	Heptane	µg/m3	4.5		**15**	<18U	<9.3U	**5.1**	<4.6U	<4.7U	<48U	<4.7U
	Hexane	µg/m3	3.8		**10**	<16U	<8U	**9.1**	<4U	**9**	<41U	<4U
	Isopropylbenzene	µg/m3	5.4		<5.8U	<22U	<11U	**7.2**	<5.5U	<5.6U	<58U	<5.6U
	Methyl Ethyl Ketone	µg/m3	13		<14U	<53U	**29**	**44**	**16**	<13U	<140U	<14U
	n-propylbenzene	µg/m3	5.4		<5.8U	<22U	<11U	**16**	<5.5U	<5.6U	<58U	<5.6U
	Styrene	µg/m3	4.7		**11**	<19U	**530**	**330**	<4.8U	<4.8U	<50U	<4.9U
	Toluene	µg/m3	4.1		**13**	<17U	<8.6U	**49**	<4.2U	**35**	<44U	<4.3U
	trans-1,2-dichloroethene	µg/m3	4.3		<4.6UJ	<18UJ	<9U	<4.3U	<4.5U	<4.5U	<46U	<4.5U
	Trichlorofluoromethane	µg/m3	6.2		<6.6U	**130**	<13U	<6.2U	**17**	<6.4U	<66U	<6.4U
	Xylene (m & p)	µg/m3	4.8		**9.4**	<20U	<9.9U	**300**	<4.9U	**14**	<51U	<5U
	Xylene (o)	µg/m3	4.8		<5.1U	<20U	<9.9U	**18**	<4.9U	**5**	<51U	<5U

TABLE 13
SUMMARY OF SUB-SLAB SOIL VAPOR SAMPLING RESULTS

Former Sperry Remington Site - North Portion
Elmira, New York

				AlternateName	Room 115	Room 116	Room 120	Room 122	Room 124	Room 125	Room 127	Room 129 (Guidance)
				Field_ID	SSHS-07-14-14-11-SS	SSHS-07-14-14-12-SS	SSHS-07-14-14-07-SS	SSHS-07-13-14-06-SS	SSHS-07-13-14-05-SS	SSHS-07-13-14-04-SS	SSHS-07-13-14-03-SS	SSHS-07-13-14-08-SS
				Location	SSHS-11-SS	SSHS-12-SS	SSHS-07-SS	SSHS-06-SS	SSHS-05-SS	SSHS-04-SS	SSHS-03-SS	SSHS-08-SS
				Sample Date	7/14/2014	7/14/2014	7/14/2014	7/13/2014	7/13/2014	7/13/2014	7/13/2014	7/13/2014
Chemical Group	**Analyte**	**Units**	**EQ**	NYSDOH Matrix Criteria								
NYSDOH Matrix VOCs (Note 1)	Carbon tetrachloride	µg/m3	6.9	250	<6.9U	<29U	<73U	<69U	<57U	<18U	<140U	<7.3U
	Trichloroethene	µg/m3	5.9	250	<5.9U	<24U	<62U	<59U	**2100**	**390**	**39,000**	<6.2U
	Vinyl chloride	µg/m3	2.8	250	<2.8U	<12U	<30U	<28U	<23U	<7.2U	<59U	<3U
	1,1,1-trichloroethane	µg/m3	6	1000	**14**	<25U	<63U	<60U	<50U	<15U	<120U	<6.3U
	1,1-dichloroethene	µg/m3	4.3	1000	<4.3U	<18U	<46U	<44U	<36U	<11U	<91U	<4.6U
	cis-1,2-dichloroethene	µg/m3	4.3	1000	<4.3U	<18U	<46U	<44U	<36U	<11U	**2000**	<4.6U
	Tetrachloroethene	µg/m3	7.4	1000	**29**	<31U	<78U	<75U	<62U	<19U	<160U	<7.8U
Other Detected VOCs (Note 2)	1,2,4-trimethylbenzene	µg/m3	5.4		<5.4U	<22U	<57U	<54U	<45U	<14U	<110U	<5.7U
	1,3,5-trimethylbenzene	µg/m3	5.4		<5.4U	<22U	<57U	<54U	<45U	<14U	<110U	<5.7U
	1-methyl-4 ethyl benzene	µg/m3	5.4		<5.4U	<22U	<57U	<54U	<45U	<14U	<110U	<5.7U
	2,2,4-Trimethylpentane	µg/m3	5.1		<5.1U	<21U	<54U	<51U	<42U	<13U	<110U	<5.4U
	2-Propanol	µg/m3	11		<11U	<45U	<110U	<110U	<89U	<28U	<230U	<11U
	4-Methyl-2-pentanone	µg/m3	4.5		<4.5U	<19U	**60**	<45U	<37U	<12U	<94U	<4.7U
	Acetone	µg/m3	26		<26U	<110U	**320**	<260U	<220U	<67U	<550U	**28**
	Benzene	µg/m3	3.5		<3.5U	<14U	<37U	<35U	<29U	<9U	<74U	<3.7U
	Carbon disulfide	µg/m3	14		<14U	<57U	<140U	<140U	<110U	<35U	<290U	<14U
	Chloroform	µg/m3	5.3		<5.3U	<22U	<56U	<54U	<44U	<14U	<110U	<5.6U
	Cyclohexane	µg/m3	3.8		<3.8U	<16U	<40U	<38U	<31U	<9.7U	<79U	<4U
	Dichlorodifluoromethane	µg/m3	5.4		**26**	**6900**	**18,000**	**12,000**	**13,000**	**3600**	**1100**	**79**
	Ethanol	µg/m3	8.2		**8.5**	<34U	<87U	<83U	<68U	<21U	<170U	<8.7U
	Ethylbenzene	µg/m3	4.8		<4.8U	<20U	<50U	<48U	<40U	<12U	<100U	<5U
	Freon 113	µg/m3	8.4		<8.4U	<35U	<88U	<84U	<70U	<22U	<180U	<8.8U
	Heptane	µg/m3	4.5		<4.5U	<19U	<47U	<45U	<37U	<12U	<94U	<4.7U
	Hexane	µg/m3	3.8		<3.8U	<16U	<41U	<39U	<32U	<10U	<81U	<4.1U
	Isopropylbenzene	µg/m3	5.4		<5.4U	<22U	<57U	<54U	<45U	<14U	<110U	<5.7U
	Methyl Ethyl Ketone	µg/m3	13		<13U	<54U	<140U	<130U	<110U	<33U	<270U	<14U
	n-propylbenzene	µg/m3	5.4		<5.4U	<22U	<57U	<54U	<45U	<14U	<110U	<5.7U
	Styrene	µg/m3	4.7		<4.7U	<19U	<49U	<47U	<39U	<12U	<98U	<4.9U
	Toluene	µg/m3	4.1		<4.1U	<17U	<44U	<41U	<34U	<11U	<87U	<4.4U
	trans-1,2-dichloroethene	µg/m3	4.3		<4.3U	<18U	<46U	<44U	<36U	<11U	**170**	<4.6U
	Trichlorofluoromethane	µg/m3	6.2		<6.2U	<26U	<65U	<62U	<51U	<16U	<130U	<6.5U
	Xylene (m & p)	µg/m3	4.8		<4.8U	<20U	<50U	<48U	<40U	<12U	<100U	<5U
	Xylene (o)	µg/m3	4.8		<4.8U	<20U	<50U	<48U	<40U	<12U	<100U	<5U

TABLE 13
SUMMARY OF SUB-SLAB SOIL VAPOR SAMPLING RESULTS

Former Sperry Remington Site - North Portion
Elmira, New York

				AlternateName	Room 130	Room 136A	Room 138A	Room 142 (Wellness Center)	Room 145 (Nurses Office)	Room 156 (Girls Locker Room)	Room 171 (Auxillary Gym)
				Field_ID	SSHS-07-14-14-02-SS	SSHS-07-14-14-17-SS	SSHS-07-14-14-19-SS	SSHS-07-14-14-20-SS	SSHS-07-14-14-21-SS	SSHS-07-14-14-23-SS	SSHS-07-14-14-22-SS
				Location	SSHS-02-SS	SSHS-17-SS	SSHS-19-SS	SSHS-20-SS	SSHS-21-SS	SSHS-23-SS	SSHS-22-SS
				Sample Date	7/14/2014	7/14/2014	7/14/2014	7/14/2014	7/14/2014	7/14/2014	7/14/2014
Chemical Group	**Analyte**	**Units**	**EQ**	NYSDOH Matrix Criteria							
NYSDOH Matrix VOCs (Note 1)	Carbon tetrachloride	µg/m3	6.9	250	<28U	<7U	<7.5U	<7.3U	<7U	<7.1U	<14U
	Trichloroethene	µg/m3	5.9	250	**7300**	<6U	<6.4U	<6.2U	**9.4J**	<6.1U	<12U
	Vinyl chloride	µg/m3	2.8	250	<12U	<2.8U	<3U	<3U	<2.8U	<2.9U	<5.9U
	1,1,1-trichloroethane	µg/m3	6	1000	<25U	<6.1U	<6.5U	**40**	<6.1UJ	<6.2U	<12U
	1,1-dichloroethene	µg/m3	4.3	1000	<18U	<4.4U	<4.7U	<4.6U	<4.4U	<4.5U	<9.1U
	cis-1,2-dichloroethene	µg/m3	4.3	1000	**83**	<4.4U	<4.7U	<4.6U	<4.4U	<4.5U	<9.1U
	Tetrachloroethene	µg/m3	7.4	1000	<31U	<7.6U	<8.1U	<7.8U	**16J**	<7.7U	<16U
Other Detected VOCs (Note 2)	1,2,4-trimethylbenzene	µg/m3	5.4		<22U	<5.5U	**8.6**	<5.7U	<5.5U	<5.6U	<11U
	1,3,5-trimethylbenzene	µg/m3	5.4		<22U	<5.5U	<5.9U	<5.7U	<5.5U	<5.6U	<11U
	1-methyl-4 ethyl benzene	µg/m3	5.4		<22U	<5.5U	**6.3**	<5.7U	<5.5U	<5.6U	<11U
	2,2,4-Trimethylpentane	µg/m3	5.1		<21U	<5.2U	<5.6U	<5.4U	<5.2U	<5.3U	<11U
	2-Propanol	µg/m3	11		<45U	<11U	<12U	<11U	<11U	<11U	**170**
	4-Methyl-2-pentanone	µg/m3	4.5		<18U	<4.6U	<4.9U	**14**	<4.6U	<4.6U	**2000**
	Acetone	µg/m3	26		<110U	**30**	<28U	<27U	<26UJ	**49**	**530**
	Benzene	µg/m3	3.5		<14U	<3.6U	**7.7**	**4.3**	<3.6U	<3.6U	<7.3U
	Carbon disulfide	µg/m3	14		<56U	<14U	<15U	<14U	**36J**	<14U	<29U
	Chloroform	µg/m3	5.3		<22U	<5.4U	<5.8U	<5.6U	<5.4U	**14**	<11U
	Cyclohexane	µg/m3	3.8		<16U	<3.8U	**7.3**	<4U	<3.8U	<3.9U	<7.9U
	Dichlorodifluoromethane	µg/m3	5.4		**3100**	**540**	**880**	**58**	**14J**	**33**	**48**
	Ethanol	µg/m3	8.2		<34U	<8.4U	<9U	<8.7U	<8.4UJ	<8.5U	<17U
	Ethylbenzene	µg/m3	4.8		<20U	<4.8U	<5.2U	<5U	<4.8U	<4.9U	<10U
	Freon 113	µg/m3	8.4		<35U	**13**	<9.2U	<8.8U	**15**	<8.7U	<18U
	Heptane	µg/m3	4.5		<19U	<4.6U	**11**	<4.7U	<4.6U	<4.6U	<9.4U
	Hexane	µg/m3	3.8		<16U	<3.9U	**13**	<4.1U	<3.9UJ	**4.5**	<8.1U
	Isopropylbenzene	µg/m3	5.4		<22U	<5.5U	<5.9U	**15**	<5.5U	<5.6U	<11U
	Methyl Ethyl Ketone	µg/m3	13		<54U	<13U	<14U	<14U	<13U	**19**	**44**
	n-propylbenzene	µg/m3	5.4		<22U	<5.5U	<5.9U	<5.7U	<5.5U	<5.6U	<11U
	Styrene	µg/m3	4.7		<19U	<4.7U	<5.1U	<4.9U	<4.7U	<4.8U	<9.8U
	Toluene	µg/m3	4.1		<17U	<4.2U	**24**	**6.6**	<4.2UJ	**12**	<8.7U
	trans-1,2-dichloroethene	µg/m3	4.3		**22**	<4.4UJ	<4.7UJ	<4.6U	<4.4UJ	<4.5U	<9.1UJ
	Trichlorofluoromethane	µg/m3	6.2		<26U	<6.3U	<6.7U	<6.5U	<6.3U	<6.3U	<13U
	Xylene (m & p)	µg/m3	4.8		<20U	<4.8U	**23**	**64**	<4.8UJ	**6.7**	<10U
	Xylene (o)	µg/m3	4.8		<20U	<4.8U	**5.6**	<5U	<4.8U	<4.9U	<10U

Notes

1 Soil Vapor/Indoor Air Matrix 1 and 2 (NYSDOH, 2006 and subsequent updates)
2 Only VOCs detected in at least one (1) sample are shown. See analytical report for complete results.
3 Detections are shown in bold.
4 Sub-slab vapor concentrations above the NYSDOH Matrix Criteria are presented in grey.
VOC volatile organic compound
µg/m3 micrograms per cubic meter
U Not detected above laboratory reporting limit
J Estimated value
HVAC Heating, Ventilation and Air Condiitoning

Data from Interim Remedial Measures Work Plan, Revised Final (Geosyntec, 2017c)

TABLE 2
PCB Results for Surface and Shallow Subsurface Soil
Former Sperry Remington Site - North
Elmira, New York

				Polychlorinated Biphenyls									
				Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1268	Aroclor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00067	0.00085	0.00077	0.00073	0.0017	0.0024	0.00064	0.00057	0.00098	
Surface Soil Criteria													1
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sampled Date**										
A-Wing	SSHS-B15	0-0.25	5/10/2000	<0.043U	<0.043U	<0.043U	<0.043U	0.19	<0.043U	<0.043U	-	-	0.19
A-Wing	SSHS-B15	0.75-1	7/11/2000	<0.038U	<0.038U	<0.038U	<0.038U	0.042	<0.038U	<0.038U	-	-	0.042
A-Wing	SSHS-B15	1-1.5	7/27/2000	<0.037U	<0.037U	<0.037U	<0.037U	0.11	<0.037U	<0.037U	-	-	0.11
A-Wing	SSHS-B15-A	0-0.17	7/22/2014	<0.00067U	<0.00085U	<0.00077U	<0.00073U	0.086J	0.066J	<0.00064U	<0.00057U	<0.00098U	0.152
A-Wing	SSHS-B15-A	0.17-1	7/22/2014	<0.0033U	<0.0042U	<0.0038U	<0.0036U	4.6J	1.9J	<0.0031U	<0.0028U	<0.0048U	6.5
A-Wing	SSHS-B15-A	1-2	7/22/2014	<0.00067U	<0.00086U	<0.00077U	<0.00073U	0.4J	0.15J	<0.00064U	<0.00058U	<0.00098U	0.55
A-Wing	SSHS-B15-B	0-0.17	7/22/2014	<0.0014U	<0.0018U	<0.0016U	<0.0015U	0.62J	0.4J	<0.0013U	<0.0012U	<0.0021U	1.02
A-Wing	SSHS-B15-B	0.17-1	7/22/2014	<0.0066U	<0.0084U	<0.0075U	<0.0072U	4.3J	2J	<0.0063U	<0.0057U	<0.0097U	6.3
A-Wing	SSHS-B15-B	1-2	7/22/2014	<0.0013U	<0.0017U	<0.0015U	<0.0015U	0.088J	0.056J	<0.0013U	<0.0011U	<0.002U	0.144
A-Wing	SSHS-B15-C	0-0.17	7/22/2014	<0.0013U	<0.0017U	<0.0015U	<0.0015U	0.038J	0.032J	<0.0013U	<0.0011U	<0.002U	0.07
A-Wing	SSHS-B15-C	0.17-1	7/22/2014	<0.0066U	<0.0085U	<0.0076U	<0.0072U	4J	1.7J	<0.0063U	<0.0057U	<0.0097U	5.7
A-Wing	SSHS-B15-C	1-2	7/22/2014	<0.0013U	<0.0017U	<0.0015U	<0.0015U	0.81J	0.33J	<0.0013U	<0.0012U	0.029J	1.169
A-Wing	SSHS-B243	0-2	7/30/2015	<0.0041U	<0.005U	<0.0069U	<0.005U	0.36J	0.23J	0.049J	<0.004U	<0.0074U	0.639
A-Wing	SSHS-B246	0-2	7/30/2015	<0.004U	<0.005U	<0.0068U	<0.005U	0.27J	0.19J	0.026J	<0.004U	<0.0073U	0.486
A-Wing	SSHS-B247	0-2	7/20/2015	<0.004U	<0.0048U	<0.0067U	<0.0049U	0.032J	0.018J	0.0057J	<0.0039U	<0.0072U	0.0557
A-Wing	SSHS-B248	0-2	7/20/2015	<0.0041U	<0.005U	<0.0069U	<0.005U	0.74J	0.35J	0.038J	<0.004U	<0.0074U	1.128
A-Wing	SSHS-B249	0-2	7/30/2015	<0.0041U	<0.005U	<0.0069U	<0.005U	0.021J	0.017J	0.0062J	<0.004U	<0.0074U	0.0442
A-Wing	SSHS-B250	0-2	7/30/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.57J	0.47J	0.095J	<0.0039U	<0.0071U	1.135
A-Wing	SSHS-B251	0-2	7/20/2015	<0.0042U	<0.0052U	<0.0071U	<0.0052U	0.77J	0.33J	0.046J	<0.0041U	<0.0076U	1.146
A-Wing	SSHS-B252	0-2	7/20/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.098J	0.051J	0.0051J	<0.0038U	<0.007U	0.1541
A-Wing	SSHS-B253	0-2	7/30/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	0.086J	0.072J	0.025J	<0.0037U	<0.0067U	0.183
A-Wing	SSHS-B254	0-2	7/30/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.33J	0.2J	0.029J	<0.0038U	<0.007U	0.559
A-Wing	SSHS-B255	0-2	7/30/2015	<0.004U	<0.0049U	<0.0068U	<0.005U	0.97J	0.61J	0.087J	<0.0039U	<0.0072U	1.667
A-Wing	SSHS-B256	0-2	7/20/2015	<0.19U	<0.23U	<0.32U	<0.23U	68J	33J	3.5J	<0.19U	<0.34U	104.5
A-Wing	SSHS-B257	0-2	7/30/2015	<0.0042U	<0.0052U	<0.0071U	<0.0052U	0.48J	0.28J	0.041J	<0.0041U	<0.0076U	0.801
A-Wing	SSHS-B338	0-2	3/9/2016	<0.0093U	<0.015U	<0.0051U	<0.0075U	4J	1.5J	0.21J	<0.0038U	<0.0063U	5.71
A-Wing	SSHS-B339	0-2	3/9/2016	<0.0093U,F2	<0.015U	<0.0051U	<0.0075U	0.66J	0.29J	0.058J	<0.0038U	<0.0063U	1.008
A-Wing	SSHS-B464	0-2	8/29/2016	<0.0086U	<0.014U	<0.0047U	<0.007U	0.027J	0.02J	<0.0065U	<0.0035U	<0.0058U	0.047
A-Wing	SSHS-B466	0-2	8/29/2016	<0.17U,F1	<0.26U	<0.092U	<0.14U	37J	16J	1.1J	<0.068U	<0.11U	54.1
A-Wing	SSHS-B467	0-2	8/29/2016	<4.3U	<6.7U	<2.3U	<3.4U	1600J	630J	49J	<1.7U	<2.9U	2279
A-Wing	SSHS-B477	0-2	8/29/2016	<0.0087U	<0.014U	<0.0048U	<0.007U	0.3J	0.2J	0.029J	<0.0036U	<0.0059U	0.529
A-Wing	SSHS-B479	0-2	8/29/2016	<0.0087U	<0.014U	<0.0048U	<0.007U	1.9J	1J	0.11J	<0.0036U	<0.0059U	3.01
A-Wing	SSHS-B623	0-2	2/16/2017	<0.097U	<0.095U	<0.072U	<0.15U	24J	5.7J	0.98J	<0.056U	<0.13U	30.68
A-Wing	SSHS-B647	0-2	2/16/2017	<0.01U	<0.01U	<0.0077U	<0.015U	0.028J	0.014J	<0.013U	<0.0059U	<0.014U	0.042
A-Wing	SSHS-B648	0-2	2/15/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	0.25J	0.14J	0.037J	<0.0057U	<0.013U	0.427
A-Wing	SSHS-B688	0-2	3/21/2017	<0.011U	<0.01U	<0.0079U	<0.016U	0.18	0.034p	0.022	<0.0061U	<0.014U	0.236
A-Wing	SSHS-B702	0-2	3/21/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	0.41	0.12	0.041	<0.0056U	<0.013U	0.571
A-Wing	SSHS-B703	0-2	3/23/2017	<0.011U	<0.011U	<0.0083U	<0.017U	0.15	0.058	0.015J	<0.0064U	<0.015U	0.223
A-Wing	SSHS-B738	0-2	4/13/2017	<0.098U	<0.096U	<0.073U	<0.15U	27	11	1.8	<0.057U	<0.13U	39.8
A-Wing	SSHS-B743	0-2	4/13/2017	<0.011U	<0.011U	<0.0082U	<0.016U	0.54	0.25	0.056	<0.0063U	<0.015U	0.846
A-Wing	SSHS-B744	0-2	4/13/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.33	0.12	0.025	<0.0057U	<0.013U	0.475
A-Wing	SSHS-SS13	0-0	9/12/2000	<0.039U	<0.039U	<0.039U	<0.039U	0.19	<0.039U	<0.039U	-	-	0.19
Football Field SW	SSHS-B328	0-2	3/3/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	1.9J	0.74J	0.081J	<0.0036U	<0.0059U	2.721
Football Field SW	SSHS-B438	0-2	8/26/2016	<0.084U,F1	<0.13U	<0.046U	<0.068U	5.2J	2.6J	0.38J	<0.034U	<0.057U	8.18
Football Field SW	SSHS-B439	0-2	8/26/2016	<0.41U	<0.65U	<0.23U	<0.33U	88J	42J	4.2J	<0.17U	<0.28U	134.2
Football Field SW	SSHS-B440	0-2	8/26/2016	<0.17UJ	<0.26U	<0.092U	<0.13U	38J	14J	1.9J	<0.068U	<0.11U	53.9
Football Field SW	SSHS-B443	0-2	9/14/2016	<0.0085U,F1	<0.013U	<0.0047U	<0.0069U	3.5J	1.3J	0.21J	<0.0035U	<0.0058U	5.01
Football Field SW	SSHS-B444	0-2	8/26/2016	<0.0081U	<0.013U	<0.0044U	<0.0066U	4.4J	1.8J	0.43J	<0.0033U	<0.0055U	6.63
Football Field SW	SSHS-B461	0-2	8/31/2016	<0.04U	<0.064U	<0.022U	<0.033U	8J	2.4J	0.5J	<0.016U	<0.027U	10.9
Football Field SW	SSHS-B462	0-2	8/31/2016	<0.0089U,F1	<0.014U	<0.0048U	<0.0071U	5J	1.5J	0.25J	<0.0036U	<0.006U	6.75
Football Field SW	SSHS-B463	0-2	8/31/2016	<0.0089U	<0.014U	<0.0049U	<0.0072U	4.8J	1.6J	0.3J	<0.0036U	<0.0061U	6.7
Football Field SW	SSHS-B619	0-2	2/14/2017	<0.0096U,F1	<0.0094U	<0.0072U	<0.014U	2.3J	0.89J	0.17J	<0.0055U	<0.013U	3.36
Football Field SW	SSHS-B620	0-2	2/13/2017	<0.011U	<0.01U	<0.0079U	<0.016U	3.7J	1.4J	0.36J	<0.0061U	<0.014U	5.46
Football Field SW	SSHS-B650	0-2	2/14/2017	<0.097U	<0.095U	<0.073U	<0.15U	12J	3.9J	0.62J	<0.056U	<0.13U	16.52
Football Field SW	SSHS-B651	0-2	2/14/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	1.5J	0.54J	0.1J	<0.0055U	<0.013U	2.14
Football Field SW	SSHS-B652	0-2	2/14/2017	<0.094U	<0.092U	<0.07U	<0.14U	20J	4.8J	0.89J	<0.054U	<0.13U	25.69
Football Field SW	SSHS-B8	0-0.25	5/11/2000	<0.041U	<0.041U	<0.041U	<0.041U	0.23	<0.041U	0.054	-	-	0.284
Main Parking Lot	SSHS-B16	1-2	5/10/2000	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	-	-	<0
Main Parking Lot	SSHS-B17	1-3	5/10/2000	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	-	-	<0
Main Parking Lot	SSHS-B267	0-2	7/30/2015	<0.0036U	<0.0044U	<0.0061U	<0.0044U	0.029J	0.032J	0.0091J	<0.0035U	<0.0065U	0.0701
Main Parking Lot	SSHS-B329	0-2	3/3/2016	<0.0079U	<0.012U	<0.0043U	<0.0064U	0.18J	0.059J	0.012J	<0.0032U	<0.0053U	0.251
Main Parking Lot	SSHS-B334	0-2	3/3/2016	<0.008U	<0.013U	<0.0044U	<0.0065U	0.54J	0.2J	0.044J	<0.0033U	<0.0054U	0.784
Main Parking Lot	SSHS-B455	0-2	8/30/2016	<0.0079U	<0.012U	<0.0043U	<0.0064U	<0.004U	<0.0064U	<0.0059U	<0.0032U	<0.0054U	0
Main Parking Lot	SSHS-B456	0-2	8/30/2016	<0.008U	<0.013U	<0.0044U	<0.0065U	<0.0041U	<0.0065U	<0.006U	<0.0033U	<0.0054U	0
Main Parking Lot	SSHS-B457	0-2	8/30/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	0.022J	0.016J	<0.0062U	<0.0034U	<0.0056U	0.038
Main Parking Lot	SSHS-B473	0-2	8/30/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.3J	0.11J	0.014J	<0.0034U	<0.0057U	0.424
Main Parking Lot	SSHS-B634	0-2	2/10/2017	<0.0092U	<0.0089U	<0.0068U	<0.014U	0.019J	0.0077J	<0.012U	<0.0053U	<0.012U	0.0267
Main Parking Lot	SSHS-B636	0-2	2/13/2017	<0.009U	<0.0088U	<0.0067U	<0.013U	0.024J	0.014J	<0.011U	<0.0052U	<0.012U	0.038
Main Parking Lot	SSHS-B637	0-2	2/13/2017	<0.009U	<0.0088U	<0.0067U	<0.014U	<0.0081U	<0.0075U	<0.011U	<0.0052U	<0.012U	<0
Main Parking Lot	SSHS-B638	0-2	2/16/2017	<0.0091U	<0.0089U	<0.0068U	<0.014U	0.027J	0.017J	<0.011U	<0.0052U	<0.012U	0.044
Main Parking Lot	SSHS-B639	0-2	2/13/2017	<0.0093U	<0.0091U	<0.007U	<0.014U	0.084J	0.042J	0.012J	<0.0054U	<0.013U	0.138
Main Parking Lot	SSHS-B640	0-2	2/13/2017	<0.0094U	<0.0091U	<0.007U	<0.014U	0.019J	0.0099J	<0.012U	<0.0054U	<0.013U	0.0289
Main Parking Lot	SSHS-B641	0-2	2/13/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.033J	0.025J	<0.012U	<0.0055U	<0.013U	0.058
Main Parking Lot	SSHS-B642	0-2	2/13/2017	<0.009U	<0.0088U	<0.0067U	<0.014U	<0.0081U	<0.0074U	<0.011U	<0.0052U	<0.012U	<0
Main Parking Lot	SSHS-B643	0-2	2/16/2017	<0.0091U	<0.0089U	<0.0068U	<0.014U	0.015J	0.015J	<0.011U	<0.0052U	<0.012U	0.03
Main Parking Lot	SSHS-B73	0.17-2	8/13/2014	<0.0028U	<0.0036U	<0.0032U	<0.003U	0.042	<0.0027U	<0.0027U	<0.0024U	<0.0041U	0.042
Main Parking Lot	SSHS-B74	0-0.17	8/13/2014	<0.0032U	<0.0041U	<0.0037U	<0.0035U	<0.002U	<0.0031U	<0.0031U	<0.0028U	<0.0047U	<0
Main Parking Lot	SSHS-B74	0.17-2	8/13/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	0.033	<0.0026U	<0.016J	<0.0024U	<0.004U	0.033
Main Parking Lot	SSHS-B78	0.17-2	8/14/2014	<0.0028U	<0.0036U	<0.0032U	<0.0031U	0.63	<0.0027U	0.13	<0.0024U	<0.0041U	0.76
Main Parking Lot	SSHS-B79	0.17-2	8/14/2014	<0.0028U	<0.0036U	<0.0032U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
Main Parking Lot	SSHS-B80	0.17-2	8/14/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.0039U	<0
Main Parking Lot	SSHS-B81	0.17-2	8/14/2014	<0.0027U	<0.0035U	<0.0032U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
Main Parking Lot	SSHS-B82	0.17-2	8/13/2014	<0.0028U	<0.0036U	<0.0032U	<0.003U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
Main Parking Lot	SSHS-B83	0.17-2	8/14/2014	<0.0027U	<0.0035U	<0.0032U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
Main Parking Lot	SSHS-B84	0.17-2	8/14/2014	<0.0027U	<0.0035U	<0.0032U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
Main Parking Lot	SSHS-B85	0.17-2	8/13/2014	<0.0028U	<0.0036U	<0.0032U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
Main Parking Lot	SSHS-B86	0.17-2	8/13/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
Main Parking Lot	SSHS-B87	0.17-2	8/14/2014	<0.0027U	<0.0035U	<0.0032U	<0.003U	0.15	<0.0026U	0.035	<0.0024U	<0.004U	0.185
Main Parking Lot	SSHS-B88	0.17-2	8/13/2014	<0.0028U	<0.0036U	<0.0032U	<0.003U	0.049	<0.0027U	0.036	<0.0024U	<0.0041U	0.085
Main Parking Lot	SSHS-B89	0.17-2	8/13/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	0.019	<0.0025U	<0.0073J	<0.0023U	<0.0039U	0.019
Main Parking Lot	SSHS-B90	0.17-2	8/13/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	0.067	<0.0026U	0.059p	<0.0024U	<0.004U	0.126
Main Parking Lot	SSHS-B91	0-0.17	8/13/2014	<0.0033U	<0.0042U	<0.0038U	<0.0036U	<0.0021U	<0.0031U	<0.0031U	<0.0028U	<0.0048U	<0
Main Parking Lot	SSHS-B91	0.17-2	8/13/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.0039U	<0
South of Athletic Stands	SSHS-B259	0-2	7/29/2015	<0.0037U	<0.0045U	<0.0063U	<0.0046U	0.7J	0.15J	0.091J	<0.0036U	<0.0067U	0.941
South of Athletic Stands	SSHS-B260	0-2	7/29/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	1.2J	0.8J	0.098J	<0.0037U	<0.0067U	2.098
South of Athletic Stands	SSHS-B261	0-2	7/17/2015	<0.004U	<0.0049U	<0.0067U	<0.0049U	1.4J	0.79J	0.12J	<0.0039U	<0.0072U	2.31
South of Athletic Stands	SSHS-B262	0-2	7/29/2015	<0.0037U	<0.0045U	<0.0063U	<0.0046U	1.5J	0.83J	0.11J	<0.0036U	<0.0067U	2.44

TABLE 2
PCB Results for Surface and Shallow Subsurface Soil
Former Sperry Remington Site - North
Elmira, New York

				Polychlorinated Biphenyls									
				Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1268	Aroclor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00067	0.00085	0.00077	0.00073	0.0017	0.0024	0.00064	0.00057	0.00098	
Surface Soil Criteria													1
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sampled Date**										
South of Athletic Stands	SSHS-B264	0-2	7/17/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	2.1J	1.4J	0.32J	<0.0037U	<0.0068U	3.82
South of Athletic Stands	SSHS-B265	0-2	7/17/2015	<0.019U	<0.023U	<0.032U	<0.023U	7.2J	3.3J	0.51J	<0.019U	<0.034U	11.01
South of Athletic Stands	SSHS-B266	0-2	7/17/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	1.9J	1.2J	0.25J	<0.0037U	<0.0067U	3.35
South of Athletic Stands	SSHS-B268	0-2	7/29/2015	<0.038U	<0.046U	<0.064U	<0.047U	6.4J	0.86J	0.38J	<0.037U	<0.068U	7.64
South of Athletic Stands	SSHS-B269	0-2	7/17/2015	<0.038U	<0.047U	<0.065U	<0.048U	25J	11J	1.4J	<0.038U	<0.07U	37.4
South of Athletic Stands	SSHS-B270	0-2	7/17/2015	<0.004U	<0.0049U	<0.0068U	<0.0049U	1.9J	0.96J	0.18J	<0.0039U	<0.0072U	3.04
South of Athletic Stands	SSHS-B271	0-2	7/17/2015	<0.0041U	<0.0051U	<0.007U	<0.0051U	3J	1.7J	0.32J	<0.0041U	<0.0075U	5.02
South of Athletic Stands	SSHS-B273	0-2	7/29/2015	<0.0037U	<0.0045U	<0.0063U	<0.0046U	1.1J	1J	0.21J	<0.0037U	<0.0067U	2.31
South of Athletic Stands	SSHS-B274	0-2	7/29/2015	<0.0037U	<0.0045U	<0.0062U	<0.0046U	3.3J	2.2J	0.24J	<0.0036U	<0.0067U	5.74
South of Athletic Stands	SSHS-B275	0-2	7/17/2015	<0.004U	<0.0049U	<0.0068U	<0.005U	1.8J	1J	0.19J	<0.004U	<0.0073U	2.99
South of Athletic Stands	SSHS-B276	0-2	7/29/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	3.5J	0.33J	0.23J	<0.0037U	<0.0067U	4.06
South of Athletic Stands	SSHS-B277	0-2	7/29/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	2.3J	0.72J	0.15J	<0.0037U	<0.0067U	3.17
South of Athletic Stands	SSHS-B278	0-2	7/16/2015	<0.004U	<0.0049U	<0.0068U	<0.005U	0.69J	0.36J	0.06J	<0.0039U	<0.0072U	1.11
South of Athletic Stands	SSHS-B279	0-2	7/29/2015	<0.0037U	<0.0045U	<0.0062U	<0.0045U	1.7J	0.52J	0.15J	<0.0036U	<0.0066U	2.37
South of Athletic Stands	SSHS-B280	0-2	7/16/2015	<0.004U	<0.0049U	<0.0067U	<0.0049U	1.1J	0.69J	0.07J	<0.0039U	<0.0072U	1.86
South of Athletic Stands	SSHS-B281	0-2	7/17/2015	<0.019U	<0.023U	<0.032U	<0.023U	5.9J	3.1J	0.29J	<0.019U	<0.034U	9.29
South of Athletic Stands	SSHS-B282	0-2	7/29/2015	<0.0037U	<0.0045U	<0.0062U	<0.0045U	1.5J	0.68J	0.15J	<0.0036U	<0.0066U	2.33
South of Athletic Stands	SSHS-B283	0-2	7/16/2015	<0.077U	<0.095U	<0.13U	<0.096U	12J	5.4J	<0.083U	<0.076U	<0.14U	17.4
South of Athletic Stands	SSHS-B284	0-2	7/29/2015	<0.037U	<0.045U	<0.062U	<0.045U	9.4J	2.8J	0.54J	<0.036U	<0.066U	12.74
South of Athletic Stands	SSHS-B327	0-2	3/3/2016	<0.0087U	<0.014U	<0.0048U	<0.0071U	0.99J	0.78J	0.18J	<0.0036U	<0.0059U	1.95
South of Athletic Stands	SSHS-B331	0-2	3/3/2016	<0.0091U	<0.014U	<0.005U	<0.0074U	0.91J	0.48J	0.099J	<0.0037U	<0.0062U	1.489
South of Athletic Stands	SSHS-B332	0-2	3/3/2016	<0.009U	<0.014U	<0.0049U	<0.0072U	0.4J	0.18J	0.046J	<0.0037U	<0.0061U	0.626
South of Athletic Stands	SSHS-B333	0-2	3/3/2016	<0.0093U	<0.015U	<0.0051U	<0.0075U	1.3J	0.75J	0.17J	<0.0038U	<0.0063U	2.22
South of Athletic Stands	SSHS-B335	0-2	3/3/2016	<0.0094U	<0.015U	<0.0051U	<0.0076U	2.3J	1J	0.23J	<0.0038U	<0.0064U	3.53
South of Athletic Stands	SSHS-B336	0-2	3/3/2016	<0.0096U	<0.015U	<0.0053U	<0.0078U	6.1J	3.7J	0.72J	<0.0039U	<0.0065U	10.52
South of Athletic Stands	SSHS-B344	0-2	3/3/2016	<0.0084U	<0.013U	<0.0046U	<0.0067U	2.6J	1.4J	0.36J	<0.0034U	<0.0057U	4.36
South of Athletic Stands	SSHS-B453	0-2	8/24/2016	<0.0086U	<0.014U	<0.0047U	<0.007U	1.6J	1J	0.14J	<0.0035U	<0.0058U	2.74
South of Athletic Stands	SSHS-B454	0-2	8/24/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	2.4J	1J	0.23J	<0.0034U	<0.0056U	3.63
South of Athletic Stands	SSHS-B458	0-2	8/24/2016	<0.0083U	<0.013U	<0.0046U	<0.0067U	1.6J	0.92J	0.12J	<0.0034U	<0.0057U	2.64
South of Athletic Stands	SSHS-B460	0-2	8/31/2016	<0.041U	<0.065U	<0.023U	<0.033U	10J	3.1J	0.71J	<0.017U	<0.028U	13.81
South of Athletic Stands	SSHS-B481	0-0.17	8/24/2016	<0.0091U	<0.014U	<0.005U	<0.0073U	0.4J	0.16J	0.043J	<0.0037U	<0.0061U	0.603
South of Athletic Stands	SSHS-B624	0-0.17	2/10/2017	<0.012U	<0.012U	<0.009U	<0.018U	1.2J	0.9J	0.15J	<0.0069U	<0.016U	2.25
South of Athletic Stands	SSHS-B624	0.17-2	2/9/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	3.4J	1.5J	0.35J	<0.0058U	<0.014U	5.25
South of Athletic Stands	SSHS-B70	0-0.17	8/14/2014	<0.0032U	<0.0041U	<0.0037U	<0.0035U	0.74	<0.003U	0.083	<0.0027U	<0.0047U	0.823
South of Athletic Stands	SSHS-B70	0.17-2	8/14/2014	<0.0028U	<0.0036U	<0.0032U	<0.003U	1.4	<0.0027U	0.1	<0.0024U	<0.0041U	1.5
South of Athletic Stands	SSHS-SS12	0-0	9/12/2000	<0.04U	<0.04U	<0.04U	<0.04U	2.8D	<0.04U	0.24	-	-	3.04
South of Athletic Stands	SSHS-SS12-A	0-0.17	7/22/2014	<0.00074U	<0.00095U	<0.00086U	<0.00081U	0.37J	0.21J	<0.00071U	<0.00064U	<0.0011U	0.58
South of Athletic Stands	SSHS-SS12-A	0.17-1	7/22/2014	<0.00068U	<0.00087U	<0.00078U	<0.00074U	0.93J	0.45J	<0.00065U	<0.00059U	<0.001U	1.38
South of Athletic Stands	SSHS-SS12-A	1-2	7/22/2014	<0.013U	<0.017U	<0.015U	<0.014U	23J	9.1J	<0.013U	<0.011U	<0.019U	32.1
South of Athletic Stands	SSHS-SS12-B	0-0.17	7/22/2014	<0.0036U	<0.0046U	<0.0041U	<0.0039U	2.1J	2.2J	<0.0034U	<0.0031U	<0.0052U	4.3
South of Athletic Stands	SSHS-SS12-B	0.17-1	7/22/2014	<0.0034U	<0.0044U	<0.0039U	<0.0037U	1.5J	1.1J	<0.0032U	<0.0029U	<0.005U	2.6
South of Athletic Stands	SSHS-SS12-B	1-2	7/22/2014	<0.0067U	<0.0086U	<0.0077U	<0.0073U	5.7J	3.6J	<0.0064U	<0.0058U	<0.0098U	9.3
South of Athletic Stands	SSHS-SS12-C	0-0.17	7/22/2014	<0.00074U	<0.00094U	<0.00085U	<0.00081U	0.3J	0.26J	<0.0007U	<0.00064U	<0.0011U	0.56
South of Athletic Stands	SSHS-SS12-C	0.17-1	7/22/2014	<0.0034U	<0.0043U	<0.0039U	<0.0037U	1.6J	0.88J	<0.0032U	<0.0029U	<0.0049U	2.48
South of Athletic Stands	SSHS-SS12-C	1-2	7/22/2014	<0.0066U	<0.0084U	<0.0076U	<0.0072U	9.9J	4.5J	<0.0063U	<0.0057U	<0.0097U	14.4
Tennis Court	SSHS-B14	0-0.25	5/10/2000	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	-	-	<0
Tennis Court	SSHS-B285	0-2	7/14/2015	<0.0038U	<0.0046U	<0.0064U	<0.0047U	0.51J	0.29J	0.077J	<0.0037U	<0.0069U	0.877
Tennis Court	SSHS-B286	0-2	7/14/2015	<0.0038U	<0.0047U	<0.0065U	<0.0047U	1.7J	0.7J	0.19J	<0.0038U	<0.0069U	2.59
Tennis Court	SSHS-B287	0-2	7/14/2015	<0.0038U	<0.0047U	<0.0065U	<0.0048U	2.3J	0.84J	0.24J	<0.0038U	<0.007U	3.38
Tennis Court	SSHS-B288	0-2	7/24/2015	<0.0036U	<0.0045U	<0.0062U	<0.0045U	1J	0.63J	0.18J	<0.0036U	<0.0066U	1.81
Tennis Court	SSHS-B289	0-0	7/24/2015	<0.0037U	<0.0045U	<0.0062U	<0.0045U	1J	0.68J	0.2J	<0.0036U	<0.0066U	1.88
Tennis Court	SSHS-B290	0-2	7/24/2015	<0.0038U	<0.0046U	<0.0064U	<0.0047U	1.1J	0.79J	0.26J	<0.0037U	<0.0068U	2.15
Tennis Court	SSHS-B306	0-2	3/1/2016	<0.0085U	<0.013U	<0.0047U	<0.0069U	1.4J	0.8J	0.3J	<0.0035U	<0.0058U	2.5
Tennis Court	SSHS-B307	0-2	3/1/2016	<0.0092U	<0.015U	<0.0051U	<0.0074U	2.4J	1.5J	0.56J	<0.0038U	<0.0063U	4.46
Tennis Court	SSHS-B36	0-0	9/12/2000	<0.037U	<0.037U	<0.037U	<0.037U	0.079	<0.037U	<0.037U	-	-	0.079
Tennis Court	SSHS-B36	0.5-2.5	9/12/2000	<0.035U	<0.035U	<0.035U	<0.035U	0.28D	<0.035U	0.1	-	-	0.38
Tennis Court	SSHS-B37	0-0	9/12/2000	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	-	-	<0
Tennis Court	SSHS-B37	0.5-2.5	9/12/2000	<0.034U	<0.034U	<0.034U	<0.034U	<0.034U	<0.034U	<0.034U	-	-	<0
Tennis Court	SSHS-B38	0-0	9/12/2000	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	-	-	<0
Tennis Court	SSHS-B38	1-4.5	9/12/2000	<0.037U	<0.037U	<0.037U	<0.037U	0.74D	<0.037U	0.13	-	-	0.87
Tennis Court	SSHS-B397	0-2	8/25/2016	<0.0086U	<0.014U	<0.0047U	<0.0069U	0.49J	0.43J	0.16J	<0.0035U	<0.0058U	1.08
Tennis Court	SSHS-B398	0-2	8/25/2016	<0.0089U	<0.014U	<0.0049U	<0.0072U	0.47J	0.32J	0.13J	<0.0036U	<0.006U	0.92
Tennis Court	SSHS-B399	0-2	8/25/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.21J	0.15J	0.055J	<0.0034U	<0.0057U	0.415
Tennis Court	SSHS-B400	0-2	8/25/2016	<0.0085U	<0.013U	<0.0047U	<0.0069U	0.28J	0.21J	0.09J	<0.0035U	<0.0058U	0.58
Tennis Court	SSHS-B401	0-2	8/25/2016	<0.0084U	<0.013U	<0.0046U	<0.0067U	0.21J	0.18J	0.076J	<0.0034U	<0.0057U	0.466
Tennis Court	SSHS-B402	0-2	8/30/2016	<0.0085U	<0.013U	<0.0046U	<0.0068U	0.059J	0.082J	0.027J	<0.0035U	<0.0057U	0.168
Tennis Court	SSHS-B403	0-2	8/30/2016	<0.0085U	<0.013U	<0.0046U	<0.0068U	0.54J	0.37J	0.1J	<0.0035U	<0.0058U	1.01
Tennis Court	SSHS-B577	0-0.17	2/10/2017	<0.013U	<0.012U	<0.0094U	<0.019U	<0.011J	<0.01J	0.017J	<0.0072U	<0.017U	0.017
Tennis Court	SSHS-B577	0.17-2	2/10/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	2.3J	0.96J	0.6J	<0.0058U	<0.014U	3.86
Tennis Court	SSHS-B578	0-2	2/15/2017	<0.0097U	<0.0094U	<0.0072U	<0.014U	0.68J	0.67J	0.27J	<0.0055U	<0.013U	1.62
Tennis Court	SSHS-B579	0-2	2/15/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	1.1J	0.87J	0.25J	<0.0056U	<0.013U	2.22
Tennis Court	SSHS-B586	0-0.17	2/10/2017	<0.012U	<0.012U	<0.0089U	<0.018U	<0.011J	<0.0098J	<0.015J	<0.0068U	<0.016U	<0
Tennis Court	SSHS-B586	0.17-2	2/10/2017	<0.0097U,F1	<0.0095U	<0.0073U	<0.015U	0.84	0.37	0.15	<0.0056U	<0.013U	1.36
Tennis Court	SSHS-B587	0-2	2/15/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	0.063J	0.041J	<0.012U	<0.0054U	<0.013U	0.104
Tennis Court	SSHS-B588	0-0.17	2/15/2017	<0.012U	<0.011U	<0.0088U	<0.018U	<0.011U	0.018J	<0.015U	<0.0067U	<0.016U	0.018
Tennis Court	SSHS-B588	0.17-2	2/15/2017	<0.011U	<0.01U	<0.0079U	<0.016U	<0.0095U	0.054J	0.035J	<0.0061U	<0.014U	0.089
Tennis Court	SSHS-B589	0-0.17	2/15/2017	<0.012U	<0.012U	<0.009U	<0.018U	<0.011U	<0.01U	<0.015U	<0.0069U	<0.016U	0
Tennis Court	SSHS-B589	0.17-2	2/15/2017	<0.01U	<0.01U	<0.0076U	<0.015U	0.012J	0.011J	<0.013U	<0.0059U	<0.014U	0.023
Tennis Court	SSHS-B590	0-2	2/15/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.15J	0.11J	0.032J	<0.0055U	<0.013U	0.292
Tennis Court	SSHS-B591	0-2	2/15/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	<0.0086U	0.018	<0.012U	<0.0055U	<0.013U	0.018
Tennis Court	SSHS-B592	0-2	2/15/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.19J	0.2J	0.14J	<0.0055U	<0.013U	0.53
Tennis Court	SSHS-B593	0-2	2/15/2017	<0.0092U	<0.009U	<0.0069U	<0.014U	0.045J	0.12J	0.058J	<0.0053U	<0.012U	0.223
Tennis Court	SSHS-B594	0-2	2/15/2017	<0.011U	<0.01U	<0.0079U	<0.016U	1J	0.58J	0.16J	<0.0061U	<0.014U	1.74
Tennis Court	SSHS-B595	0-0.17	2/10/2017	<0.012U	<0.012U	<0.009U	<0.018U	<0.011J	<0.01J	<0.015U	<0.0069U	<0.016U	<0
Tennis Court	SSHS-B595	0.17-2	2/10/2017	<0.0095U	<0.0092U	<0.0071U	<0.014U	0.037J	0.026J	<0.012U	<0.0054U	<0.013U	0.063
Tennis Court	SSHS-B596	0-0.17	2/10/2017	<0.012U	<0.011U	<0.0086U	<0.017U	0.012J	0.012J	<0.015J	<0.0066U	<0.016U	0.024
Tennis Court	SSHS-B596	0.17-2	2/10/2017	<0.011U	<0.011U	<0.008U	<0.016U	0.2J	0.093J	0.034J	<0.0062U	<0.015U	0.327
Tennis Court	SSHS-B664	0-2	2/15/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	2.3J	1.1J	0.36J	<0.0056U	<0.013U	3.76
Tennis Court	SSHS-B674	0-2	3/21/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.69	0.25	0.11	<0.0057U	<0.013U	1.05
Tennis Court	SSHS-B675	0-2	3/21/2017	<0.0094U	<0.0091U	<0.007U	<0.014U	0.071	0.041	0.025	<0.0054U	<0.013U	0.137
Tennis Court	SSHS-B676	0-2	3/21/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	0.1	0.043	0.025	<0.0056U	<0.013U	0.168
Tennis Court	SSHS-B677	0-2	3/21/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	1.5	0.47	0.2	<0.0057U	<0.013U	2.17
Tennis Court	SSHS-B678	0-2	3/21/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.38	0.11	0.061	<0.0056U	<0.013U	0.551
Tennis Court	SSHS-B71	0.17-2	8/15/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
Tennis Court	SSHS-B72	0-0.17	8/15/2014	<0.003U	<0.0038U	<0.0034U	<0.0032U	<0.0019U	<0.0028U	<0.0028U	<0.0025U	<0.0043U	<0
Tennis Court	SSHS-B72	0.17-2	8/15/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	0.07	<0.0025U	<0.0075J	<0.0023U	<0.0038U	0.07
Tennis Court	SSHS-B745	0-2	5/22/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.28	0.11	0.031	<0.0057U	<0.013U	0.421

TABLE 2
PCB Results for Surface and Shallow Subsurface Soil
Former Sperry Remington Site - North
Elmira, New York

				Polychlorinated Biphenyls									
				Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1268	Aroclor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00067	0.00085	0.00077	0.00073	0.0017	0.0024	0.00064	0.00057	0.00098	
Surface Soil Criteria													1
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sampled Date**										
Tennis Court	SSHS-B746	0-2	5/22/2017	<0.0091U	<0.0089U	<0.0068U	<0.014U	0.25	0.12	0.032	<0.0052U	<0.012U	0.402
Tennis Court	SSHS-B747	0-2	5/22/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	0.71	0.36	0.092	<0.0054U	<0.013U	1.162
Tennis Court	SSHS-B748	0-2	5/22/2017	<0.0094U	<0.0091U	<0.007U	<0.014U	0.76	0.45	0.12	<0.0054U	<0.013U	1.33
Tennis Court	SSHS-B749	0-2	5/22/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.37	0.39	0.13	<0.0055U	<0.013U	0.89
Tennis Court	SSHS-B75	0-0.17	8/14/2014	<0.0032U	<0.0041U	<0.0036U	<0.0035U	<0.002U	<0.003U	<0.003U	<0.0027U	<0.0047U	<0
Tennis Court	SSHS-B75	0.17-2	8/14/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	3.7	<0.0026U	0.37	<0.0024U	<0.004U	4.07
Tennis Court	SSHS-B750	0-2	5/22/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	0.81	0.48	0.15	<0.0054U	<0.013U	1.44
Tennis Court	SSHS-B751	0-2	5/22/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	2.1	1	0.25	<0.0055U	<0.013U	3.35
Tennis Court	SSHS-B752	0-2	5/22/2017	<0.0092U	<0.009U	<0.0068U	<0.014U	0.57	0.34	0.1	<0.0053U	<0.012U	1.01
Tennis Court	SSHS-B758	0-2	5/22/2017	<0.0092U	<0.009U	<0.0069U	<0.014U	0.81	0.35	0.11	<0.0053U	<0.012U	1.27
Tennis Court	SSHS-B759	0-2	5/22/2017	<0.0091U	<0.0089U	<0.0068U	<0.014U	0.23	0.17	0.052	<0.0052U	<0.012U	0.452
Tennis Court	SSHS-B76	0-0.17	8/14/2014	<0.003U	<0.0038U	<0.0034U	<0.0033U	0.3	<0.0029U	0.052	<0.0026U	<0.0044U	0.352
Tennis Court	SSHS-B76	0.17-2	8/14/2014	<0.0028U	<0.0036U	<0.0032U	<0.003U	0.47	<0.0026U	0.06	<0.0024U	<0.0041U	0.53
Tennis Court	SSHS-B765	0-2	5/22/2017	<0.0092U	<0.009U	<0.0069U	<0.014U	1.3	0.46	0.13	<0.0053U	<0.012U	1.89
Tennis Court	SSHS-B766	0-2	5/22/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	0.2	0.16	0.055	<0.0054U	<0.013U	0.415
Tennis Court	SSHS-B767	0-2	5/22/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.39	0.24	0.055	<0.0055U	<0.013U	0.685
Tennis Court	SSHS-B768	0-2	5/22/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	0.72	0.33	0.09	<0.0056U	<0.013U	1.14
Tennis Court	SSHS-B769	0-2	5/22/2017	<0.0094U	<0.0091U	<0.007U	<0.014U	0.53	0.26	0.073	<0.0054U	<0.013U	0.863
Tennis Court	SSHS-B77	0-0.17	8/14/2014	<0.003U	<0.0039U	<0.0035U	<0.0033U	<0.0019U	<0.0029U	<0.0029U	<0.0026U	<0.0045U	<0
Tennis Court	SSHS-B77	0.17-2	8/14/2014	<0.0026U	<0.0033U	<0.0029U	<0.0028U	0.089	<0.0024U	0.073	<0.0022U	<0.0038U	0.162
Tennis Court	SSHS-B770	0-2	5/22/2017	<0.0099U	<0.0096U	<0.0074U	<0.015U	0.15	0.12	0.037	<0.0057U	<0.013U	0.307
Tennis Court	SSHS-B771	0-2	5/22/2017	<0.0093U	<0.0091U	<0.0069U	<0.014U	<0.0084U	0.35	0.054	<0.0053U	<0.013U	0.404
Tennis Court	SSHS-B772	0-2	5/22/2017	<0.0091U	<0.0088U	<0.0068U	<0.014U	0.76	0.38	0.14	<0.0052U	<0.012U	1.28
Tennis Court	SSHS-B773	0-2	5/22/2017	<0.0093U	<0.0091U	<0.0069U	<0.014U	0.61	0.42	0.18	<0.0053U	<0.013U	1.21
Tennis Court	SSHS-B774	0-2	5/22/2017	<0.0092U	<0.009U	<0.0069U	<0.014U	0.16	0.15	0.049	<0.0053U	<0.012U	0.359
Tennis Court	SSHS-B777	0-2	5/23/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.17	0.097	0.034	<0.0055U	<0.013U	0.301
Tennis Court	SSHS-B778	0-2	5/22/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	5.4	2.3	0.74	<0.0054U	<0.013U	8.44
Tennis Court	SSHS-B779	0-2	5/22/2017	<0.0092U	<0.009U	<0.0069U	<0.014U	0.3	0.17	0.047	<0.0053U	<0.012U	0.517
Tennis Court	SSHS-B780	0-2	5/22/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	0.15	0.073	0.023	<0.0056U	<0.013U	0.246
Tennis Court	SSHS-B819	0-2	5/23/2017	<0.0099U	<0.0096U	<0.0074U	<0.015U	<0.0089U	<0.0082U	<0.012U	<0.0057U	<0.013U	0
Tennis Court	SSHS-B821	0-2	5/23/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	0
Tennis Court	SSHS-B822	0-2	6/19/2017	<0.01U	<0.0097U	<0.0074U	<0.015U	<0.009U	<0.0082U	<0.013U	<0.0057U	<0.013U	0

Notes:
J - estimated value
U - non-detect
mg/kg - milligram per kilogram
ft bgs - feet below ground surface
PCBs - polychlorinated biphenyls
Concentrations detected above the soil criteria for PCBs (0-2 ft bgs) of 1 mg/kg (NYSDEC CP-51) are presented in grey.
PCB concentrations detected above New York State hazardous waste threshold (6 NYCRR Part 371.4 (e)) are presented in dark grey

TABLE 3
SUMMARY OF PCB RESULTS FOR SUBSURFACE SOILS (Below 2 ft bgs)

Former Sperry Remington Site - North
Elmira, New York

				Polychlorinated Biphenyls									
				Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1268	Aroclor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.0002	0.0002	0.00013	0.00006	0.00014	
Subsurface Soil Criteria													10
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sampled Date**										
A-Wing	SSHS-B15	4-5	5/10/2000	<0.039U	<0.039U	<0.039U	<0.039U	74D	<0.039U	6.1	-	-	80.1
A-Wing	SSHS-B15-A	2-3	7/22/2014	<0.0013U	<0.0017U	<0.0015U	<0.0015U	0.13J	0.063J	<0.0013U	<0.0012U	0.012J	0.205
A-Wing	SSHS-B15-AA	4-6	7/20/2015	<0.078U	<0.096U	<0.13U	<0.097U	26J	16J	2.3J	<0.077U	<0.14U	44.3
A-Wing	SSHS-B15-AA	6-8	7/20/2015	<0.0038U	<0.0046U	<0.0064U	<0.0047U	0.061J	0.027J	0.0061J	<0.0037U	<0.0068U	0.0941
A-Wing	SSHS-B15-B	2-3	7/22/2014	<0.0014U	<0.0017U	<0.0016U	<0.0015U	0.2J	0.11J	<0.0013U	<0.0012U	<0.002U	0.31
A-Wing	SSHS-B15-C	2-3	7/22/2014	<0.027U	<0.03SU	<0.032U	<0.03U	15J	7J	<0.026U	<0.024U	<0.04U	22
A-Wing	SSHS-B243	2-4	7/30/2015	<0.0038U	<0.0047U	<0.0065U	<0.0047U	1.1J	0.72J	0.13J	<0.0038U	<0.0069U	1.95
A-Wing	SSHS-B246	2-4	7/30/2015	<0.0038U	<0.0046U	<0.0064U	<0.0046U	0.065J	0.049J	0.012J	<0.0037U	<0.0068U	0.126
A-Wing	SSHS-B247	2-4	7/20/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	2.5J	1.4J	0.19J	<0.0037U	<0.0067U	4.09
A-Wing	SSHS-B247	4-6	7/20/2015	<0.0036U	<0.0045U	<0.0062U	<0.0045U	0.42J	0.22J	0.027J	<0.0036U	<0.0066U	0.667
A-Wing	SSHS-B247	6-8	7/20/2015	<0.0036U	<0.0045U	<0.0062U	<0.0045U	0.066J	0.023J	0.0044J	<0.0036U	<0.0066U	0.0934
A-Wing	SSHS-B248	2-4	7/20/2015	<0.0038U	<0.0047U	<0.0064U	<0.0047U	0.14J	0.1J	0.021J	<0.0037U	<0.0069U	0.261
A-Wing	SSHS-B248	4-6	7/20/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	3.2J	1.8J	0.5J	<0.0037U	<0.0068U	5.5
A-Wing	SSHS-B248	6-8	7/20/2015	<0.004U	<0.0049U	<0.0067U	<0.0049U	0.085J	0.25J	0.58J	<0.0039U	<0.0072U	0.915
A-Wing	SSHS-B249	2-4	7/30/2015	<0.0038U	<0.0047U	<0.0065U	<0.0047U	0.28J	0.17J	0.037J	<0.0038U	<0.0069U	0.487
A-Wing	SSHS-B250	2-4	7/30/2015	<0.018U,F1	<0.022U	<0.03U	<0.022U	9.8J	4.4J	0.74J	<0.018U	<0.033U	14.94
A-Wing	SSHS-B251	2-3	7/20/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	6J	2J	0.35J	<0.0037U	<0.0068U	8.35
A-Wing	SSHS-B252	2-4	7/20/2015	<0.0037U	<0.0045U	<0.0063U	<0.0046U	0.059J	0.047J	0.012J	<0.0037U	<0.0067U	0.118
A-Wing	SSHS-B252	4-6	7/20/2015	<0.0037U	<0.0045U	<0.0062U	<0.0046U	0.42J	0.26J	0.052J	<0.0036U	<0.0067U	0.732
A-Wing	SSHS-B252	6-8	7/20/2015	<0.0036U	<0.0044U	<0.0061U	<0.0044U	<0.0044U	<0.0042U	<0.0039U	<0.0035U	<0.0065U	<0
A-Wing	SSHS-B253	2-4	7/30/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	0.046J	0.063J	0.019J	<0.0037U	<0.0068U	0.128
A-Wing	SSHS-B254	2-4	7/30/2015	<0.0038U	<0.0047U	<0.0065U	<0.0047U	4.7J	1.9J	0.31J	<0.0038U	<0.0069U	6.91
A-Wing	SSHS-B255	2-4	7/30/2015	<0.0037U	<0.0045U	<0.0062U	<0.0046U	0.0088J	0.024J	0.015J	<0.0036U	<0.0067U	0.0478
A-Wing	SSHS-B255	4-6	7/30/2015	<0.0038U	<0.0047U	<0.0064U	<0.0047U	0.18J	0.098J	0.019J	<0.0038U	<0.0069U	0.297
A-Wing	SSHS-B255	6-8	7/30/2015	<0.0036U	<0.0044U	<0.0061U	<0.0045U	0.005J	<0.0042U	<0.0039U	<0.0036U	<0.0065U	0.005
A-Wing	SSHS-B256	2-4	7/20/2015	<0.004U	<0.0049U	<0.0067U	<0.0049U	0.81J	0.36J	0.048J	<0.0039U	<0.0072U	1.218
A-Wing	SSHS-B256	4-6	7/20/2015	<0.19U	<0.23U	<0.32U	<0.23U	63J	25J	2.4J	<0.19U	<0.34U	90.4
A-Wing	SSHS-B256	6-8	7/20/2015	<0.0036U	<0.0044U	<0.0061U	<0.0044U	0.053J	0.026J	0.0073J	<0.0035U	<0.0065U	0.0863
A-Wing	SSHS-B257	2-4	7/30/2015	<0.019U,F1	<0.023U	<0.032U	<0.023U	8J	<0.022U	0.58J	<0.019U	<0.034U	8.58
A-Wing	SSHS-B257	4-6	7/30/2015	<0.077U	<0.094U	<0.13U	<0.095U	38J	18J	3.1J	<0.076U	<0.14U	59.1
A-Wing	SSHS-B257	6-8	7/30/2015	<0.038U	<0.046U	<0.064U	<0.047U	16J	8J	1.3J	<0.037U	<0.068U	25.3
A-Wing	SSHS-B257	8-10	7/30/2015	<0.0037U	<0.0045U	<0.0062U	<0.0046U	5J	2.3J	0.47J	<0.0036U	<0.0067U	7.77
A-Wing	SSHS-B330	2-4	3/9/2016	<0.042U	<0.066U	<0.023U	<0.034U	8.5J	3.1J	0.28J	<0.017U	<0.029U	11.88
A-Wing	SSHS-B330	4-6	3/9/2016	<0.0085U	<0.013U	<0.0047U	<0.0069U	1.2J	0.59J	0.16J	<0.0035U	<0.0058U	1.95
A-Wing	SSHS-B330	6-8	3/9/2016	<0.17U	<0.27U	<0.094U	<0.14U	30J	11J	1.3J	<0.07U	<0.12U	42.3
A-Wing	SSHS-B330	8-10	3/9/2016	<0.17U	<0.27U	<0.094U	<0.14U	31J	10J	1.1J	<0.07U	<0.12U	42.1
A-Wing	SSHS-B330	10-12	3/9/2016	<0.87U	<1.4U	<0.47U	<0.7U	180J	78J	9.4J	<0.35U	<0.59U	267.4
A-Wing	SSHS-B330	12-14	3/9/2016	<0.0084U	<0.013U	<0.0046U	<0.0067U	2.2J	1.4J	0.25J	<0.0034U	<0.0057U	3.85
A-Wing	SSHS-B337	4-6	3/9/2016	<0.0085U	<0.013U	<0.0047U	<0.0069U	0.027	<0.0069U	<0.0064U	<0.0035U	<0.0058U	0.027
A-Wing	SSHS-B337	8-10	3/9/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	0.064J	0.026J	<0.0061U	<0.0033U	<0.0055U	0.09
A-Wing	SSHS-B338	2-4	3/9/2016	<0.042U	<0.066U	<0.023U	<0.034U	10J	3.5J	0.32J	<0.017U	<0.028U	13.82
A-Wing	SSHS-B338	4-6	3/9/2016	<0.0084U	<0.013U	<0.0046U	<0.0067U	2.3J	0.89J	0.12J	<0.0034U	<0.0057U	3.31
A-Wing	SSHS-B338	6-8	3/9/2016	<0.087U	<0.14U	<0.048U	<0.07U	15J	5.7J	0.41J	<0.036U	<0.059U	21.11
A-Wing	SSHS-B338	8-10	3/9/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	1.8J	0.86J	0.1J	<0.0034U	<0.0056U	2.76
A-Wing	SSHS-B339	2-4	3/9/2016	<0.042U	<0.066U	<0.023U	<0.034U	6.6J	2.4J	0.17J	<0.017U	<0.028U	9.17
A-Wing	SSHS-B340	2-4	3/9/2016	<0.44U	<0.69U	<0.24U	<0.35U	140J	58J	6.6J	<0.18U	<0.29U	204.6
A-Wing	SSHS-B343	4-6	3/9/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	0.046J	0.045J	0.015J	<0.0036U	<0.006U	0.106
A-Wing	SSHS-B345	4-6	3/9/2016	<0.0083U	<0.013U	<0.0046U	<0.0067U	5J	2.2J	0.35J	<0.0034U	<0.0057U	7.55
A-Wing	SSHS-B464	2-4	8/29/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.19J	0.079J	0.034J	<0.0034U	<0.0057U	0.303
A-Wing	SSHS-B464	4-6	8/29/2016	<0.43U	<0.67U	<0.23U	<0.34U	79J	27J	3.3J	<0.17U	<0.29U	109.3
A-Wing	SSHS-B464	6-8	8/29/2016	<1.7U	<2.7U	<0.95U	<1.4U	750J	270J	36J	<0.7U	<1.2U	1056
A-Wing	SSHS-B467	2-4	8/29/2016	<4.2U	<6.6U	<2.3U	<3.4U	2800J	900J	65J	<1.7U	<2.9U	3765
A-Wing	SSHS-B467	4-6	8/29/2016	<0.41U	<0.64U	<0.22U	<0.33U	220J	83J	5.3J	<0.17U	<0.28U	308.3
A-Wing	SSHS-B467	6-8	8/29/2016	<0.008U	<0.013U	<0.0044U	<0.0064U	0.025	<0.0064U	<0.006U	<0.0032U	<0.0054U	0.025
A-Wing	SSHS-B469	2-4	8/29/2016	<0.0085U	<0.013U	<0.0047U	<0.0069U	0.17J	0.052J	<0.0064UJ	<0.0035U	<0.0058U	0.222
A-Wing	SSHS-B469	6-8	8/29/2016	<0.0086U	<0.014U	<0.0047U	<0.007U	5.6J	2J	0.3J	<0.0035U	<0.0059U	7.9
A-Wing	SSHS-B469	8-10	8/29/2016	<0.44U	<0.69U	<0.24U	<0.35U	63J	22J	2.9J	<0.18U	<0.3U	87.9
A-Wing	SSHS-B469	10-12	8/29/2016	<1.8U	<2.8U	<0.98U	<1.4U	750J	250J	32J	<0.73U	<1.2U	1032
A-Wing	SSHS-B469	12-14	8/29/2016	<0.86U	<1.4U	<0.47U	<0.69U	410J	130J	15J	<0.35U	<0.58U	555
A-Wing	SSHS-B470	6-8	8/29/2016	<0.0083U	<0.013U	<0.0046U	<0.0067U	0.18J	0.1J	0.018J	<0.0034U	<0.0057U	0.298
A-Wing	SSHS-B470	8-10	8/29/2016	<0.44U	<0.7U	<0.24U	<0.36U	120J	48J	6.1J	<0.18U	<0.3U	174.1
A-Wing	SSHS-B470	10-12	8/29/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.34J	0.13J	0.024J	<0.0034U	<0.0057U	0.494
A-Wing	SSHS-B470	12-14	8/29/2016	<0.042U	<0.067U	<0.023U	<0.034U	7.6J	3.3J	0.5J	<0.017U	<0.029U	11.4
A-Wing	SSHS-B475	8-10	8/29/2016	<0.008U	<0.013U	<0.0044U	<0.0064U	0.6J	0.34J	0.054J	<0.0033U	<0.0054U	0.994
A-Wing	SSHS-B475	10-12	8/29/2016	<0.008U	<0.013U	<0.0044U	<0.0065U	0.061J	0.031J	<0.006U	<0.0033U	<0.0055U	0.092
A-Wing	SSHS-B476	6-8	8/29/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	<0.0042U	<0.0066U	<0.0061U	<0.0033U	<0.0055U	0
A-Wing	SSHS-B477	2-4	8/29/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	2.5J	1.1J	0.14J	<0.0034U	<0.0057U	3.74
A-Wing	SSHS-B477	4-6	8/29/2016	<0.41U	<0.65U	<0.23U	<0.33U	67J	25J	2.1J	<0.17U	<0.28U	94.1
A-Wing	SSHS-B477	6-8	8/29/2016	<0.43U	<0.67U	<0.23U	<0.34U	98J	35J	2.7J	<0.17U	<0.29U	135.7
A-Wing	SSHS-B479	4-6	8/29/2016	<0.042U	<0.066U	<0.023U	<0.034U	9.3J	4.7J	0.48J	<0.017U	<0.028U	14.48
A-Wing	SSHS-B479	6-8	8/29/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	<0.0042U	<0.0066U	<0.0061U	<0.0033U	<0.0056U	0
A-Wing	SSHS-B479	10-12	8/29/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	<0.0042U	<0.0066U	<0.0062U	<0.0034U	<0.0056U	0
A-Wing	SSHS-B480	10-12	8/29/2016	<0.0078U	<0.012U	<0.0043U	<0.0063U	<0.004U	<0.0063U	<0.0058U	<0.0032U	<0.0053U	0
A-Wing	SSHS-B622	4-6	2/16/2017	<0.097U	<0.095U	<0.073U	<0.15U	17J	4.9J	0.88J	<0.056U	<0.13U	22.78
A-Wing	SSHS-B622	6-8	2/16/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	1.7	0.87	0.13	<0.0056U	<0.013U	2.7
A-Wing	SSHS-B622	8-10	2/16/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	4.7	2.1	0.12	<0.0055U	<0.013U	6.92
A-Wing	SSHS-B622	10-12	2/16/2017	<0.0093U	<0.0091U	<0.007U	<0.014U	0.042J	0.016J	<0.012U	<0.0054U	<0.013U	0.058
A-Wing	SSHS-B623	2-4	2/16/2017	<0.095U	<0.093U	<0.071U	<0.14U	8.2J	4.2J	0.5J	<0.054U	<0.13U	12.9
A-Wing	SSHS-B623	4-6	2/16/2017	<0.01U	<0.0097U	<0.0074U	<0.015U	1.1J	0.34J	0.075J	<0.0057U	<0.013U	1.515
A-Wing	SSHS-B623	10-12	2/16/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	<0.0086U	<0.0079U	<0.012U	<0.0055U	<0.013U	0
A-Wing	SSHS-B631	12-14	2/16/2017	<0.0093U	<0.0091U	<0.007U	<0.014U	0.092J	0.036J	<0.012U	<0.0054U	<0.013U	0.128
A-Wing	SSHS-B635	8-10	2/16/2017	<0.096U	<0.094U	<0.072U	<0.14U	12J	4.7J	0.9J	<0.055U	<0.13U	17.6
A-Wing	SSHS-B635	12-14	2/16/2017	<0.01U	<0.0099U	<0.0076U	<0.015U	1.1J	0.39J	0.1J	<0.0058U	<0.014U	1.59
A-Wing	SSHS-B654	4-6	2/16/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.68J	0.23J	0.041J	<0.0057U	<0.013U	0.951
A-Wing	SSHS-B654	8-10	2/16/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.15J	0.057J	<0.013U	<0.0057U	<0.013U	0.207
A-Wing	SSHS-B654	10-12	2/16/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	0.022J	0.0096J	<0.012U	<0.0054U	<0.013U	0.0316
A-Wing	SSHS-B659	8-10	2/16/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	0.54J	0.11J	<0.013U	<0.0058U	<0.014U	0.65
A-Wing	SSHS-B659	12-14	2/16/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.58J	0.26J	0.027J	<0.0055U	<0.013U	0.867
A-Wing	SSHS-B660	4-6	2/15/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	1.5J	0.48J	0.11J	<0.0058U	<0.014U	2.09
A-Wing	SSHS-B662	4-6	2/15/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	1.2J	0.36J	0.085J	<0.0057U	<0.014U	1.645
A-Wing	SSHS-B663	2-4	2/15/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	4.1J	1.6J	0.27J	<0.0056U	<0.013U	5.97
A-Wing	SSHS-B665	6-8	2/16/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.23J	0.12J	0.072J	<0.0056U	<0.013U	0.422
A-Wing	SSHS-B672	6-8	2/16/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.05J	0.025J	<0.012U	<0.0054U	<0.013U	0.075
A-Wing	SSHS-B673	8-10	2/16/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	0.35J	0.096J	<0.013U	<0.0058U	<0.014U	0.446
A-Wing	SSHS-B673	10-12	2/16/2017	<0.0093U	<0.0091U	<0.007U	<0.014U	0.046J	0.011J	<0.012U	<0.0054U	<0.013U	0.057
A-Wing	SSHS-B682	10-12	3/23/2017	<0.05U,F1	<0.049U	<0.037U	<0.075U	9.4	2.6	0.5	<0.029U	<0.068U	12.5
A-Wing	SSHS-B688	2-4	3/21/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	2.3	0.5	0.13	<0.0055U	<0.013U	2.93
A-Wing	SSHS-B689	2-4	3/23/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	0.27	0.1	0.027	<0.0058U	<0.014U	0.397
A-Wing	SSHS-B689	4-6	3/23/2017	<0.0099U	<0.0096U	<0.0074U	<0.015U	0.026	0.014J	0.013J	<0.0057U	<0.013U	0.053
A-Wing	SSHS-B690	4-6	3/23/2017	<0.098U	<0.095U	<0.073U	<0.15U	13	5.6	0.51	<0.056U	<0.13U	19.11
A-Wing	SSHS-B691	8-10	3/23/2017	<0.01U	<0.01U	<0.0077U	<0.015U	0.091	0.034	0.016J	<0.0059U	<0.014U	0.141
A-Wing	SSHS-B691	10-12	3/23/2017	<0.01U	<0.0099U	<0.0076U	<0.015U	0.062	0.048	<0.013U	<0.0058U	<0.014U	0.11
A-Wing	SSHS-B693	8-10	3/23/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	0.041	0.019	<0.012U	<0.0054U	<0.013U	0.06
A-Wing	SSHS-B693	10-12	3/23/2017	<0.0094U	<0.0091U	<0.007U	<0.014U	<0.0084U	<0.0077U	<0.012U	<0.0054U	<0.013U	0
A-Wing	SSHS-B695	4-6	3/23/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.13	0.039	<0.012U	<0.0056U	<0.013U	0.169

TABLE 3
SUMMARY OF PCB RESULTS FOR SUBSURFACE SOILS (Below 2 ft bgs)

Former Sperry Remington Site - North
Elmira, New York

			Polychlorinated Biphenyls									
			Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1268	Aroclor 1262	Total PCBs
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			0.0001	0.0001	0.000078	0.00016	0.0002	0.0002	0.00013	0.00006	0.00014	
Subsurface Soil Criteria												10
NYS Hazardous Material												50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sampled Date**									
A-Wing	SSHS-B695	8-10	3/23/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.046	0.013J	<0.012U	<0.0055U	<0.013U	0.059
A-Wing	SSHS-B701	8-10	3/23/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.11	0.042	<0.012U	<0.0056U	<0.013U	0.152
A-Wing	SSHS-B701	10-12	3/23/2017	<0.01U	<0.0097U	<0.0074U	<0.015U	<0.009U	<0.0082U	<0.013U	<0.0057U	<0.013U	0
A-Wing	SSHS-B701	12-14	3/23/2017	<0.0093U	<0.0091U	<0.007U	<0.014U	0.2	0.058	0.013J	<0.0054U	<0.013U	0.271
A-Wing	SSHS-B702	2-4	3/21/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.063	0.025	<0.012U	<0.0055U	<0.013U	0.088
A-Wing	SSHS-B703	2-4	3/23/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	0.18	0.12	0.036	<0.0056U	<0.013U	0.336
A-Wing	SSHS-B708	8-10	3/21/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	0.096	0.022p	<0.013U	<0.0057U	<0.014U	0.118
A-Wing	SSHS-B710	6-8	3/23/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	0
A-Wing	SSHS-B711	6-8	3/23/2017	<0.01U	<0.0099U	<0.0075U	<0.015U	0.86	0.38	0.078	<0.0058U	<0.014U	1.318
A-Wing	SSHS-B713	10-12	3/23/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	<0.0086U	<0.0079U	<0.012U	<0.0055U	<0.013U	0
A-Wing	SSHS-B723	6-8	4/13/2017	<10U	<9.9U	<7.6U	<15U	1500	480	110	<5.8U	<14U	2090
A-Wing	SSHS-B736	12-14	4/13/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.023	0.011J	<0.012U	<0.0055U	<0.013U	0.034
A-Wing	SSHS-B737	12-14	4/13/2017	<0.01U	<0.0099U	<0.0075U	<0.015U	0.32	0.22	0.049	<0.0058U	<0.014U	0.589
A-Wing	SSHS-B738	6-8	4/13/2017	<0.0095U	<0.0092U	<0.0071U	<0.014U	0.021	<0.0078U	<0.012U	<0.0054U	<0.013U	0.021
A-Wing	SSHS-B740	2-4	4/13/2017	<0.047U	<0.045U	<0.035U	<0.07U	5.8	2.5	0.55	<0.027U	<0.063U	8.85
A-Wing	SSHS-B743	6-8	4/13/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	0.017J	<0.0078U	<0.012U	<0.0054U	<0.013U	0.017
A-Wing	SSHS-B744	2-4	4/13/2017	<0.0094U	<0.0091U	<0.007U	<0.014U	0.18	0.1	0.032	<0.0054U	<0.013U	0.312
A-Wing	SSHS-B788	10-12	5/16/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	2.9	1.1	0.14	<0.0058U	<0.014U	4.14
A-Wing	SSHS-B792	8-10	5/16/2017	<0.98U	<0.95U	<0.73U	<1.5U	130	38	4.6	<0.56U	<1.3U	172.6
A-Wing	SSHS-B792	10-12	5/16/2017	<0.011U	<0.01U	<0.008U	<0.016U	0.47	0.25	0.062	<0.0061U	<0.014U	0.782
A-Wing	SSHS-B792	12-14	5/16/2017	<0.57U	<0.56U	<0.42U	<0.85U	63	16	2	<0.33U	<0.77U	81
A-Wing	SSHS-B793	4-6	5/15/2017	<5.1U	<5U	<3.8U	<7.6U	990	260	58	<2.9U	<6.9U	1308
A-Wing	SSHS-B793	6-8	5/15/2017	<5U	<4.8U	<3.7U	<7.4U	2800	760	170	<2.8U	<6.7U	3730
A-Wing	SSHS-B798	2-4	5/16/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	0.054	0.032	<0.012U	<0.0054U	<0.013U	0.086
A-Wing	SSHS-B798	8-10	5/16/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	0.2	0.15	0.03	<0.0057U	<0.013U	0.38
A-Wing	SSHS-B798	10-12	5/16/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	3.7	0.77	0.13	<0.0056U	<0.013U	4.6
A-Wing	SSHS-B801	4-6	5/17/2017	<0.1U	<0.099U	<0.076U	<0.15U	43J	19J	2.4J	<0.058U	<0.14U	64.4
A-Wing	SSHS-B801	8-10	5/17/2017	<0.0095U	<0.0092U	<0.0071U	<0.014U	0.53J	0.21J	0.03J	<0.0054U	<0.013U	0.77
A-Wing	SSHS-B801	10-12	5/17/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	0.079J	0.016J	<0.012U	<0.0054U	<0.013U	0.095
A-Wing	SSHS-B801	12-14	5/17/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	1.9J	0.7J	0.093J	<0.0054U	<0.013U	2.693
A-Wing	SSHS-B802	8-10	5/17/2017	<0.1U	<0.098U	<0.075U	<0.15U	16J	4.5J	0.58J	<0.057U	<0.14U	21.08
A-Wing	SSHS-B802	12-14	5/17/2017	<0.093U	<0.091U	<0.07U	<0.14U	13J	3.6J	0.46J	<0.054U	<0.13U	17.06
A-Wing	SSHS-B803	4-6	5/16/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	2.8	1	0.12	<0.0057U	<0.013U	3.92
A-Wing	SSHS-B803	6-8	5/16/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.62	0.22	0.026	<0.0057U	<0.013U	0.866
A-Wing	SSHS-B803	8-10	5/16/2017	<0.01U	<0.0097U	<0.0074U	<0.015U	3.1	1	0.16	<0.0057U	<0.013U	4.26
A-Wing	SSHS-B803	10-12	5/16/2017	<0.0098U	<0.0096U	<0.0074U	<0.015U	0.39	0.15	0.029	<0.0057U	<0.013U	0.569
A-Wing	SSHS-B803	12-14	5/16/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.39	0.15	0.025	<0.0054U	<0.013U	0.565
A-Wing	SSHS-B804	4-6	5/16/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	0.17	0.062	<0.013U	<0.0058U	<0.014U	0.232
A-Wing	SSHS-B804	8-10	5/16/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.068	0.032	<0.012U	<0.0056U	<0.013U	0.1
A-Wing	SSHS-B804	10-12	5/16/2017	<4.9U	<4.8U	<3.6U	<7.3U	410	120	14	<2.8U	<6.6U	544
A-Wing	SSHS-B804	12-14	5/16/2017	<0.51U	<0.5U	<0.38U	<0.76U	80	32	3.7	<0.29U	<0.69U	115.7
A-Wing	SSHS-B805	4-6	5/17/2017	<0.01U	<0.01U	<0.0078U	<0.016U	0.72J	0.24J	0.023J	<0.006U	<0.014U	0.983
A-Wing	SSHS-B805	10-12	5/17/2017	<0.096U	<0.094U	<0.072U	<0.14U	20J	6.4J	0.86J	<0.055U	<0.13U	27.26
A-Wing	SSHS-B807	4-6	5/15/2017	<0.01U	<0.01U	<0.0077U	<0.016U	2	0.49	0.075	<0.0059U	<0.014U	2.565
A-Wing	SSHS-B807	6-8	5/15/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	<0.0089U	<0.0081U	<0.012U	<0.0057U	<0.013U	0
A-Wing	SSHS-B807	8-10	5/15/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	1.2	0.6	0.11	<0.0054U	<0.013U	1.91
A-Wing	SSHS-B809	2-4	5/15/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	1	0.39	0.082	<0.0057U	<0.014U	1.472
A-Wing	SSHS-B811	12-14	5/16/2017	<0.51U	<0.5U	<0.38U	<0.77U	89	31	4.2	<0.29U	<0.69U	124.2
A-Wing	SSHS-B812	8-10	5/15/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	0.55	0.15	0.021	<0.0054U	<0.013U	0.721
A-Wing	SSHS-B812	12-14	5/15/2017	<0.095U	<0.093U	<0.071U	<0.14U	9.6	2.6	0.64	<0.055U	<0.13U	12.84
Football Field SW	SSHS-B321	4-6	3/3/2016	<43U	<69U	<24U	<35U	22,000J	5100J	720J	<18U	<29U	33,930
Football Field SW	SSHS-B328	2-4	3/3/2016	<0.41U	<0.65U	<0.23U	<0.33U	64J	25J	4.2J	<0.17U	<0.28U	159.9
Football Field SW	SSHS-B328	4-6	3/3/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	1.2J	0.59J	0.07J	<0.0036U	<0.0059U	1.86
Football Field SW	SSHS-B438	2-4	8/26/2016	<0.16U	<0.26U	<0.09U	<0.13U	53J	17J	1.6J	<0.067U	<0.11U	71.6
Football Field SW	SSHS-B438	4-6	8/26/2016	<0.082U	<0.13U	<0.045U	<0.066U	26J	9.9J	0.93J	<0.034U	<0.056U	36.83
Football Field SW	SSHS-B438	6-8	8/26/2016	<0.084U	<0.13U	<0.046U	<0.068U	26J	10J	0.8J	<0.034U	<0.057U	36.8
Football Field SW	SSHS-B438	8-10	8/26/2016	<0.82U	<1.3U	<0.45U	<0.66U	170J	56J	5.5J	<0.34U	<0.56U	231.5
Football Field SW	SSHS-B439	2-4	8/26/2016	<0.16U	<0.26U	<0.089U	<0.13U	39J	17J	1.7J	<0.066U	<0.11U	57.7
Football Field SW	SSHS-B439	6-8	9/15/2016	<0.86U	<1.4U	<0.47U	<0.7U	270J	89J	15J	<0.35U	<0.59U	374
Football Field SW	SSHS-B439	8-10	9/15/2016	<0.85U	<1.3U	<0.46U	<0.68U	110J	31J	3.8J	<0.35U	<0.58U	144.8
Football Field SW	SSHS-B440	2-4	8/26/2016	<0.082UJ	<0.13U	<0.045U	<0.066U	14J	5.1J	0.74J	<0.034U	<0.056U	19.84
Football Field SW	SSHS-B440	4-6	8/26/2016	<0.086UJ	<0.14U	<0.047U	<0.069U	18J	7J	1.1J	<0.035U	<0.058U	26.1
Football Field SW	SSHS-B440	6-8	8/26/2016	<0.83UJ	<1.3U	<0.45U	<0.67U	340J	86J	14J	<0.34U	<0.56U	440
Football Field SW	SSHS-B440	8-10	8/26/2016	<0.17U	<0.27U	<0.094U	<0.14U	29J	9.4J	1.2J	<0.07U	<0.12U	39.6
Football Field SW	SSHS-B443	2-4	9/14/2016	<0.83U,F1	<1.3U	<0.45U	<0.67U	210J	72J	10J	<0.34U	<0.56U	292
Football Field SW	SSHS-B443	4-6	9/14/2016	<4.1U	<6.5U	<2.3U	<3.3U	1500J	510J	51J	<1.7U	<2.8U	2061
Football Field SW	SSHS-B443	6-8	9/14/2016	<0.42U	<0.67U	<0.23U	<0.34U	74J	24J	3.5J	<0.17U	<0.29U	101.5
Football Field SW	SSHS-B443	8-10	9/15/2016	<0.84U	<1.3U	<0.46U	<0.68U	200J	65J	6.6J	<0.34U	<0.57U	271.6
Football Field SW	SSHS-B444	2-4	8/26/2016	<0.17UJ	<0.26U	<0.09U	<0.13U	37J	14J	2.2J	<0.067U	<0.11U	53.2
Football Field SW	SSHS-B444	4-6	8/26/2016	<0.0085U	<0.013U	<0.0046U	<0.0068U	5.5J	2.7J	0.72J	<0.0035U	<0.0057U	8.92
Football Field SW	SSHS-B444	6-8	8/26/2016	<0.087UJ	<0.14U	<0.047U	<0.07U	<0.044U	23	<0.065U,F1,F2	<0.035U	<0.059U	23
Football Field SW	SSHS-B444	8-10	8/26/2016	<0.085U	<0.13U	<0.046U	<0.068U	24J	8.2J	1.4J	<0.034U	<0.057U	33.6
Football Field SW	SSHS-B461	2-3	8/31/2016	<0.041U	<0.064U	<0.022U	<0.033U	6.6J	1.7J	0.33J	<0.017U	<0.028U	8.63
Football Field SW	SSHS-B462	2-3	8/31/2016	<0.085U	<0.13U	<0.047U	<0.069U	38J	13J	1.9J	<0.035U	<0.058U	52.9
Football Field SW	SSHS-B463	2-3	8/31/2016	<0.042U	<0.066U	<0.023U	<0.034U	11J	3.9J	0.68J	<0.017U	<0.029U	15.58
Football Field SW	SSHS-B619	2-4	2/14/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	1.8J	0.61J	0.11J	<0.0055U	<0.013U	2.52
Football Field SW	SSHS-B619	4-6	2/14/2017	<0.0097U	<0.0094U	<0.0072U	<0.014U	0.71J	0.27J	0.046J	<0.0055U	<0.013U	1.026
Football Field SW	SSHS-B619	6-8	2/14/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.082J	0.043J	<0.012U	<0.0055U	<0.013U	0.125
Football Field SW	SSHS-B619	8-10	2/14/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.42J	0.16J	0.027J	<0.0055U	<0.013U	0.607
Football Field SW	SSHS-B619	10-12	2/14/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	<0.0088U	<0.0081U	<0.012U	<0.0056U	<0.013U	<0
Football Field SW	SSHS-B620	2-4	2/13/2017	<0.097U	<0.095U	<0.073U	<0.15U	21J	8.2J	1.6J	<0.056U	<0.13U	30.8
Football Field SW	SSHS-B620	4-6	2/13/2017	<0.1U	<0.099U	<0.076U	<0.15U	9.2J	3.4J	0.6J	<0.059U	<0.14U	13.2
Football Field SW	SSHS-B620	6-8	2/13/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	1.6J	0.58J	0.15J	<0.0058U	<0.014U	2.33
Football Field SW	SSHS-B620	8-10	2/13/2017	<0.0099U	<0.0096U	<0.0074U	<0.015U	3.4J	1.2J	0.23J	<0.0057U	<0.013U	4.83
Football Field SW	SSHS-B620	10-12	2/13/2017	<0.0093U	<0.009U	<0.0069U	<0.014U	0.017	<0.0077U	<0.012U	<0.0053U	<0.013U	0.017
Football Field SW	SSHS-B621	6-8	2/13/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.026J	0.0094J	<0.012U	<0.0056U	<0.013U	0.0354
Football Field SW	SSHS-B621	8-10	2/13/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	0.31J	0.099J	0.025J	<0.0056U	<0.013U	0.434
Football Field SW	SSHS-B621	10-12	2/13/2017	<0.0097U	<0.0094U	<0.0072U	<0.014U	0.62J	0.17J	0.036J	<0.0056U	<0.013U	0.826
Football Field SW	SSHS-B621	12-14	2/13/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	0.18	0.088	<0.012U	<0.0056U	<0.013U	0.268
Football Field SW	SSHS-B644	10-12	2/9/2017	<0.097U	<0.095U	<0.073U	<0.15U	10J	4.2J	0.44J	<0.056U	<0.13U	14.64
Football Field SW	SSHS-B644	12-14	2/9/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.061	0.017J	<0.012U	<0.0055U	<0.013U	0.078
Football Field SW	SSHS-B645	10-12	2/13/2017	<0.046U	<0.045U	<0.035U	<0.069U	5.8J	2.7J	0.89J	<0.027U	<0.063U	9.39
Football Field SW	SSHS-B645	12-14	2/13/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	4.2	1.7	0.37	<0.0054U	<0.013U	6.27
Football Field SW	SSHS-B646	10-12	2/13/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.081J	0.018J	<0.012U	<0.0055U	<0.013U	0.099
Football Field SW	SSHS-B646	12-14	2/13/2017	<4.8U	<4.7U	<3.6U	<7.1U	220	90	13	<2.7U	<6.4U	323
Football Field SW	SSHS-B650	2-4	2/14/2017	<0.098U	<0.095U	<0.073U	<0.15U	12J	3.9J	0.77J	<0.056U	<0.13U	16.67
Football Field SW	SSHS-B650	4-6	2/14/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	2J	0.78J	0.14J	<0.0056U	<0.013U	2.92
Football Field SW	SSHS-B650	6-8	2/14/2017	<0.1U	<0.1U	<0.077U	<0.15U	15J	5.1J	0.89J	<0.059U	<0.14U	20.99
Football Field SW	SSHS-B650	8-10	2/14/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	1.4J	0.45J	0.086J	<0.0057U	<0.013U	1.936
Football Field SW	SSHS-B650	10-12	2/14/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.023J	0.016J	<0.012U	<0.0057U	<0.013U	0.039
Football Field SW	SSHS-B650	12-14	2/14/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	1.3	0.4	0.087	<0.0054U	<0.013U	1.787
Football Field SW	SSHS-B651	2-4	2/14/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.39J	0.18J	0.036J	<0.0055U	<0.013U	0.606
Football Field SW	SSHS-B651	4-6	2/14/2017	<0.0094U	<0.0091U	<0.007U	<0.014U	0.42J	0.19J	0.03J	<0.0054U	<0.013U	0.64
Football Field SW	SSHS-B651	6-8	2/14/2017	<0.011U	<0.011U	<0.0081U	<0.016U	<0.0098U	<0.009U	<0.014U	<0.0063U	<0.015U	<0
Football Field SW	SSHS-B651	8-10	2/14/2017	<0.01U	<0.01U	<0.0078U	<0.016U	0.64J	0.29J	0.049J	<0.006U	<0.014U	0.979

TABLE 3
SUMMARY OF PCB RESULTS FOR SUBSURFACE SOILS (Below 2 ft bgs)

Former Sperry Remington Site - North
Elmira, New York

				Polychlorinated Biphenyls									
				Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1268	Aroclor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.0002	0.0002	0.00013	0.00006	0.00014	
Subsurface Soil Criteria													10
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sampled Date**										
Football Field SW	SSHS-B651	10-12	2/14/2017	<0.011U	<0.01U	<0.0079U	<0.016U	<0.0095U	<0.0087U	<0.013U	<0.0061U	<0.014U	<0
Football Field SW	SSHS-B651	12-14	2/14/2017	<0.0093U	<0.0091U	<0.0069U	<0.014U	0.05	0.019	<0.012U	<0.0053U	<0.013U	0.069
Football Field SW	SSHS-B652	2-4	2/14/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	4.5J	1.1J	0.23J	<0.0055U	<0.013U	5.83
Football Field SW	SSHS-B652	4-6	2/14/2017	<1U	<0.98U	<0.75U	<1.5U	150J	39J	6.7J	<0.58U	<1.4U	195.7
Football Field SW	SSHS-B652	6-8	2/14/2017	<0.99U	<0.96U	<0.74U	<1.5U	77J	21J	3.6J	<0.57U	<1.3U	101.6
Football Field SW	SSHS-B652	8-10	2/14/2017	<0.97U	<0.95U	<0.72U	<1.5U	84J	21J	3.7J	<0.56U	<1.3U	108.7
Football Field SW	SSHS-B652	10-12	2/14/2017	<0.0091U	<0.0089U	<0.0068U	<0.014U	0.056J	0.019J	<0.011U	<0.0052U	<0.012U	0.075
Football Field SW	SSHS-B652	12-14	2/14/2017	<0.094U	<0.092U	<0.07U	<0.14U	15	3.6	0.64	<0.054U	<0.13U	19.24
Football Field SW	SSHS-B653	4-6	2/14/2017	<0.099U	<0.097U	<0.074U	<0.15U	9.9J	2.8J	0.52J	<0.057U	<0.13U	13.22
Football Field SW	SSHS-B653	6-8	2/14/2017	<0.1U	<0.099U	<0.076U	<0.15U	17J	5.9J	0.77J	<0.058U	<0.14U	23.67
Football Field SW	SSHS-B653	8-10	2/14/2017	<0.1U	<0.098U	<0.075U	<0.15U	8.9J	2.5J	0.51J	<0.058U	<0.14U	11.91
Football Field SW	SSHS-B653	10-12	2/14/2017	<0.1U	<0.1U	<0.076U	<0.15U	5.6J	1.5J	0.3J	<0.059U	<0.14U	7.4
Football Field SW	SSHS-B653	12-14	2/14/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	4.1	1.1	0.21	<0.0055U	<0.013U	5.41
Football Field SW	SSHS-B661	4-6	2/13/2017	<0.011U	<0.01U	<0.0079U	<0.016U	2.4J	0.82J	0.22J	<0.006U	<0.014U	3.44
Football Field SW	SSHS-B669	10-12	2/13/2017	<0.009U	<0.0088U	<0.0067U	<0.013U	0.49J	0.093J	0.022J	<0.0052U	<0.012U	0.605
Football Field SW	SSHS-B669	12-14	2/13/2017	<0.098U	<0.096U	<0.073U	<0.15U	22	9.9	2	<0.056U	<0.13U	33.9
Football Field SW	SSHS-B709	6-8	3/22/2017	<0.0095U	<0.0092U	<0.0071U	<0.014U	0.026	0.011J	<0.012U	<0.0054U	<0.013U	0.037
Football Field SW	SSHS-B8	4-5	5/11/2000	<0.037U	<0.037U	<0.037U	<0.037U	3.3D	<0.037U	0.17	-	-	3.47
Main Parking Lot	SSHS-B17	1-3	5/10/2000	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	-	-	<0
Main Parking Lot	SSHS-B267	2-4	7/30/2015	<0.0038U	<0.0047U	<0.0065U	<0.0047U	1.2J	0.49J	0.073J	<0.0038U	<0.0069U	1.763
Main Parking Lot	SSHS-B267	4-6	7/30/2015	<0.0039U	<0.0048U	<0.0067U	<0.0049U	0.13J	0.054J	0.0092J	<0.0039U	<0.0071U	0.1932
Main Parking Lot	SSHS-B267	6-8	7/30/2015	<0.0038U	<0.0047U	<0.0065U	<0.0047U	<0.0047U	<0.0044U	<0.0041U	<0.0038U	<0.0069U	<0
Main Parking Lot	SSHS-B329	2-4	3/3/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.014J	<0.0068U	<0.0063U	<0.0034U	<0.0057U	0.014
Main Parking Lot	SSHS-B329	4-6	3/3/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	0.049J	0.013J	<0.0062U	<0.0034U	<0.0056U	0.062
Main Parking Lot	SSHS-B329	6-8	3/3/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	<0.0045U	<0.0071U	<0.0066U	<0.0036U	<0.006U	<0
Main Parking Lot	SSHS-B329	8-10	3/3/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.11J	0.022J	<0.0063U	<0.0034U	<0.0057U	0.132
Main Parking Lot	SSHS-B334	2-4	3/3/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	1.8J	1.1J	0.33J	<0.0033U	<0.0056U	3.23
Main Parking Lot	SSHS-B334	4-6	3/3/2016	<0.0081U	<0.013U	<0.0044U	<0.0065U	0.72J	0.47J	0.12J	<0.0033U	<0.0055U	1.31
Main Parking Lot	SSHS-B334	6-8	3/3/2016	<0.0083U	<0.013U	<0.0046U	<0.0067U	0.022	<0.0067U	<0.0062U	<0.0034U	<0.0056U	0.022
Main Parking Lot	SSHS-B334	8-10	3/3/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	1J	0.52J	0.11J	<0.0033U	<0.0056U	1.63
Main Parking Lot	SSHS-B455	4-6	8/30/2016	<0.0092U	<0.015U	<0.005U	<0.0074U	<0.02U	<0.0074U	<0.0069U	<0.0038U	<0.0062U	0
Main Parking Lot	SSHS-B455	6-8	8/30/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	<0.0042U	<0.0067U	<0.0062U	<0.0034U	<0.0056U	0
Main Parking Lot	SSHS-B455	8-10	8/30/2016	<0.0085U	<0.013U	<0.0046U	<0.0068U	0.21J	0.085J	<0.0063U	<0.0034U	<0.0057U	0.295
Main Parking Lot	SSHS-B456	4-6	8/30/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	<0.0042U	<0.0066U	<0.0062U	<0.0034U	<0.0056U	0
Main Parking Lot	SSHS-B473	4-6	8/30/2016	<0.0089U	<0.014U	<0.0048U	<0.0071U	0.14J	0.053J	<0.0066U	<0.0036U	<0.006U	0.193
Main Parking Lot	SSHS-B473	6-8	8/30/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	<0.0042U	<0.0067U	<0.0062U	<0.0034U	<0.0056U	0
Main Parking Lot	SSHS-B473	8-10	8/30/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	<0.0045U	<0.0071U	<0.0066U	<0.0036U	<0.006U	0
Main Parking Lot	SSHS-B628	12-14	2/9/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	0.32J	0.29J	0.065J	<0.0056U	<0.013U	0.675
Main Parking Lot	SSHS-B629	6-8	2/9/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	<0.0085U	<0.0079U	<0.012U	<0.0055U	<0.013U	0
Main Parking Lot	SSHS-B629	8-10	2/9/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	0.017J	0.013J	<0.012U	<0.0056U	<0.013U	0.03
Main Parking Lot	SSHS-B629	12-14	2/9/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	0
Main Parking Lot	SSHS-B632	4-6	2/10/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	<0.0088U	<0.0081U	<0.012U	<0.0056U	<0.013U	<0
Main Parking Lot	SSHS-B632	6-8	2/10/2017	<0.0099U	<0.0096U	<0.0074U	<0.015U	<0.0089U	<0.0081U	<0.012U	<0.0057U	<0.013U	<0
Main Parking Lot	SSHS-B632	8-10	2/10/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	0.033J	0.02J	<0.012U	<0.0056U	<0.013U	0.053
Main Parking Lot	SSHS-B632	10-12	2/10/2017	<0.01U	<0.0099U	<0.0076U	<0.015U	<0.0091U	<0.0084U	<0.013U	<0.0058U	<0.014U	<0
Main Parking Lot	SSHS-B632	12-14	2/10/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.023J	0.012J	<0.012U	<0.0055U	<0.013U	0.035
Main Parking Lot	SSHS-B633	2-4	2/10/2017	<0.09U,F1	<0.088U	<0.068U	<0.14U	11J	3.3J	0.63J	<0.052U	<0.12U	14.93
Main Parking Lot	SSHS-B633	4-6	2/10/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	3.6J	0.82J	0.18J	<0.0056U	<0.013U	4.6
Main Parking Lot	SSHS-B633	6-8	2/10/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.16J	0.084J	<0.012U	<0.0055U	<0.013U	0.244
Main Parking Lot	SSHS-B633	8-10	2/10/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	2.2J	0.73J	0.097J	<0.0056U	<0.013U	3.027
Main Parking Lot	SSHS-B633	10-12	2/10/2017	<1U	<0.98U	<0.75U	<1.5U	240J	120J	13J	<0.58U	<1.4U	373
Main Parking Lot	SSHS-B633	12-14	2/10/2017	<0.049U	<0.048U	<0.037U	<0.074U	11J	4.7J	0.75J	<0.028U	<0.067U	16.45
Main Parking Lot	SSHS-B634	2-4	2/10/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.16	0.094	0.02	<0.0055U	<0.013U	0.274
Main Parking Lot	SSHS-B634	4-6	2/10/2017	<0.0001U	<0.0001U	<0.000078U	<0.00016U	0.0015	0.00057	<0.00013U	<0.00006U	<0.00014U	0.00207
Main Parking Lot	SSHS-B634	8-10	2/10/2017	<0.0099U	<0.0096U	<0.0074U	<0.015U	0.11J	0.044J	<0.012U	<0.0057U	<0.013U	0.154
Main Parking Lot	SSHS-B634	12-14	2/10/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.087J	0.046J	<0.012U	<0.0055U	<0.013U	0.133
Main Parking Lot	SSHS-B656	10-12	2/14/2017	<0.0097U,F2	<0.0095U	<0.0073U	<0.015U	0.036J	0.011J	<0.012U,F2	<0.0056U	<0.013U	0.047
Main Parking Lot	SSHS-B656	12-14	2/14/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.45J	0.15J	0.018J	<0.0055U	<0.013U	0.618
Main Parking Lot	SSHS-B679	2-4	3/21/2017	<0.049U,F1	<0.048U	<0.037U	<0.073U	8.8	2.4	0.65	<0.028U	<0.066U	11.85
Main Parking Lot	SSHS-B679	4-6	3/21/2017	<0.0097U	<0.0094U	<0.0072U	<0.014U	1.3	0.4	0.088	<0.0056U	<0.013U	1.788
Main Parking Lot	SSHS-B679	10-12	3/21/2017	<0.01U	<0.01U	<0.0077U	<0.015U	0.24	0.093	0.032	<0.0059U	<0.014U	0.365
Main Parking Lot	SSHS-B679	12-14	3/21/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.74	0.22	0.054	<0.0056U	<0.013U	1.014
Main Parking Lot	SSHS-B680	2-4	3/20/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.19	0.054	0.015J	<0.0055U	<0.013U	0.259
Main Parking Lot	SSHS-B680	4-6	3/20/2017	<0.0094U	<0.0092U	<0.0071U	<0.014U	0.095	0.032	<0.012U	<0.0054U	<0.013U	0.127
Main Parking Lot	SSHS-B680	10-12	3/20/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	0.75	0.17	0.049	<0.0058U	<0.014U	0.969
Main Parking Lot	SSHS-B680	12-14	3/20/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.18	0.049	0.014J	<0.0055U	<0.013U	0.243
Main Parking Lot	SSHS-B681	2-4	3/20/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.17	0.068	0.02	<0.0057U	<0.013U	0.258
Main Parking Lot	SSHS-B681	4-6	3/20/2017	<0.01U	<0.01U	<0.0076U	<0.015U	0.076	0.043	0.014J	<0.0059U	<0.014U	0.133
Main Parking Lot	SSHS-B681	8-10	3/20/2017	<0.01U	<0.01U	<0.0077U	<0.015U	0.099	0.041	0.016J	<0.0059U	<0.014U	0.156
Main Parking Lot	SSHS-B681	10-12	3/20/2017	<0.01U	<0.01U	<0.0076U	<0.015U	0.47	0.11	0.039	<0.0059U	<0.014U	0.619
Main Parking Lot	SSHS-B681	12-14	3/20/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	0.11	0.033	0.014J	<0.0057U	<0.014U	0.157
Main Parking Lot	SSHS-B692	2-4	3/20/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.37	0.14	0.053	<0.0057U	<0.013U	0.563
Main Parking Lot	SSHS-B692	8-10	3/20/2017	<0.01U	<0.0099U	<0.0076U	<0.015U	0.25	0.078	0.023	<0.0058U	<0.014U	0.351
Main Parking Lot	SSHS-B692	10-12	3/20/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	1	0.3	0.067	<0.0056U	<0.013U	1.367
Main Parking Lot	SSHS-B692	12-14	3/20/2017	<0.011U	<0.01U	<0.0079U	<0.016U	0.37	0.11	0.043	<0.0061U	<0.014U	0.523
Main Parking Lot	SSHS-B694	10-12	3/21/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	<0.009U	<0.0083U	<0.013U	<0.0058U	<0.014U	0
Main Parking Lot	SSHS-B696	2-4	3/20/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	1.3	0.52	0.28	<0.0056U	<0.013U	2.1
Main Parking Lot	SSHS-B696	4-6	3/20/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	1.6	0.86	0.19	<0.0057U	<0.014U	2.65
Main Parking Lot	SSHS-B696	10-12	3/20/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.13	0.09	0.05	<0.0057U	<0.013U	0.27
Main Parking Lot	SSHS-B696	12-14	3/20/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.55	0.11p	0.055	<0.0056U	<0.013U	0.715
Main Parking Lot	SSHS-B697	2-4	3/21/2017	<1U	<0.98U	<0.75U	<1.5U	110	38	5.5	<0.58U	<1.4U	153.5
Main Parking Lot	SSHS-B697	4-6	3/21/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	3.5	0.88	0.16	<0.0056U	<0.013U	4.54
Main Parking Lot	SSHS-B697	10-12	3/21/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	0.74	0.36	0.12	<0.0058U	<0.014U	1.22
Main Parking Lot	SSHS-B697	12-14	3/21/2017	<0.01U	<0.01U	<0.0076U	<0.015U	2.1	0.46	0.1	<0.0059U	<0.014U	2.66
Main Parking Lot	SSHS-B698	2-4	3/20/2017	<0.01U	<0.01U	<0.0078U	<0.016U	0.55	0.17	0.057	<0.006U	<0.014U	0.777
Main Parking Lot	SSHS-B698	10-12	3/20/2017	<0.0099U	<0.0096U	<0.0074U	<0.015U	0.093	0.059	0.021	<0.0057U	<0.013U	0.173
Main Parking Lot	SSHS-B698	12-14	3/20/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.073	0.035	<0.013U	<0.0057U	<0.013U	0.108
Main Parking Lot	SSHS-B699	2-4	3/21/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.028	0.023	<0.012U	<0.0055U	<0.013U	0.051
Main Parking Lot	SSHS-B699	4-6	3/21/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.12	0.057	0.025	<0.0057U	<0.013U	0.202
Main Parking Lot	SSHS-B699	8-10	3/21/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	0.073	0.032	<0.012U	<0.0056U	<0.013U	0.105
Main Parking Lot	SSHS-B699	10-12	3/21/2017	<0.01U	<0.01U	<0.0076U	<0.015U	0.51	0.14	0.048	<0.0059U	<0.014U	0.698
Main Parking Lot	SSHS-B699	12-14	3/21/2017	<0.01U	<0.01U	<0.0077U	<0.016U	0.075	0.033	<0.013U	<0.0059U	<0.014U	0.108
Main Parking Lot	SSHS-B704	2-4	3/20/2017	<0.01U,F1	<0.01U	<0.0078U	<0.016U	0.49	0.12	0.051	<0.006U	<0.014U	0.661
Main Parking Lot	SSHS-B705	8-10	3/20/2017	<0.01U	<0.0099U	<0.0075U	<0.015U	0.2	0.093	0.031	<0.0058U	<0.014U	0.324
Main Parking Lot	SSHS-B720	2-4	4/12/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.056	0.04	0.016J	<0.0057U	<0.013U	0.112
Main Parking Lot	SSHS-B720	4-6	4/12/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.077	0.045	0.013J	<0.0057U	<0.013U	0.135
Main Parking Lot	SSHS-B721	2-4	4/12/2017	<0.01U	<0.0099U	<0.0075U	<0.015U	0.32	0.21	0.039	<0.0058U	<0.014U	0.569
Main Parking Lot	SSHS-B721	4-6	4/12/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.078	0.05	<0.012U	<0.0055U	<0.013U	0.128
Main Parking Lot	SSHS-B722	2-4	4/12/2017	<0.0093U	<0.009U	<0.0069U	<0.014U	0.028	0.018	<0.012U	<0.0053U	<0.013U	0.046
Main Parking Lot	SSHS-B722	4-6	4/12/2017	<0.0093U	<0.0091U	<0.007U	<0.014U	0.055	0.028	<0.012U	<0.0054U	<0.013U	0.083
Main Parking Lot	SSHS-B73	2-6	8/13/2014	<0.0028U	<0.0036U	<0.0032U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0042U	<0
Main Parking Lot	SSHS-B73	6-10	8/13/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	0.046	<0.0026U	<0.012J	<0.0023U	<0.0039U	0.046
Main Parking Lot	SSHS-B73	10-15	8/13/2014	<0.0028U	<0.0035U	<0.0032U	<0.003U	0.077	<0.0026U	0.024	<0.0024U	<0.0041U	0.101
Main Parking Lot	SSHS-B74	2-6	8/13/2014	<0.0026U	<0.0033U	<0.003U	<0.0028U	<0.0016U	<0.0025U	<0.0025U	<0.0022U	<0.0038U	<0
Main Parking Lot	SSHS-B74	6-10	8/13/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0

TABLE 3
SUMMARY OF PCB RESULTS FOR SUBSURFACE SOILS (Below 2 ft bgs)

Former Sperry Remington Site - North
Elmira, New York

				Polychlorinated Biphenyls									
				Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1268	Aroclor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.0002	0.0002	0.00013	0.00006	0.00014	
Subsurface Soil Criteria													10
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sampled Date**										
Main Parking Lot	SSHS-B74	10-15	8/13/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
Main Parking Lot	SSHS-B78	2-6	8/14/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
Main Parking Lot	SSHS-B78	6-10	8/14/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
Main Parking Lot	SSHS-B78	10-15	8/14/2014	<0.0026U	<0.0033U	<0.003U	<0.0028U	<0.0017U	<0.0025U	<0.0025U	<0.0022U	<0.0038U	<0
Main Parking Lot	SSHS-B783	2-4	5/17/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	0.2J	0.078J	0.014J	<0.0056U	<0.013U	0.292
Main Parking Lot	SSHS-B784	2-4	5/17/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.061J	0.045J	<0.012U	<0.0057U	<0.013U	0.106
Main Parking Lot	SSHS-B79	2-6	8/14/2014	<0.0027U	<0.0035U	<0.0031U	<0.0029U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
Main Parking Lot	SSHS-B79	6-10	8/14/2014	<0.0027U	<0.0035U	<0.0032U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
Main Parking Lot	SSHS-B79	10-15	8/14/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
Main Parking Lot	SSHS-B799	2-4	5/17/2017	<0.0099U	<0.0096U	<0.0074U	<0.015U	0.079J	0.033J	<0.012U	<0.0057U	<0.013U	0.112
Main Parking Lot	SSHS-B799	10-12	5/17/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	1.7J	0.57J	0.071J	<0.0055U	<0.013U	2.341
Main Parking Lot	SSHS-B799	12-14	5/17/2017	<0.011U	<0.01U	<0.0079U	<0.016U	0.13J	0.066J	<0.013U	<0.0061U	<0.014U	0.196
Main Parking Lot	SSHS-B80	2-6	8/14/2014	<0.0027U	<0.0035U	<0.0032U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
Main Parking Lot	SSHS-B80	6-10	8/14/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
Main Parking Lot	SSHS-B80	10-14.5	8/14/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	<0.0017U	<0.0026U	<0.0025U	<0.0023U	<0.0039U	<0
Main Parking Lot	SSHS-B81	2-6	8/14/2014	<0.0027U	<0.0035U	<0.0032U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
Main Parking Lot	SSHS-B81	6-10	8/14/2014	<0.0028U	<0.0036U	<0.0033U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0025U	<0.0042U	<0
Main Parking Lot	SSHS-B81	10-13.5	8/14/2014	<0.0028U	<0.0036U	<0.0032U	<0.003U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
Main Parking Lot	SSHS-B82	2-6	8/13/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
Main Parking Lot	SSHS-B82	6-10	8/13/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
Main Parking Lot	SSHS-B82	10-15	8/13/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
Main Parking Lot	SSHS-B83	2-6	8/13/2014	<0.0029U	<0.0038U	<0.0034U	<0.0032U	<0.0019U	<0.0028U	<0.0028U	<0.0025U	<0.0043U	<0
Main Parking Lot	SSHS-B83	6-10	8/13/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
Main Parking Lot	SSHS-B83	10-14.5	8/13/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
Main Parking Lot	SSHS-B84	2-6	8/14/2014	<0.0028U	<0.0036U	<0.0032U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0042U	<0
Main Parking Lot	SSHS-B84	6-10	8/14/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0038U	<0
Main Parking Lot	SSHS-B84	10-14	8/14/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.0039U	<0
Main Parking Lot	SSHS-B85	2-6	8/13/2014	<0.0031U	<0.004U	<0.0036U	<0.0034U	<0.002U	<0.003U	<0.003U	<0.0027U	<0.0046U	<0
Main Parking Lot	SSHS-B85	6-10	8/13/2014	<0.0028U	<0.0036U	<0.0032U	<0.003U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
Main Parking Lot	SSHS-B85	10-15	8/13/2014	<0.0028U	<0.0037U	<0.0033U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0025U	<0.0042U	<0
Main Parking Lot	SSHS-B86	2-6	8/13/2014	<0.003U	<0.0038U	<0.0034U	<0.0033U	<0.0019U	<0.0028U	<0.0028U	<0.0026U	<0.0044U	<0
Main Parking Lot	SSHS-B86	6-10	8/13/2014	<0.0028U	<0.0035U	<0.0032U	<0.003U	<0.0018U	<0.0026U	<0.0026U	<0.0024U	<0.0041U	<0
Main Parking Lot	SSHS-B86	10-15	8/13/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
Main Parking Lot	SSHS-B87	2-6	8/14/2014	<0.0028U	<0.0036U	<0.0032U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0042U	<0
Main Parking Lot	SSHS-B87	6-10	8/14/2014	<0.0028U	<0.0036U	<0.0032U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
Main Parking Lot	SSHS-B87	10-15	8/14/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
Main Parking Lot	SSHS-B88	2-6	8/13/2014	<0.0029U	<0.0037U	<0.0033U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0025U	<0.0042U	<0
Main Parking Lot	SSHS-B88	6-10	8/13/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
Main Parking Lot	SSHS-B88	10-15	8/13/2014	<0.0028U	<0.0036U	<0.0033U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0025U	<0.0042U	<0
Main Parking Lot	SSHS-B89	2-6	8/13/2014	<0.0029U	<0.0037U	<0.0033U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0025U	<0.0042U	<0
Main Parking Lot	SSHS-B89	6-10	8/13/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
Main Parking Lot	SSHS-B89	10-15	8/13/2014	<0.0028U	<0.0036U	<0.0032U	<0.003U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
Main Parking Lot	SSHS-B90	2-6	8/13/2014	<0.003U	<0.0038U	<0.0034U	<0.0033U	0.033	<0.0028U	<0.012J	<0.0026U	<0.0044U	0.033
Main Parking Lot	SSHS-B90	6-10	8/13/2014	<0.003U	<0.0038U	<0.0035U	<0.0033U	<0.0019U	<0.0029U	<0.0029U	<0.0026U	<0.0044U	<0
Main Parking Lot	SSHS-B90	10-15	8/13/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.0039U	<0
Main Parking Lot	SSHS-B91	2-6	8/13/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
Main Parking Lot	SSHS-B91	6-10	8/13/2014	<0.0026U	<0.0033U	<0.003U	<0.0028U	<0.0016U	<0.0025U	<0.0025U	<0.0022U	<0.0038U	<0
Main Parking Lot	SSHS-B91	10-15	8/13/2014	<0.0028U	<0.0036U	<0.0032U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
South of Athletic Stands	SSHS-B259	2-4	7/29/2015	<0.08U	<0.098U	<0.13U	<0.099U	35J	7.7J	1.4J	<0.079U	<0.14U	44.1
South of Athletic Stands	SSHS-B260	2-4	7/29/2015	<0.19U	<0.23U	<0.32U	<0.23U	44J	17J	1.9J	<0.18U	<0.34U	62.9
South of Athletic Stands	SSHS-B260	4-6	7/29/2015	<0.38U	<0.47U	<0.65U	<0.47U	83J	12J	3.8J	<0.38U	<0.69U	98.8
South of Athletic Stands	SSHS-B260	6-8	7/29/2015	<0.81U	<0.99U	<1.4U	<1U	1000J	130J	37J	<0.8U	<1.5U	1167
South of Athletic Stands	SSHS-B261	2-4	7/17/2015	<0.038U	<0.046U	<0.064U	<0.047U	23J	9.3J	1.3J	<0.037U	<0.068U	33.6
South of Athletic Stands	SSHS-B261	4-6	7/17/2015	<0.004U	<0.0049U	<0.0067U	<0.0049U	3.6J	1.3J	0.19J	<0.0039U	<0.0072U	5.09
South of Athletic Stands	SSHS-B261	6-8	7/17/2015	<0.0039U	<0.0048U	<0.0066U	<0.0049U	<0.0048U	<0.0046U	<0.0042U	<0.0039U	<0.0071U	<0
South of Athletic Stands	SSHS-B262	2-4	7/29/2015	<0.079U	<0.097U	<0.13U	<0.098U	18J	2.1J	0.54J	<0.078U	<0.14U	20.64
South of Athletic Stands	SSHS-B262	4-6	7/29/2015	<0.0039U	<0.0048U	<0.0067U	<0.0049U	2.6J	1J	0.079J	<0.0039U	<0.0071U	3.679
South of Athletic Stands	SSHS-B262	6-8	7/29/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	0.016J	0.0077J	<0.004U	<0.0037U	<0.0067U	0.0237
South of Athletic Stands	SSHS-B264	2-3	7/17/2015	<0.036U	<0.044U	<0.061U	<0.045U	15J	7.3J	0.85J	<0.036U	<0.065U	23.15
South of Athletic Stands	SSHS-B265	2-4	7/17/2015	<0.037U	<0.046U	<0.063U	<0.046U	23J	8.2J	1.1J	<0.037U	<0.067U	32.3
South of Athletic Stands	SSHS-B265	4-6	7/17/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	1.5J	0.48J	0.057J	<0.0038U	<0.007U	2.037
South of Athletic Stands	SSHS-B265	6-8	7/17/2015	<0.004U	<0.0049U	<0.0068U	<0.005U	<0.0049U	<0.0047U	<0.0043U	<0.004U	<0.0073U	<0
South of Athletic Stands	SSHS-B266	2-4	7/17/2015	<0.02U	<0.025U	<0.034U	<0.025U	8.5J	3.1J	0.32J	<0.02U	<0.037U	11.92
South of Athletic Stands	SSHS-B266	4-6	7/17/2015	<0.18U	<0.23U	<0.31U	<0.23U	44J	18J	2.7J	<0.18U	<0.33U	64.7
South of Athletic Stands	SSHS-B266	6-8	7/17/2015	<0.39U	<0.47U	<0.65U	<0.48U	170J	66J	11J	<0.38U	<0.7U	247
South of Athletic Stands	SSHS-B266A	8-10	7/29/2015	<0.039U	<0.048U	<0.066U	<0.048U	20J	4.7J	1J	<0.038U	<0.07U	25.7
South of Athletic Stands	SSHS-B268	2-4	7/29/2015	<0.037U	<0.045U	<0.063U	<0.046U	10J	1.1J	0.45J	<0.036U	<0.067U	11.55
South of Athletic Stands	SSHS-B268	4-6	7/29/2015	<0.004U	<0.0048U	<0.0067U	<0.0049U	0.63J	0.28J	0.032J	<0.0039U	<0.0072U	0.942
South of Athletic Stands	SSHS-B268	6-8	7/29/2015	<0.0039U	<0.0047U	<0.0065U	<0.0048U	<0.0047U	<0.0045U	<0.0041U	<0.0038U	<0.007U	<0
South of Athletic Stands	SSHS-B269	2-3	7/17/2015	<0.019U	<0.023U	<0.031U	<0.023U	7.3J	3.3J	0.57J	<0.018U	<0.033U	11.17
South of Athletic Stands	SSHS-B270	2-4	7/17/2015	<0.037U	<0.045U	<0.062U	<0.046U	22J	9.8J	1J	<0.036U	<0.067U	32.8
South of Athletic Stands	SSHS-B270	4-5	7/17/2015	<0.038U	<0.046U	<0.064U	<0.047U	14J	5.8J	0.68J	<0.037U	<0.068U	20.48
South of Athletic Stands	SSHS-B271	2-4	7/17/2015	<0.0038U	<0.0047U	<0.0065U	<0.0047U	4.7J	1.8J	0.28J	<0.0038U	<0.0069U	6.78
South of Athletic Stands	SSHS-B271	4-6	7/17/2015	<0.038U	<0.047U	<0.064U	<0.047U	42J	14J	2.1J	<0.037U	<0.069U	58.1
South of Athletic Stands	SSHS-B271	6-8	7/17/2015	<0.0038U	<0.0046U	<0.0064U	<0.0046U	5.9J	2.5J	0.43J	<0.0037U	<0.0068U	8.83
South of Athletic Stands	SSHS-B273	2-4	7/29/2015	<7.5U	<9.2U	<13U	<9.3U	600J	200J	62J	<7.4U	<14U	862
South of Athletic Stands	SSHS-B273	4-6	7/29/2015	<0.075U	<0.092U	<0.13U	<0.093U	18J	6.4J	1.3J	<0.074U	<0.14U	25.7
South of Athletic Stands	SSHS-B273	6-8	7/29/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.084J	0.099J	<0.019U	<0.0039U	<0.0071U	0.183
South of Athletic Stands	SSHS-B274	2-4	7/29/2015	<0.38U	<0.47U	<0.64U	<0.47U	78J	27J	3.5J	<0.37U	<0.69U	108.5
South of Athletic Stands	SSHS-B274	4-6	7/29/2015	<0.039U	<0.048U	<0.066U	<0.048U	8.9J	1.5J	0.83J	<0.039U	<0.071U	11.23
South of Athletic Stands	SSHS-B274	6-8	7/29/2015	<0.0038U	<0.0047U	<0.0065U	<0.0048U	<0.0047U	<0.0045U	0.0076J	<0.0038U	<0.0069U	0.0076
South of Athletic Stands	SSHS-B275	2-4	7/17/2015	<0.039U	<0.047U	<0.065U	<0.048U	55J	22J	2.9J	<0.038U	<0.07U	79.9
South of Athletic Stands	SSHS-B275	4-5.5	7/17/2015	<0.36U	<0.44U	<0.61U	<0.45U	120J	43J	5.7J	<0.35U	<0.65U	168.7
South of Athletic Stands	SSHS-B276	2-4	7/29/2015	<0.039U	<0.047U	<0.066U	<0.048U	16J	3.2J	0.59J	<0.038U	<0.07U	19.79
South of Athletic Stands	SSHS-B276	4-6	7/29/2015	<0.2U	<0.24U	<0.34U	<0.25U	65J	7.4J	2.4J	<0.2U	<0.36U	74.8
South of Athletic Stands	SSHS-B276	6-8	7/29/2015	<0.19U	<0.24U	<0.33U	<0.24U	62J	9.4J	2.2J	<0.19U	<0.35U	73.6
South of Athletic Stands	SSHS-B277	2-4	7/29/2015	<0.0038U	<0.0046U	<0.0064U	<0.0047U	0.63J	0.15J	0.054J	<0.0037U	<0.0068U	0.834
South of Athletic Stands	SSHS-B277	4-6	7/29/2015	<0.0038U	<0.0047U	<0.0065U	<0.0047U	4.4J	1.3J	0.19J	<0.0038U	<0.0069U	5.89
South of Athletic Stands	SSHS-B277	6-8	7/29/2015	<0.075U	<0.092U	<0.13U	<0.093U	16J	3.5J	2.2J	<0.074U	<0.14U	21.7
South of Athletic Stands	SSHS-B278	2-4	7/16/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	2.3J	1.2J	0.14J	<0.0037U	<0.0068U	3.64
South of Athletic Stands	SSHS-B278	4-6	7/16/2015	<0.038U,F1	<0.046U	<0.064U	<0.047U	12J	11J	2.7J	<0.037U	<0.068U	25.7
South of Athletic Stands	SSHS-B278	6-8	7/16/2015	<0.073U	<0.09U	<0.12U	<0.091U	14J	12J	3.3J	<0.072U	<0.13U	29.3
South of Athletic Stands	SSHS-B278A	8-10	7/29/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	4.4J	0.76J	0.15J	<0.0037U	<0.0067U	5.31
South of Athletic Stands	SSHS-B279	2-4	7/29/2015	<0.038U	<0.046U	<0.064U	<0.047U	4.3J	2J	1.7J	<0.037U	<0.069U	8
South of Athletic Stands	SSHS-B279	4-6	7/29/2015	<0.078U	<0.096U	<0.13U	<0.097U	27J	7.9J	6.8J	<0.077U	<0.14U	41.7
South of Athletic Stands	SSHS-B279	6-8	7/29/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	<0.0046U	0.023J	0.065J	<0.0037U	<0.0068U	0.088
South of Athletic Stands	SSHS-B280	2-4	7/16/2015	<0.0036U	<0.0044U	<0.0061U	<0.0045U	0.049J	0.045J	<0.0039U	<0.0036U	<0.0066U	0.094
South of Athletic Stands	SSHS-B280	4-6	7/16/2015	<0.77U	<0.95U	<1.3U	<0.95U	760J	150J	50J	<0.76U	<1.4U	960
South of Athletic Stands	SSHS-B280	6-8	7/16/2015	<0.0042U	<0.0052U	<0.0072U	<0.0053U	4.1J	2J	0.36J	<0.0042U	<0.0077U	6.46
South of Athletic Stands	SSHS-B281	2-4	7/17/2015	<0.004U	<0.0049U	<0.0068U	<0.005U	5.9J	3.1J	0.35J	<0.0039U	<0.0072U	9.35
South of Athletic Stands	SSHS-B281	4-6	7/17/2015	<0.04U	<0.049U	<0.067U	<0.049U	6.4J	11J	2.2J	<0.039U	<0.072U	19.6
South of Athletic Stands	SSHS-B281	6-8	7/17/2015	<0.0038U	<0.0047U	<0.0065U	<0.0048U	<0.0047U	0.25J	0.079J	<0.0038U	<0.007U	0.329
South of Athletic Stands	SSHS-B282	2-4	7/29/2015	<0.0038U	<0.0046U	<0.0064U	<0.0047U	1.9J	0.62J	0.12J	<0.0037U	<0.0068U	2.64
South of Athletic Stands	SSHS-B282	4-5	7/29/2015	<0.18U	<0.22U	<0.31U	<0.23U	61J	20J	2.1J	<0.18U	<0.33U	83.1
South of Athletic Stands	SSHS-B283	2-4	7/16/2015	<0.0039U	<0.0048U	<0.0067U	<0.0049U	0.64J	0.4J	0.058J	<0.0039U	<0.0071U	1.098

TABLE 3
SUMMARY OF PCB RESULTS FOR SUBSURFACE SOILS (Below 2 ft bgs)

Former Sperry Remington Site - North
Elmira, New York

				Polychlorinated Biphenyls									
				Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1268	Aroclor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.0002	0.0002	0.00013	0.00006	0.00014	
Subsurface Soil Criteria													10
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sampled Date**										
South of Athletic Stands	SSHS-B283	4-6	7/16/2015	<0.076U	<0.093U	<0.13U	<0.094U	19J	7.9J	1.4J	<0.075U	<0.14U	28.3
South of Athletic Stands	SSHS-B283	6-8	7/16/2015	<0.077U	<0.095U	<0.13U	<0.096U	31J	15J	1.6J	<0.076U	<0.14U	47.6
South of Athletic Stands	SSHS-B283A	8-10	7/29/2015	<0.076U	<0.093U	<0.13U	<0.094U	14J	6.6J	3.8J	<0.075U	<0.14U	24.4
South of Athletic Stands	SSHS-B284	2-4	7/29/2015	<0.0036U	<0.0045U	<0.0062U	<0.0045U	2.6J	0.88J	0.33J	<0.0036U	<0.0066U	3.81
South of Athletic Stands	SSHS-B284	4-6	7/29/2015	<0.037U	<0.045U	<0.063U	<0.046U	6.6J	2J	0.6J	<0.037U	<0.067U	9.2
South of Athletic Stands	SSHS-B284	6-8	7/29/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	2.3J	0.81J	0.4J	<0.0037U	<0.0068U	3.51
South of Athletic Stands	SSHS-B327	2-4	3/3/2016	<0.0086U	<0.014U	<0.0047U	<0.007U	0.81J	0.28J	0.031J	<0.0035U	<0.0058U	1.121
South of Athletic Stands	SSHS-B327	4-6	3/3/2016	<0.0091U	<0.014U	<0.005U	<0.0074U	0.19J	0.059J	<0.0068U	<0.0037U	<0.0062U	0.249
South of Athletic Stands	SSHS-B331	2-4	3/3/2016	<0.0087U	<0.014U	<0.0047U	<0.007U	0.36J	0.2J	0.053J	<0.0035U	<0.0059U	0.613
South of Athletic Stands	SSHS-B331	4-6	3/3/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.62J	1.3J	0.6J	<0.0034U	<0.0057U	2.52
South of Athletic Stands	SSHS-B331	6-8	3/3/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	0.9J	1.8J	0.65J	<0.0036U	<0.006U	3.35
South of Athletic Stands	SSHS-B331	8-10	3/3/2016	<0.0086U	<0.014U	<0.0047U	<0.0069U	0.12J	0.13J	0.044J	<0.0035U	<0.0058U	0.294
South of Athletic Stands	SSHS-B332	4-6	3/3/2016	<0.0086U	<0.014U	<0.0047U	<0.0069U	0.25J	0.11J	0.021J	<0.0035U	<0.0058U	0.381
South of Athletic Stands	SSHS-B332	6-8	3/3/2016	<0.0085U	<0.013U	<0.0047U	<0.0069U	0.01J	<0.0069U	<0.0064U	<0.0035U	<0.0058U	0.01
South of Athletic Stands	SSHS-B332	8-10	3/3/2016	<0.0086U	<0.014U	<0.0047U	<0.007U	0.2J	0.095J	0.018J	<0.0035U	<0.0058U	0.313
South of Athletic Stands	SSHS-B333	2-4	3/3/2016	<0.009U	<0.014U	<0.0049U	<0.0072U	2.5J	1.8J	0.48J	<0.0037U	<0.0061U	4.78
South of Athletic Stands	SSHS-B333	4-6	3/3/2016	<0.18U	<0.28U	<0.098U	<0.14U	43J	16J	1.2J	<0.073U	<0.12U	60.2
South of Athletic Stands	SSHS-B333	6-8	3/3/2016	<0.86U	<1.4U	<0.47U	<0.7U	180J	52J	10J	<0.35U	<0.59U	204.2
South of Athletic Stands	SSHS-B333	8-10	3/3/2016	<0.44U	<0.7U	<0.24U	<0.36U	57J	19J	2J	<0.18U	<0.3U	78
South of Athletic Stands	SSHS-B335	2-4	3/3/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	5.1J	1.7J	0.36J	<0.0034U	<0.0056U	7.16
South of Athletic Stands	SSHS-B335	4-6	3/3/2016	<0.0091U	<0.014U	<0.005U	<0.0074U	0.61J	0.47J	0.16J	<0.0037U	<0.0062U	1.24
South of Athletic Stands	SSHS-B335	8-10	3/3/2016	<0.0089U,F1	<0.014U	<0.0049U	<0.0072U	2.3J	2.2J	0.38J	<0.0036U	<0.0061U	4.88
South of Athletic Stands	SSHS-B336	2-4	3/3/2016	<0.0089U	<0.014U	<0.0049U	<0.0072U	2J	0.94J	0.2J	<0.0036U	<0.006U	3.14
South of Athletic Stands	SSHS-B336	4-6	3/3/2016	<0.0091U	<0.014U	<0.005U	<0.0073U	0.19J	0.09J	0.018J	<0.0037U	<0.0062U	0.298
South of Athletic Stands	SSHS-B336	6-8	3/3/2016	<0.0087U	<0.014U	<0.0048U	<0.007U	0.031J	0.015J	<0.0065U	<0.0036U	<0.0059U	0.046
South of Athletic Stands	SSHS-B336	8-10	3/3/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	0.15J	0.064J	0.011J	<0.0036U	<0.006U	0.225
South of Athletic Stands	SSHS-B341	8-10	3/3/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	4.8J	2.1J	0.24J	<0.0034U	<0.0057U	7.14
South of Athletic Stands	SSHS-B342	8-10	3/3/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	4.4J	1.3J	0.12J	<0.0036U	<0.0059U	5.82
South of Athletic Stands	SSHS-B344	4-6	3/3/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	2.6J	0.96J	0.14J	<0.0036U	<0.006U	3.7
South of Athletic Stands	SSHS-B344	6-8	3/3/2016	<0.0089U	<0.014U	<0.0049U	<0.0072U	0.013J	<0.0072U	<0.0066U	<0.0036U	<0.006U	0.013
South of Athletic Stands	SSHS-B344	8-10	3/3/2016	<0.0086U	<0.014U	<0.0047U	<0.0069U	1.3J	0.47J	0.069J	<0.0035U	<0.0058U	1.839
South of Athletic Stands	SSHS-B468	2-4	8/24/2016	<0.41U	<0.65U	<0.23U	<0.33U	82J	24J	3.7J	<0.17U	<0.28U	109.7
South of Athletic Stands	SSHS-B468	4-6	8/24/2016	<0.0086U,F1	<0.014U	<0.0047U	<0.0069U	2J	0.58J	0.087J	<0.0035U	<0.0058U	2.667
South of Athletic Stands	SSHS-B471	6-8	8/24/2016	<0.41U	<0.65U	<0.22U	<0.33U	43J	38J	3.2J	<0.17U	<0.28U	84.2
South of Athletic Stands	SSHS-B471	8-10	8/24/2016	<0.84U	<1.3U	<0.46U	<0.68U	<0.43U	320J	28J	<0.34U	<0.57U	348
South of Athletic Stands	SSHS-B472	8-10	8/24/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	0.41J	0.24J	0.033J	<0.0034U	<0.0056U	0.683
South of Athletic Stands	SSHS-B474	8-10	8/24/2016	<0.82U	<1.3U	<0.45U	<0.66U	300J	67J	11J	<0.33U	<0.56U	378
South of Athletic Stands	SSHS-B474	10-12	8/24/2016	<0.0085U	<0.013U	<0.0047U	<0.0069U	1.5J	0.71J	0.088J	<0.0035U	<0.0058U	2.298
South of Athletic Stands	SSHS-B478	6-8	8/25/2016	<0.087U	<0.14U	<0.048U	<0.07U	21J	9.4J	1.1J	<0.036U	<0.059U	31.5
South of Athletic Stands	SSHS-B478	8-10	8/25/2016	<0.085U,F1	<0.13U	<0.047U	<0.069U	13J	7.7J	1.2J	<0.035U	<0.058U	21.9
South of Athletic Stands	SSHS-B478	10-12	8/25/2016	<0.0085U	<0.013U	<0.0046U	<0.0068U	0.43J	0.18J	0.072J	<0.0035U	<0.0057U	0.682
South of Athletic Stands	SSHS-B478	12-14	8/25/2016	<0.0085U	<0.013U	<0.0047U	<0.0069U	7.8J	5J	0.67J	<0.0035U	<0.0058U	13.47
South of Athletic Stands	SSHS-B482	10-12	8/24/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	1.4J	0.41J	0.15J	<0.0033U	<0.0055U	1.96
South of Athletic Stands	SSHS-B624	2-4	2/9/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	1.6J	0.68J	0.096J	<0.0056U	<0.013U	2.376
South of Athletic Stands	SSHS-B624	4-6	2/9/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	0.29J	0.16J	0.02J	<0.0058U	<0.014U	0.47
South of Athletic Stands	SSHS-B624	6-8	2/9/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	0.013J	0.011J	<0.013U	<0.0058U	<0.014U	0.024
South of Athletic Stands	SSHS-B624	8-10	2/9/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	1J	0.61J	0.091J	<0.0057U	<0.013U	1.701
South of Athletic Stands	SSHS-B624	10-12	2/9/2017	<0.011U	<0.011U	<0.008U	<0.016U	<0.0097U	<0.0089U	<0.014U	<0.0062U	<0.015U	0
South of Athletic Stands	SSHS-B624	12-14	2/9/2017	<0.0097U	<0.0094U	<0.0072U	<0.014U	0.37	0.13	0.032	<0.0055U	<0.013U	0.532
South of Athletic Stands	SSHS-B625	10-12	2/8/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	0
South of Athletic Stands	SSHS-B625	12-14	2/8/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	<0.0088U	<0.0081U	<0.012U	<0.0056U	<0.013U	0
South of Athletic Stands	SSHS-B626	10-12	2/9/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	<0.0087U	<0.008U	0.032	<0.0055U	<0.013U	0.032
South of Athletic Stands	SSHS-B626	12-14	2/9/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	1.1J	0.39J	0.08J	<0.0054U	<0.013U	1.57
South of Athletic Stands	SSHS-B627	12-14	2/8/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.3J	0.25J	0.11J	<0.0055U	<0.013U	0.66
South of Athletic Stands	SSHS-B630	8-10	2/14/2017	<5.2U	<5.1U	<3.9U	<7.8U	1000J	250J	53J	<3U	<7.1U	1303
South of Athletic Stands	SSHS-B630	10-12	2/14/2017	<0.5U	<0.49U	<0.37U	<0.75U	46J	11J	2.2J	<0.29U	<0.67U	59.2
South of Athletic Stands	SSHS-B630	12-14	2/14/2017	<0.98U	<0.96U	<0.73U	<1.5U	180J	40J	8.7J	<0.56U	<1.3U	228.7
South of Athletic Stands	SSHS-B649	2-4	2/9/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	2.6J	0.88J	0.12J	<0.0058U	<0.014U	3.6
South of Athletic Stands	SSHS-B655	4-6	2/13/2017	<0.048U	<0.047U	<0.036U	<0.072U	5J	1.9J	0.36J	<0.028U	<0.065U	7.26
South of Athletic Stands	SSHS-B655	6-8	2/13/2017	<0.01U	<0.01U	<0.0077U	<0.016U	0.025	<0.0086U	<0.013U	<0.006U	<0.014U	0.025
South of Athletic Stands	SSHS-B655	8-10	2/13/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	4.1	2.4	0.57	<0.0057U	<0.013U	7.07
South of Athletic Stands	SSHS-B666	8-10	2/13/2017	<0.0097U	<0.0094U	<0.0072U	<0.014U	1.2J	0.36J	0.067J	<0.0055U	<0.013U	1.627
South of Athletic Stands	SSHS-B667	10-12	2/10/2017	<0.1U	<0.1U	<0.078U	<0.16U	20J	8.1J	2J	<0.06U	<0.14U	30.1
South of Athletic Stands	SSHS-B667	12-14	2/10/2017	<0.011U	<0.011U	<0.0083U	<0.017U	6.6	1.9	0.36	<0.0064U	<0.015U	8.86
South of Athletic Stands	SSHS-B668	10-12	2/9/2017	<0.96U	<0.94U	<0.72U	<1.4U	150J	55J	18J	<0.55U	<1.3U	223
South of Athletic Stands	SSHS-B668	12-14	2/9/2017	<0.49U	<0.48U	<0.37U	<0.74U	49	43	8.3	<0.28U	<0.66U	100.3
South of Athletic Stands	SSHS-B671	10-12	2/10/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	<0.009U	<0.0083U	<0.013U	<0.0058U	<0.014U	<0
South of Athletic Stands	SSHS-B683	10-12	3/22/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.2	<0.008U	<0.012U	<0.0055U	<0.013U	0.2
South of Athletic Stands	SSHS-B683	12-14	3/22/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	0.52	0.27	0.097	<0.0056U	<0.013U	0.887
South of Athletic Stands	SSHS-B684	10-12	3/22/2017	<0.98U	<0.96U	<0.73U	<1.5U	<0.88U	200	<1.2U	<0.56U	<1.3U	200
South of Athletic Stands	SSHS-B684	12-14	3/22/2017	<0.97U	<0.95U	<0.72U	<1.5U	<0.87U	410	<1.2U	<0.56U	<1.3U	410
South of Athletic Stands	SSHS-B685	10-12	3/23/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	<0.0089U	<0.0082U	<0.013U	<0.0057U	<0.013U	0
South of Athletic Stands	SSHS-B685	12-14	3/23/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.4	0.12	0.021	<0.0057U	<0.013U	0.541
South of Athletic Stands	SSHS-B686	10-12	3/22/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.021	<0.0079U	<0.012U	<0.0055U	<0.013U	0.021
South of Athletic Stands	SSHS-B686	12-14	3/22/2017	<0.0093U,F2,F1	<0.009U	<0.0069U	<0.014U	0.56	0.15	0.027F2	<0.0053U	<0.013U	0.737
South of Athletic Stands	SSHS-B687	10-12	3/22/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	0
South of Athletic Stands	SSHS-B70	2-6	8/14/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	3.9	<0.0026U	0.2	<0.0023U	<0.004U	4.1
South of Athletic Stands	SSHS-B70	6-10	8/14/2014	<0.14U	<0.18U	<0.16U	<0.15U	39	<0.13U	2.3	<0.12U	<0.2U	41.3
South of Athletic Stands	SSHS-B70	10-14	8/14/2014	<0.0028U	<0.0036U	<0.0032U	<0.003U	<0.0018U	3.3	<0.0026U	<0.0024U	<0.0041U	3.3
South of Athletic Stands	SSHS-B700	6-8	3/22/2017	<0.0092U	<0.0089U	<0.0068U	<0.014U	0.017	0.0084J	<0.012U	<0.0053U	<0.012U	0.0254
South of Athletic Stands	SSHS-B700	10-12	3/22/2017	<0.01U	<0.01U	<0.0076U	<0.015U	<0.0092U	<0.0084U	<0.013U	<0.0059U	<0.014U	0
South of Athletic Stands	SSHS-B700	12-14	3/22/2017	<0.01U	<0.01U	<0.0077U	<0.015U	0.34	0.11	0.032	<0.0059U	<0.014U	0.482
South of Athletic Stands	SSHS-B706	10-12	3/22/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	0.048	0.022	0.024	<0.0056U	<0.013U	0.094
South of Athletic Stands	SSHS-B707	4-6	3/22/2017	<0.049U	<0.048U	<0.037U	<0.074U	8.3	2.7	0.49	<0.028U	<0.066U	11.49
South of Athletic Stands	SSHS-B707	10-12	3/22/2017	<0.0093U	<0.0091U	<0.007U	<0.014U	<0.0084U	<0.0077U	<0.012U	<0.0054U	<0.013U	0
South of Athletic Stands	SSHS-B712	10-12	3/22/2017	<0.0097U	<0.0094U	<0.0072U	<0.014U	0.015J	0.0099J	<0.012U	<0.0056U	<0.013U	0.0249
South of Athletic Stands	SSHS-B714	12-14	3/22/2017	<0.01U	<0.01U	<0.0077U	<0.015U	0.14	0.049	0.014J	<0.0059U	<0.014U	0.203
South of Athletic Stands	SSHS-B715	8-10	3/22/2017	<0.01U	<0.01U	<0.0076U	<0.015U	2	0.5	0.091	<0.0059U	<0.014U	2.591
South of Athletic Stands	SSHS-B715	12-14	3/22/2017	<0.0099U	<0.0096U	<0.0074U	<0.015U	0.18	0.045	0.012J	<0.0057U	<0.013U	0.237
South of Athletic Stands	SSHS-B724	10-12	4/12/2017	<0.01U	<0.0097U	<0.0074U	<0.015U	<0.009U	<0.0083U	<0.013U	<0.0057U	<0.013U	0
South of Athletic Stands	SSHS-B724	12-14	4/12/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.014J	<0.0079U	<0.012U	<0.0055U	<0.013U	0.014
South of Athletic Stands	SSHS-B739	2-4	4/12/2017	<0.5U	<0.49U	<0.37U	<0.75U	77	36	4.4	<0.29U	<0.67U	117.4
South of Athletic Stands	SSHS-B739	4-6	4/12/2017	<0.01U	<0.01U	<0.0077U	<0.015U	2.7	1.1	0.15	<0.0059U	<0.014U	3.95
South of Athletic Stands	SSHS-B739	6-8	4/12/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	<0.0088U	<0.0081U	<0.012U	<0.0056U	<0.013U	0
South of Athletic Stands	SSHS-B741	8-10	4/12/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	3.2	1.1	0.25	<0.0056U	<0.013U	4.55
South of Athletic Stands	SSHS-B742	10-12	4/12/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	<0.0088U	<0.0081U	<0.012U	<0.0056U	<0.013U	0
South of Athletic Stands	SSHS-B742	12-14	4/12/2017	<0.01U	<0.01U	<0.0077U	<0.015U	3.1	0.84	0.13	<0.0059U	<0.014U	4.07
South of Athletic Stands	SSHS-B782	2-4	5/16/2017	<1U	<1U	<0.78U	<1.6U	230	69	7.3	<0.6U	<1.4U	306.3
South of Athletic Stands	SSHS-B785	6-8	5/17/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	0.035J	0.0093J	<0.013U	<0.0058U	<0.014U	0.0443
South of Athletic Stands	SSHS-B786	6-8	5/17/2017	<0.01U	<0.01U	<0.0076U	<0.015U	0.34J	0.098J	<0.013U	<0.0059U	<0.014U	0.438
South of Athletic Stands	SSHS-B787	8-10	5/15/2017	<0.0095U	<0.0092U	<0.0071U	<0.014U	0.62	0.25	0.037	<0.0054U	<0.013U	0.907
South of Athletic Stands	SSHS-B790	2-4	5/17/2017	<10U	<9.9U	<7.6U	<15U	730J	240J	19J	<5.8U	<14U	989
South of Athletic Stands	SSHS-B791	2-4	5/16/2017	<0.099U	<0.096U	<0.074U	<0.15U	41	11	1	<0.057U	<0.13U	53
South of Athletic Stands	SSHS-B791	4-6	5/16/2017	<0.1U	<0.098U	<0.075U	<0.15U	23	7.1	0.95	<0.057U	<0.14U	31.05
South of Athletic Stands	SSHS-B791	6-8	5/23/2017	<0.19U	<0.18U	<0.14U	<0.28U	24	6.6	0.53	<0.11U	<0.25U	31.13

TABLE 3
SUMMARY OF PCB RESULTS FOR SUBSURFACE SOILS (Below 2 ft bgs)

Former Sperry Remington Site - North
Elmira, New York

				Polychlorinated Biphenyls									
				Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1268	Aroclor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.0002	0.0002	0.00013	0.00006	0.00014	
Subsurface Soil Criteria													10
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sampled Date**										
South of Athletic Stands	SSHS-B794	2-4	5/16/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	2.8	2.3	0.53	<0.0057U	<0.014U	5.63
South of Athletic Stands	SSHS-B794	4-6	5/16/2017	<0.095U,F1	<0.093U	<0.071U	<0.14U	17	7.9	3F1	<0.054U	<0.13U	27.9
South of Athletic Stands	SSHS-B794	6-8	5/16/2017	<0.01U	<0.01U	<0.0076U	<0.015U	<0.0092U	0.78	0.41	<0.0059U	<0.014U	1.19
South of Athletic Stands	SSHS-B795	2-4	5/16/2017	<0.01U	<0.01U	<0.0076U	<0.015U	0.67	0.19	0.022	<0.0059U	<0.014U	0.882
South of Athletic Stands	SSHS-B795	4-6	5/16/2017	<0.01U	<0.0099U	<0.0076U	<0.015U	0.28	0.072	<0.013U	<0.0059U	<0.014U	0.352
South of Athletic Stands	SSHS-B795	6-8	5/16/2017	<0.01U	<0.01U	<0.0077U	<0.016U	<0.0093U	<0.0086U	<0.013U	<0.0059U	<0.014U	0
South of Athletic Stands	SSHS-B795	8-10	5/16/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.16	0.051	<0.013U	<0.0057U	<0.013U	0.211
South of Athletic Stands	SSHS-B796	4-6	5/16/2017	<0.051U	<0.05U	<0.038U	<0.076U	10	3.6	0.42	<0.029U	<0.069U	14.02
South of Athletic Stands	SSHS-B796	6-8	5/16/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.11	0.073	0.016J	<0.0056U	<0.013U	0.199
South of Athletic Stands	SSHS-B797	4-6	5/16/2017	<0.1U	<0.097U	<0.074U	<0.15U	6.5	4	0.95	<0.057U	<0.13U	11.45
South of Athletic Stands	SSHS-B797	6-8	5/16/2017	<0.99U	<0.97U	<0.74U	<1.5U	52	79	23	<0.57U	<1.3U	154
South of Athletic Stands	SSHS-B800	2-4	5/17/2017	<0.19U	<0.19U	<0.14U	<0.28U	34J	10J	1.2J	<0.11U	<0.26U	45.2
South of Athletic Stands	SSHS-B800	4-6	5/17/2017	<4.9U	<4.8U	<3.6U	<7.3U	540J	140J	15J	<2.8U	<6.6U	695
South of Athletic Stands	SSHS-B800	6-8	5/17/2017	<10U	<10U	<7.7U	<15U	2700J	630J	79J	<5.9U	<14U	3409
South of Athletic Stands	SSHS-B800	8-10	5/17/2017	<10U	<10U	<7.7U	<15U	850J	200J	25J	<5.9U	<14U	1075
South of Athletic Stands	SSHS-B800	10-12	5/17/2017	<0.51U	<0.5U	<0.38U	<0.76U	71	18	2.3	<0.29U	<0.69U	91.3
South of Athletic Stands	SSHS-B800	12-14	5/17/2017	<0.96U	<0.94U	<0.72U	<1.4U	170J	41J	5.1J	<0.55U	<1.3U	216.1
South of Athletic Stands	SSHS-B808	4-6	5/16/2017	<0.1U	<0.1U	<0.077U	<0.15U	15	10	1.1	<0.059U	<0.14U	26.1
South of Athletic Stands	SSHS-B820	4-6	5/23/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	0.49	0.25	0.034	<0.0058U	<0.014U	0.774
South of Athletic Stands	SSHS-B820	6-8	5/23/2017	<0.01U	<0.01U	<0.0077U	<0.015U	<0.0093U	<0.0085U	<0.013U	<0.0059U	<0.014U	0
South of Athletic Stands	SSHS-SS12-A	2-3	7/22/2014	<0.0067U	<0.0086U	<0.0078U	<0.0074U	8.2J	3.3J	<0.0064U	<0.0058U	<0.0099U	11.5
South of Athletic Stands	SSHS-SS12-B	2-3	7/22/2014	<0.034U	<0.043U	<0.039U	<0.037U	20J	12J	<0.032U	<0.029U	<0.05U	32
South of Athletic Stands	SSHS-SS12-C	2-3	7/22/2014	<0.067U	<0.086U	<0.077U	<0.073U	100J	29J	<0.064U	<0.058U	<0.098U	129
South of Athletic Stands	SSHS-SS12-CA	4-6	7/17/2015	<0.02U	<0.024U	<0.034U	<0.025U	8.6J	3.3J	0.58J	<0.02U	<0.036U	12.48
South of Athletic Stands	SSHS-SS12-CA	6-8	7/17/2015	<0.004U	<0.0049U	<0.0067U	<0.0049U	<0.0049U	<0.0046U	<0.0043U	<0.0039U	<0.0072U	<0
Tennis Court	SSHS-B14	5-6	5/10/2000	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	-	-	<0
Tennis Court	SSHS-B36	0.5-2.5	9/12/2000	<0.035U	<0.035U	<0.035U	<0.035U	0.28D	<0.035U	0.1	-	-	0.38
Tennis Court	SSHS-B37	0.5-2.5	9/12/2000	<0.034U	<0.034U	<0.034U	<0.034U	<0.034U	<0.034U	<0.034U	-	-	<0
Tennis Court	SSHS-B37	8-10	9/12/2000	<0.035U	<0.035U	<0.035U	<0.035U	0.046	<0.035U	0.035	-	-	0.081
Tennis Court	SSHS-B38	1-4.5	9/12/2000	<0.037U	<0.037U	<0.037U	<0.037U	0.74D	<0.037U	0.13	-	-	0.87
Tennis Court	SSHS-B577	2-4	2/10/2017	<0.0096U	<0.0094U	<0.0071U	<0.014U	0.73J	0.42J	0.15J	<0.0055U	<0.013U	1.3
Tennis Court	SSHS-B578	2-4	2/15/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	0.4J	0.53J	0.25J	<0.0056U	<0.013U	1.18
Tennis Court	SSHS-B579	2-4	2/15/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	<0.0087U	<0.008U	<0.012U	<0.0056U	<0.013U	0
Tennis Court	SSHS-B580	2-4	2/10/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	0.43J	0.18J	0.087J	<0.0056U	<0.013U	0.697
Tennis Court	SSHS-B581	2-4	2/14/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	0.086J	0.046J	<0.012U	<0.0054U	<0.013U	0.132
Tennis Court	SSHS-B582	2-4	2/14/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.24J	0.12J	0.047J	<0.0055U	<0.013U	0.407
Tennis Court	SSHS-B583	2-4	2/14/2017	<0.0095U	<0.0092U	<0.0071U	<0.014U	0.053J	0.045J	0.024J	<0.0054U	<0.013U	0.122
Tennis Court	SSHS-B584	2-4	2/14/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	1.7J	0.69J	0.35J	<0.0054U	<0.013U	2.74
Tennis Court	SSHS-B585	2-4	2/10/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.13	0.068	0.033	<0.0056U	<0.013U	0.231
Tennis Court	SSHS-B586	2-4	2/10/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.46	0.16	0.079	<0.0055U	<0.013U	0.699
Tennis Court	SSHS-B586	4-6	2/10/2017	<0.0093U	<0.0091U	<0.0069U	<0.014U	0.07	0.025	<0.012U	<0.0053U	<0.013U	0.095
Tennis Court	SSHS-B590	4-6	2/15/2017	<0.01U	<0.0099U	<0.0076U	<0.015U	<0.0091U	<0.0084U	<0.013U	<0.0058U	<0.014U	0
Tennis Court	SSHS-B594	2-4	2/15/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.36	0.24	0.12	<0.0056U	<0.013U	0.72
Tennis Court	SSHS-B664	2-4	2/15/2017	<0.01U	<0.0097U	<0.0074U	<0.015U	0.25J	0.21J	0.061J	<0.0057U	<0.013U	0.521
Tennis Court	SSHS-B674	2-4	3/21/2017	<0.01U	<0.0099U	<0.0075U	<0.015U	<0.0091U	0.17	0.071	<0.0058U	<0.014U	0.241
Tennis Court	SSHS-B677	2-4	3/21/2017	<0.0099U	<0.0096U	<0.0074U	<0.015U	<0.0089U	<0.0081U	<0.012U	<0.0057U	<0.013U	0
Tennis Court	SSHS-B71	2.5-4.5	8/15/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
Tennis Court	SSHS-B71	6-9.5	8/15/2014	<0.0026U	<0.0033U	<0.003U	<0.0028U	<0.0016U	<0.0025U	<0.0025U	<0.0022U	<0.0038U	<0
Tennis Court	SSHS-B72	3-5	8/15/2014	<0.0026U	<0.0033U	<0.003U	<0.0028U	<0.0016U	<0.0025U	<0.0025U	<0.0022U	<0.0038U	<0
Tennis Court	SSHS-B72	6-10	8/15/2014	<0.003U	<0.0038U	<0.0034U	<0.0032U	<0.0019U	<0.0028U	<0.0028U	<0.0026U	<0.0044U	<0
Tennis Court	SSHS-B72	11.5-13.5	8/15/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
Tennis Court	SSHS-B747	2-4	5/22/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	<0.0086U	0.39	<0.012U	<0.0055U	<0.013U	0.39
Tennis Court	SSHS-B748	2-4	5/22/2017	<0.01U	<0.0099U	<0.0076U	<0.015U	0.25	0.26	0.046	<0.0058U	<0.014U	0.556
Tennis Court	SSHS-B75	2-6	8/14/2014	<0.0028U	<0.0036U	<0.0032U	<0.003U	0.13	<0.0026U	<0.017J	<0.0024U	<0.0041U	0.13
Tennis Court	SSHS-B75	6-10	8/14/2014	<0.0027U	<0.0035U	<0.0031U	<0.0029U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
Tennis Court	SSHS-B75	10-15	8/14/2014	<0.0026U	<0.0033U	<0.003U	<0.0028U	<0.0016U	<0.0025U	<0.0025U	<0.0022U	<0.0038U	<0
Tennis Court	SSHS-B750	2-4	5/22/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	<0.0089U	0.36	<0.012U	<0.0057U	<0.013U	0.36
Tennis Court	SSHS-B751	2-4	5/22/2017	<0.01U	<0.01U	<0.0076U	<0.015U	0.12	0.073	0.023	<0.0059U	<0.014U	0.216
Tennis Court	SSHS-B752	2-4	5/22/2017	<0.0095U	<0.0092U	<0.0071U	<0.014U	<0.0085U	0.01J	<0.012U	<0.0054U	<0.013U	0.01
Tennis Court	SSHS-B753	2-4	5/23/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	1.3	0.78	0.22	<0.0055U	<0.013U	2.3
Tennis Court	SSHS-B754	2-4	5/23/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	1.3	0.79	0.23	<0.0056U	<0.013U	2.32
Tennis Court	SSHS-B755	2-4	5/23/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	0.97	0.62	0.18	<0.0056U	<0.013U	1.77
Tennis Court	SSHS-B756	2-4	5/22/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.2	0.15	0.049	<0.0055U	<0.013U	0.399
Tennis Court	SSHS-B757	2-4	5/22/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	0
Tennis Court	SSHS-B758	2-4	5/22/2017	<0.0091U	<0.0089U	<0.0068U	<0.014U	0.46	0.47	0.13	<0.0052U	<0.012U	1.06
Tennis Court	SSHS-B76	2-6	8/14/2014	<0.0028U	<0.0036U	<0.0032U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
Tennis Court	SSHS-B76	6-10	8/14/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0038U	<0
Tennis Court	SSHS-B76	10-15	8/14/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
Tennis Court	SSHS-B760	2-4	5/23/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	0.22	0.15	0.049	<0.0054U	<0.013U	0.419
Tennis Court	SSHS-B761	2-4	5/22/2017	<0.0097U	<0.0094U	<0.0072U	<0.014U	0.014J	<0.008U	<0.012U	<0.0055U	<0.013U	0.014
Tennis Court	SSHS-B762	2-4	5/23/2017	<0.0093U	<0.0091U	<0.0069U	<0.014U	0.52	0.43	0.16	<0.0053U	<0.013U	1.11
Tennis Court	SSHS-B763	2-4	5/23/2017	<0.0093U	<0.0091U	<0.007U	<0.014U	<0.0084U	<0.0077U	<0.012U	<0.0054U	<0.013U	0
Tennis Court	SSHS-B765	2-4	5/22/2017	<0.0097U	<0.0094U	<0.0072U	<0.014U	<0.0087U	<0.008U	<0.012U	<0.0055U	<0.013U	0
Tennis Court	SSHS-B766	2-4	5/22/2017	<0.01U	<0.01U	<0.0077U	<0.015U	<0.0092U	0.29	0.1	<0.0059U	<0.014U	0.39
Tennis Court	SSHS-B768	2-4	5/22/2017	<0.01U	<0.01U	<0.0076U	<0.015U	0.058	0.2	0.028	<0.0059U	<0.014U	0.286
Tennis Court	SSHS-B77	2-6	8/14/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
Tennis Court	SSHS-B77	6-10	8/14/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0038U	<0
Tennis Court	SSHS-B77	10-15	8/14/2014	<0.0026U	<0.0033U	<0.003U	<0.0028U	<0.0017U	<0.0025U	<0.0025U	<0.0022U	<0.0038U	<0
Tennis Court	SSHS-B771	2-4	5/22/2017	<0.0093U	<0.0091U	<0.007U	<0.014U	<0.0084U	0.09	0.012J	<0.0054U	<0.013U	0.102
Tennis Court	SSHS-B772	2-4	5/22/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.051	0.11	0.027	<0.0055U	<0.013U	0.188
Tennis Court	SSHS-B773	2-4	5/22/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	<0.0087U	0.088	0.026	<0.0055U	<0.013U	0.114
Tennis Court	SSHS-B777	2-4	5/23/2017	<0.0099U	<0.0096U	<0.0074U	<0.015U	<0.0089U	<0.0082U	<0.012U	<0.0057U	<0.013U	0
Tennis Court	SSHS-B778	2-4	5/22/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	<0.0086U	0.0098J	<0.012U	<0.0055U	<0.013U	0.0098
Tennis Court	SSHS-B781	2-4	5/23/2017	<0.0094U	<0.0091U	<0.007U	<0.014U	1.4	0.89	0.24	<0.0054U	<0.013U	2.53
Tennis Court	SSHS-B819	2-4	5/23/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	<0.0089U	<0.0082U	<0.012U	<0.0057U	<0.013U	0
Tennis Court	SSHS-B819	4-6	5/23/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	<0.0086U	<0.0079U	<0.012U	<0.0055U	<0.013U	0
Tennis Court	SSHS-B819	6-8	5/23/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0084U	<0.0077U	<0.012U	<0.0054U	<0.013U	0
Tennis Court	SSHS-B819	8-10	5/23/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	<0.0086U	<0.0079U	<0.012U	<0.0055U	<0.013U	0
Tennis Court	SSHS-B819	10-12	5/23/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	0
Tennis Court	SSHS-B819	12-14	5/23/2017	<0.0091U	<0.0089U	<0.0068U	<0.014U	<0.0082U	0.027	<0.012U	<0.0053U	<0.012U	0.027
Tennis Court	SSHS-B821	2-4	5/23/2017	<0.0093U	<0.0091U	<0.0069U	<0.014U	<0.0084U	<0.0077U	<0.012U	<0.0053U	<0.013U	0
Tennis Court	SSHS-B821	4-6	5/23/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	<0.0087U	<0.008U	<0.012U	<0.0056U	<0.013U	0
Tennis Court	SSHS-B821	6-8	5/23/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	0
Tennis Court	SSHS-B821	8-10	5/23/2017	<0.0091U	<0.0089U	<0.0068U	<0.014U	<0.0082U	<0.0075U	<0.011U	<0.0052U	<0.012U	0
Tennis Court	SSHS-B821	10-12	5/23/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	0
Tennis Court	SSHS-B821	12-14	5/23/2017	<0.0093U	<0.0091U	<0.007U	<0.014U	<0.0084U	<0.0077U	<0.012U	<0.0054U	<0.013U	0

Notes:
J - estimated value
U - non-detect
mg/kg - milligram per kilogram
ft bgs - feet below ground surface
PCBs - polychlorinated biphenyls
Concentrations detected above the soil cleanup criteria for PCBs (below 2 ft bgs) of 10 mg/kg are presented in grey.
PCB concentrations detected above New York State hazardous waste threshold (6 NYCRR Part 371.4 (e)) are presented in dark grey

TABLE 4
Summary of PCB Results for Subsurface Soils near Water Table
Former Sperry Remington Site - North
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0026	0.0033	0.003	0.0028	0.0016	0.0025	0.0025	0.0022	0.0038	
GW Protection Soil Criteria													3.2
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sampled Date**										
A-Wing	SSHS-B631	14-16	2/16/2017	<0.0091U	<0.0089U	<0.0068U	<0.014U	<0.0082U	<0.0075U	<0.011U	<0.0052U	<0.012U	0
A-Wing	SSHS-B647	14-16	2/16/2017	<0.047U	<0.046U	<0.035U	<0.07U	11J	2.8J	0.53J	<0.027U	<0.064U	14.33
A-Wing	SSHS-B658	14-16	2/16/2017	<0.009U	<0.0088U	<0.0067U	<0.013U	0.017J	0.011J	<0.011U	<0.0052U	<0.012U	0.028
A-Wing	SSHS-B659	14-16	2/16/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.0094J	0.0094J	<0.012U	<0.0054U	<0.013U	0.0188
A-Wing	SSHS-B670	14-16	2/14/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	0.067J	0.03J	<0.012U	<0.0056U	<0.013U	0.097
A-Wing	SSHS-B723	16-18	4/13/2017	<0.096U	<0.093U	<0.071U	<0.14U	11	4.7	1	<0.055U	<0.13U	16.7
A-Wing	SSHS-B723	18-20	4/13/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	0.19	0.06	0.013J	<0.0056U	<0.013U	0.263
A-Wing	SSHS-B792	14-16	5/16/2017	<0.01U	<0.0097U	<0.0074U	<0.015U	0.23	0.093	0.019	<0.0057U	<0.013U	0.342
A-Wing	SSHS-B803	14-16	5/16/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	0.011J	<0.008U	<0.012U	<0.0056U	<0.013U	0.011
A-Wing	SSHS-B804	14-16	5/16/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	2.3	0.93	0.11	<0.0056U	<0.013U	3.34
Football Field SW	SSHS-B621	14-16	2/13/2017	<0.0099U	<0.0096U	<0.0074U	<0.015U	0.029	0.027	<0.012U	<0.0057U	<0.013U	0.056
Football Field SW	SSHS-B644	14-16	2/9/2017	<0.092U	<0.089U	<0.068U	<0.14U	16	6.1	0.74	<0.053U	<0.12U	22.84
Football Field SW	SSHS-B645	14-16	2/13/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.046	0.032	<0.012U	<0.0055U	<0.013U	0.078
Football Field SW	SSHS-B646	14-16	2/13/2017	<0.0095U	<0.0093U	<0.0071U	0.96	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	0.96
Football Field SW	SSHS-B650	14-16	2/14/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	<0.0086U	<0.0079U	<0.012U	<0.0055U	<0.013U	0
Football Field SW	SSHS-B651	14-16	2/14/2017	<0.009U	<0.0088U	<0.0067U	<0.014U	<0.0081U	<0.0075U	<0.011U	<0.0052U	<0.012U	0
Football Field SW	SSHS-B652	14-16	2/14/2017	<0.0092U	<0.0089U	<0.0068U	<0.014U	0.33	0.12	<0.012U	<0.0053U	<0.012U	0.45
Football Field SW	SSHS-B653	14-16	2/14/2017	<0.0093U	<0.0091U	<0.0069U	<0.014U	0.28	0.074	<0.012U	<0.0053U	<0.013U	0.354
Football Field SW	SSHS-B669	14-16	2/13/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.22	0.11	0.015J	<0.0055U	<0.013U	0.345
Main Parking Lot	SSHS-B679	14-16	3/21/2017	<0.01U,F1	<0.0099U	<0.0076U	<0.015U	1.1	0.3	0.056	<0.0058U	<0.014U	1.456
Main Parking Lot	SSHS-B680	14-16	3/20/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	0
Main Parking Lot	SSHS-B681	14-16	3/20/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	<0.0088U	<0.0081U	<0.012U	<0.0056U	<0.013U	0
Main Parking Lot	SSHS-B697	14-16	3/21/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.023	<0.0082U	<0.013U	<0.0057U	<0.013U	0.023
Main Parking Lot	SSHS-B698	14-16	3/20/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	0
Main Parking Lot	SSHS-B699	14-16	3/21/2017	<0.0093U	<0.0091U	<0.007U	<0.014U	0.0091J	<0.0077U	<0.012U	<0.0054U	<0.013U	0.0091
Main Parking Lot	SSHS-B716	14-16	3/20/2017	<0.0095U	<0.0092U	<0.0071U	<0.014U	0.23	0.12	0.019	<0.0054U	<0.013U	0.369
Main Parking Lot	SSHS-B718	14-16	3/21/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	0.0096J	<0.0078U	<0.012U	<0.0054U	<0.013U	0.0096
Main Parking Lot	SSHS-B73	10-15	8/13/2014	<0.0028U	<0.0035U	<0.0032U	<0.003U	0.077	<0.0026U	0.024	<0.0024U	<0.0041U	0.101
Main Parking Lot	SSHS-B74	10-15	8/13/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
Main Parking Lot	SSHS-B78	10-15	8/14/2014	<0.0026U	<0.0033U	<0.003U	<0.0028U	<0.0017U	<0.0025U	<0.0025U	<0.0022U	<0.0038U	<0
Main Parking Lot	SSHS-B79	10-15	8/14/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
Main Parking Lot	SSHS-B799	14-16	5/17/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.033	0.014J	<0.012U	<0.0055U	<0.013U	0.047
Main Parking Lot	SSHS-B80	10-14.5	8/14/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	<0.0017U	<0.0026U	<0.0025U	<0.0023U	<0.0039U	<0
Main Parking Lot	SSHS-B82	10-15	8/13/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
Main Parking Lot	SSHS-B83	10-14.5	8/13/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
Main Parking Lot	SSHS-B85	10-15	8/13/2014	<0.0028U	<0.0037U	<0.0033U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0025U	<0.0042U	<0
Main Parking Lot	SSHS-B86	10-15	8/13/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
Main Parking Lot	SSHS-B87	10-15	8/14/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
Main Parking Lot	SSHS-B88	10-15	8/13/2014	<0.0028U	<0.0036U	<0.0033U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0025U	<0.0042U	<0
Main Parking Lot	SSHS-B89	10-15	8/13/2014	<0.0028U	<0.0036U	<0.0032U	<0.003U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
Main Parking Lot	SSHS-B90	10-15	8/13/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.0039U	<0
Main Parking Lot	SSHS-B91	10-15	8/13/2014	<0.0028U	<0.0036U	<0.0032U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
South of Athletic Stands	SSHS-B624	14-16	2/9/2017	<0.0099U	<0.0096U	<0.0074U	<0.015U	<0.0089U	<0.0082U	<0.012U	<0.0057U	<0.013U	0
South of Athletic Stands	SSHS-B630	14-16	2/14/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.17	0.046	<0.012U	<0.0057U	<0.013U	0.216
South of Athletic Stands	SSHS-B657	14-16	2/10/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.023J	0.022J	<0.012U	<0.0055U	<0.013U	0.045
South of Athletic Stands	SSHS-B667	14-16	2/10/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.71	0.24	0.047	<0.0056U	<0.013U	0.997
South of Athletic Stands	SSHS-B671	14-16	2/10/2017	<0.0094U	<0.0091U	<0.007U	<0.014U	<0.0084U	<0.0077U	<0.012U	<0.0054U	<0.013U	<0
South of Athletic Stands	SSHS-B685	14-16	3/23/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	<0.0087U	<0.008U	<0.012U	<0.0056U	<0.013U	0
South of Athletic Stands	SSHS-B717	14-16	3/23/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	<0.0088U	<0.0081U	<0.012U	<0.0056U	<0.013U	0
South of Athletic Stands	SSHS-B719	14-16	3/22/2017	<0.01U	<0.01U	<0.0076U	<0.015U	1.9	1.7	0.63	<0.0059U	<0.014U	4.23
South of Athletic Stands	SSHS-B730	14-16	4/12/2017	<0.0092U	<0.009U	<0.0069U	<0.014U	<0.0083U	<0.0076U	<0.012U	<0.0053U	<0.012U	0
South of Athletic Stands	SSHS-B800	14-16	5/17/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.16	0.046	<0.012U	<0.0054U	<0.013U	0.206
Tennis Court	SSHS-B75	10-15	8/14/2014	<0.0026U	<0.0033U	<0.003U	<0.0028U	<0.0016U	<0.0025U	<0.0025U	<0.0022U	<0.0038U	<0
Tennis Court	SSHS-B76	10-15	8/14/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
Tennis Court	SSHS-B77	10-15	8/14/2014	<0.0026U	<0.0033U	<0.003U	<0.0028U	<0.0017U	<0.0025U	<0.0025U	<0.0022U	<0.0038U	<0
Tennis Court	SSHS-B819	14-16	5/23/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0084U	<0.0078U	<0.012U	<0.0054U	<0.013U	0
Tennis Court	SSHS-B821	14-16	5/23/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	0

Notes:
J - estimated value
U - non-detect
mg/kg - milligram per kilogram
ft bgs - feet below ground surface
PCBs - polychlorinated biphenyls
Concentrations detected above the protection of groundwater soil cleanup criteria for PCBs 3.2 mg/kg (6 NYCRR Part 375) are presented in grey.
PCB concentrations detected above New York State hazardous waste threshold (6 NYCRR Part 371.4 (e)) are presented in dark grey

Data from Construction Completion Report, Interim Remedial Measure #1 (Geosyntec, 2018a)

Table 4
Summary of PCB Results for Surface and Shallow Subsurface Soils
Former Sperry Remington Site - North Portion

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00067	0.00085	0.00077	0.00073	0.0017	0.0024	0.00064	0.00057	0.00098	
Surface Soil Criteria													1
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Date Sampled**										
A-Wing	SSHS-B15	0-0.25	5/10/2000	<0.043U	<0.043U	<0.043U	<0.043U	0.19	<0.043U	<0.043U	-	-	0.19
A-Wing	SSHS-B15	0.75-1	7/11/2000	<0.038U	<0.038U	<0.038U	<0.038U	0.042	<0.038U	<0.038U	-	-	0.042
A-Wing	SSHS-B15	1-1.5	7/27/2000	<0.037U	<0.037U	<0.037U	<0.037U	0.11	<0.037U	<0.037U	-	-	0.11
A-Wing	SSHS-B15-A	0-0.17	7/22/2014	<0.00067U	<0.00085U	<0.00077U	<0.00073U	0.086J	0.066J	<0.00064U	<0.00057U	<0.00098U	0.152
A-Wing	SSHS-B15-A	0.17-1	7/22/2014	<0.0033U	<0.0042U	<0.0038U	<0.0036U	4.6J	1.9J	<0.0031U	<0.0028U	<0.0048U	6.5
A-Wing	SSHS-B15-A	1-2	7/22/2014	<0.00067U	<0.00086U	<0.00077U	<0.00073U	0.4J	0.15J	<0.00064U	<0.00058U	<0.00098U	0.55
A-Wing	SSHS-B15-B	0-0.17	7/22/2014	<0.0014U	<0.0018U	<0.0016U	<0.0015U	0.62J	0.4J	<0.0013U	<0.0012U	<0.0021U	1.02
A-Wing	SSHS-B15-B	0.17-1	7/22/2014	<0.0066U	<0.0084U	<0.0075U	<0.0072U	4.3J	2J	<0.0063U	<0.0057U	<0.0097U	6.3
A-Wing	SSHS-B15-B	1-2	7/22/2014	<0.0013U	<0.0017U	<0.0015U	<0.0015U	0.088J	0.056J	<0.0013U	<0.0011U	<0.002U	0.144
A-Wing	SSHS-B15-C	0-0.17	7/22/2014	<0.0013U	<0.0017U	<0.0015U	<0.0015U	0.038J	0.032J	<0.0013U	<0.0011U	<0.002U	0.07
A-Wing	SSHS-B15-C	0.17-1	7/22/2014	<0.0066U	<0.0085U	<0.0076U	<0.0072U	4J	1.7J	<0.0063U	<0.0057U	<0.0097U	5.7
A-Wing	SSHS-B15-C	1-2	7/22/2014	<0.0013U	<0.0017U	<0.0015U	<0.0015U	0.81J	0.33J	<0.0013U	<0.0012U	0.029J	1.169
A-Wing	SSHS-B243	0-2	7/30/2015	<0.0041U	<0.005U	<0.0069U	<0.005U	0.36J	0.23J	0.049J	<0.004U	<0.0074U	0.639
A-Wing	SSHS-B246	0-2	7/30/2015	<0.004U	<0.005U	<0.0068U	<0.005U	0.27J	0.19J	0.026J	<0.004U	<0.0073U	0.486
A-Wing	SSHS-B247	0-2	7/20/2015	<0.004U	<0.0048U	<0.0067U	<0.0049U	0.032J	0.018J	0.0057J	<0.0039U	<0.0072U	0.0557
A-Wing	SSHS-B248	0-2	7/20/2015	<0.0041U	<0.005U	<0.0069U	<0.005U	0.74J	0.35J	0.038J	<0.004U	<0.0074U	1.128
A-Wing	SSHS-B249	0-2	7/30/2015	<0.0041U	<0.005U	<0.0069U	<0.005U	0.021J	0.017J	0.0062J	<0.004U	<0.0074U	0.0442
A-Wing	SSHS-B250	0-2	7/30/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.57J	0.47J	0.095J	<0.0039U	<0.0071U	1.135
A-Wing	SSHS-B251	0-2	7/20/2015	<0.0042U	<0.0052U	<0.0071U	<0.0052U	0.77J	0.33J	0.046J	<0.0041U	<0.0076U	1.146
A-Wing	SSHS-B252	0-2	7/20/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.098J	0.051J	0.0051J	<0.0038U	<0.007U	0.1541
A-Wing	SSHS-B253	0-2	7/30/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	0.086J	0.072J	0.025J	<0.0037U	<0.0067U	0.183
A-Wing	SSHS-B254	0-2	7/30/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.33J	0.2J	0.029J	<0.0038U	<0.007U	0.559
A-Wing	SSHS-B255	0-2	7/30/2015	<0.004U	<0.0049U	<0.0068U	<0.005U	0.97J	0.61J	0.087J	<0.0039U	<0.0072U	1.667
A-Wing	SSHS-B256	0-2	7/20/2015	<0.19U	<0.23U	<0.32U	<0.23U	68J	33J	3.5J	<0.19U	<0.34U	104.5
A-Wing	SSHS-B257	0-2	7/30/2015	<0.0042U	<0.0052U	<0.0071U	<0.0052U	0.48J	0.28J	0.041J	<0.0041U	<0.0076U	0.801

Table 4
Summary of PCB Results for Surface and Shallow Subsurface Soils
Former Sperry Remington Site - North Portion

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00067	0.00085	0.00077	0.00073	0.0017	0.0024	0.00064	0.00057	0.00098	
Surface Soil Criteria													1
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Date Sampled**										
A-Wing	SSHS-B338	0-2	3/9/2016	<0.0093U	<0.015U	<0.0051U	<0.0075U	4J	1.5J	0.21J	<0.0038U	<0.0063U	5.71
A-Wing	SSHS-B339	0-2	3/9/2016	<0.0093U,F2	<0.015U	<0.0051U	<0.0075U	0.66J	0.29J	0.058J	<0.0038U	<0.0063U	1.008
A-Wing	SSHS-B464	0-2	8/29/2016	<0.0086U	<0.014U	<0.0047U	<0.007U	0.027J	0.02J	<0.0065U	<0.0035U	<0.0058U	0.07205
A-Wing	SSHS-B466	0-2	8/29/2016	<0.17U,F1	<0.26U	<0.092U	<0.14U	37J	16J	1.1J	<0.068U	<0.11U	54.52
A-Wing	SSHS-B467	0-2	8/29/2016	<4.3U	<6.7U	<2.3U	<3.4U	1600J	630J	49J	<1.7U	<2.9U	2290
A-Wing	SSHS-B477	0-2	8/29/2016	<0.0087U	<0.014U	<0.0048U	<0.007U	0.3J	0.2J	0.029J	<0.0036U	<0.0059U	0.551
A-Wing	SSHS-B479	0-2	8/29/2016	<0.0087U	<0.014U	<0.0048U	<0.007U	1.9J	1J	0.11J	<0.0036U	<0.0059U	3.032
A-Wing	SSHS-B623	0-2	2/16/2017	<0.097U	<0.095U	<0.072U	<0.15U	24J	5.7J	0.98J	<0.056U	<0.13U	30.98
A-Wing	SSHS-B647	0-2	2/16/2017	<0.01U	<0.01U	<0.0077U	<0.015U	0.028J	0.014J	<0.013U	<0.0059U	<0.014U	0.0798
A-Wing	SSHS-B648	0-2	2/15/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	0.25J	0.14J	0.037J	<0.0057U	<0.013U	0.4572
A-Wing	SSHS-B688	0-2	3/21/2017	<0.011U	<0.01U	<0.0079U	<0.016U	0.18	0.034p	0.022	<0.0061U	<0.014U	0.2685
A-Wing	SSHS-B702	0-2	3/21/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	0.41	0.12	0.041	<0.0056U	<0.013U	0.6011
A-Wing	SSHS-B703	0-2	3/23/2017	<0.011U	<0.011U	<0.0083U	<0.017U	0.15	0.058	0.015J	<0.0064U	<0.015U	0.2574
A-Wing	SSHS-B738	0-2	4/13/2017	<0.098U	<0.096U	<0.073U	<0.15U	27	11	1.8	<0.057U	<0.13U	40.1
A-Wing	SSHS-B743	0-2	4/13/2017	<0.011U	<0.011U	<0.0082U	<0.016U	0.54	0.25	0.056	<0.0063U	<0.015U	0.8798
A-Wing	SSHS-B744	0-2	4/13/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.33	0.12	0.025	<0.0057U	<0.013U	0.5054
A-Wing	SSHS-B825	0-2	7/13/2017	<0.095U	<0.093U	<0.071U	<0.14U	8	2.4	0.44	<0.055U	<0.13U	11.13
A-Wing	SSHS-B826	0-2	7/13/2017	<0.096U	<0.093U	<0.071U	<0.14U	7.1	3.1	0.3	<0.055U	<0.13U	10.79
A-Wing	SSHS-SS13	0-0	9/12/2000	<0.039U	<0.039U	<0.039U	<0.039U	0.19	<0.039U	<0.039U	-	-	0.19
Football Field SW	SSHS-B328	0-2	3/3/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	1.9J	0.74J	0.081J	<0.0036U	<0.0059U	2.721
Football Field SW	SSHS-B438	0-2	8/26/2016	<0.084U,F1	<0.13U	<0.046U	<0.068U	5.2J	2.6J	0.38J	<0.034U	<0.057U	8.39
Football Field SW	SSHS-B439	0-2	8/26/2016	<0.41U	<0.65U	<0.23U	<0.33U	88J	42J	4.2J	<0.17U	<0.28U	135.2
Football Field SW	SSHS-B440	0-2	8/26/2016	<0.17UJ	<0.26U	<0.092U	<0.13U	38J	14J	1.9J	<0.068U	<0.11U	54.32
Football Field SW	SSHS-B443	0-2	9/14/2016	<0.0085U,F1	<0.013U	<0.0047U	<0.0069U	3.5J	1.3J	0.21J	<0.0035U	<0.0058U	5.031
Football Field SW	SSHS-B444	0-2	8/26/2016	<0.0081U	<0.013U	<0.0044U	<0.0066U	4.4J	1.8J	0.43J	<0.0033U	<0.0055U	6.65

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				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00067	0.00085	0.00077	0.00073	0.0017	0.0024	0.00064	0.00057	0.00098	
Surface Soil Criteria													1
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Date Sampled**										
Football Field SW	SSHS-B461	0-2	8/31/2016	<0.04U	<0.064U	<0.022U	<0.033U	8J	2.4J	0.5J	<0.016U	<0.027U	11
Football Field SW	SSHS-B462	0-2	8/31/2016	<0.0089U,F1	<0.014U	<0.0048U	<0.0071U	5J	1.5J	0.25J	<0.0036U	<0.006U	6.772
Football Field SW	SSHS-B463	0-2	8/31/2016	<0.0089U	<0.014U	<0.0049U	<0.0072U	4.8J	1.6J	0.3J	<0.0036U	<0.0061U	6.722
Football Field SW	SSHS-B619	0-2	2/14/2017	<0.0096U,F1	<0.0094U	<0.0072U	<0.014U	2.3J	0.89J	0.17J	<0.0055U	<0.013U	3.36
Football Field SW	SSHS-B620	0-2	2/13/2017	<0.011U	<0.01U	<0.0079U	<0.016U	3.7J	1.4J	0.36J	<0.0061U	<0.014U	5.46
Football Field SW	SSHS-B650	0-2	2/14/2017	<0.097U	<0.095U	<0.073U	<0.15U	12J	3.9J	0.62J	<0.056U	<0.13U	16.52
Football Field SW	SSHS-B651	0-2	2/14/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	1.5J	0.54J	0.1J	<0.0055U	<0.013U	2.14
Football Field SW	SSHS-B652	0-2	2/14/2017	<0.094U	<0.092U	<0.07U	<0.14U	20J	4.8J	0.89J	<0.054U	<0.13U	25.69
Football Field SW	SSHS-B8	0-0.25	5/11/2000	<0.041U	<0.041U	<0.041U	<0.041U	0.23	<0.041U	0.054	-	-	0.284
Main Parking Lot	SSHS-B16	1-2	5/10/2000	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	-	-	<0
Main Parking Lot	SSHS-B17	1-3	5/10/2000	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	-	-	<0
Main Parking Lot	SSHS-B267	0-2	7/30/2015	<0.0036U	<0.0044U	<0.0061U	<0.0044U	0.029J	0.032J	0.0091J	<0.0035U	<0.0065U	0.0701
Main Parking Lot	SSHS-B329	0-2	3/3/2016	<0.0079U	<0.012U	<0.0043U	<0.0064U	0.18J	0.059J	0.012J	<0.0032U	<0.0053U	0.251
Main Parking Lot	SSHS-B334	0-2	3/3/2016	<0.008U	<0.013U	<0.0044U	<0.0065U	0.54J	0.2J	0.044J	<0.0033U	<0.0054U	0.784
Main Parking Lot	SSHS-B455	0-2	8/30/2016	<0.0079U	<0.012U	<0.0043U	<0.0064U	<0.004U	<0.0064U	<0.0059U	<0.0032U	<0.0054U	<0.0555
Main Parking Lot	SSHS-B456	0-2	8/30/2016	<0.008U	<0.013U	<0.0044U	<0.0065U	<0.0041U	<0.0065U	<0.006U	<0.0033U	<0.0054U	<0.0572
Main Parking Lot	SSHS-B457	0-2	8/30/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	0.022J	0.016J	<0.0062U	<0.0034U	<0.0056U	0.06175
Main Parking Lot	SSHS-B473	0-2	8/30/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.3J	0.11J	0.014J	<0.0034U	<0.0057U	0.445
Main Parking Lot	SSHS-B632C	0-2	7/13/2017	<0.01U	<0.0097U	<0.0075U	<0.015U	0.016J	<0.0083U	<0.013U	<0.0057U	<0.013U	0.0571
Main Parking Lot	SSHS-B634	0-2	2/10/2017	<0.0092U	<0.0089U	<0.0068U	<0.014U	0.019J	0.0077J	<0.012U	<0.0053U	<0.012U	0.0267
Main Parking Lot	SSHS-B636	0-2	2/13/2017	<0.009U	<0.0088U	<0.0067U	<0.013U	0.024J	0.014J	<0.011U	<0.0052U	<0.012U	0.038
Main Parking Lot	SSHS-B637	0-2	2/13/2017	<0.009U	<0.0088U	<0.0067U	<0.014U	<0.0081U	<0.0075U	<0.011U	<0.0052U	<0.012U	<0
Main Parking Lot	SSHS-B638	0-2	2/16/2017	<0.0091U	<0.0089U	<0.0068U	<0.014U	0.027J	0.017J	<0.011U	<0.0052U	<0.012U	0.0775
Main Parking Lot	SSHS-B639	0-2	2/13/2017	<0.0093U	<0.0091U	<0.007U	<0.014U	0.084J	0.042J	0.012J	<0.0054U	<0.013U	0.138
Main Parking Lot	SSHS-B640	0-2	2/13/2017	<0.0094U	<0.0091U	<0.007U	<0.014U	0.019J	0.0099J	<0.012U	<0.0054U	<0.013U	0.0289

Table 4
Summary of PCB Results for Surface and Shallow Subsurface Soils
Former Sperry Remington Site - North Portion

	Polychlorinated Biphenyls									
	Arochlor 1016	**Arochlor 1221**	**Arochlor 1232**	**Arochlor 1242**	**Arochlor 1248**	**Arochlor 1254**	**Arochlor 1260**	**Arochlor 1268**	**Arochlor 1262**	**Total PCBs**
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.00067	0.00085	0.00077	0.00073	0.0017	0.0024	0.00064	0.00057	0.00098	
Surface Soil Criteria										1
NYS Hazardous Material										50

Investigation Area	Location	Depth Range (ft bgs)	Date Sampled									
Main Parking Lot	SSHS-B641	0-2	2/13/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.033J	0.025J	<0.012U	<0.0055U	<0.013U	0.058
Main Parking Lot	SSHS-B642	0-2	2/13/2017	<0.009U	<0.0088U	<0.0067U	<0.014U	<0.0081U	<0.0074U	<0.011U	<0.0052U	<0.012U	<0
Main Parking Lot	SSHS-B643	0-2	2/16/2017	<0.0091U	<0.0089U	<0.0068U	<0.014U	0.015J	0.015J	<0.011U	<0.0052U	<0.012U	0.0635
Main Parking Lot	SSHS-B679B	0-2	7/13/2017	<0.0093U	<0.0091U	<0.007U	<0.014U	0.18	0.091	0.016J	<0.0054U	<0.013U	0.3159
Main Parking Lot	SSHS-B73	0.17-2	8/13/2014	<0.0028U	<0.0036U	<0.0032U	<0.003U	0.042	<0.0027U	<0.0027U	<0.0024U	<0.0041U	0.042
Main Parking Lot	SSHS-B74	0-0.17	8/13/2014	<0.0032U	<0.0041U	<0.0037U	<0.0035U	<0.002U	<0.0031U	<0.0031U	<0.0028U	<0.0047U	<0
Main Parking Lot	SSHS-B74	0.17-2	8/13/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	0.033	<0.0026U	<0.016J	<0.0024U	<0.004U	0.033
Main Parking Lot	SSHS-B78	0.17-2	8/14/2014	<0.0028U	<0.0036U	<0.0032U	<0.0031U	0.63	<0.0027U	0.13	<0.0024U	<0.0041U	0.76
Main Parking Lot	SSHS-B79	0.17-2	8/14/2014	<0.0028U	<0.0036U	<0.0032U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
Main Parking Lot	SSHS-B80	0.17-2	8/14/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.0039U	<0
Main Parking Lot	SSHS-B81	0.17-2	8/14/2014	<0.0027U	<0.0035U	<0.0032U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
Main Parking Lot	SSHS-B82	0.17-2	8/13/2014	<0.0028U	<0.0036U	<0.0032U	<0.003U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
Main Parking Lot	SSHS-B827	0-2	7/13/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	<0.0087U	<0.008U	<0.012U	<0.0056U	<0.013U	<0.0887
Main Parking Lot	SSHS-B83	0.17-2	8/14/2014	<0.0027U	<0.0035U	<0.0032U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
Main Parking Lot	SSHS-B84	0.17-2	8/14/2014	<0.0027U	<0.0035U	<0.0032U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
Main Parking Lot	SSHS-B85	0.17-2	8/13/2014	<0.0028U	<0.0036U	<0.0032U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
Main Parking Lot	SSHS-B86	0.17-2	8/13/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
Main Parking Lot	SSHS-B87	0.17-2	8/14/2014	<0.0027U	<0.0035U	<0.0032U	<0.003U	0.15	<0.0026U	0.035	<0.0024U	<0.004U	0.185
Main Parking Lot	SSHS-B88	0.17-2	8/13/2014	<0.0028U	<0.0036U	<0.0032U	<0.003U	0.049	<0.0027U	0.036	<0.0024U	<0.0041U	0.085
Main Parking Lot	SSHS-B89	0.17-2	8/13/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	0.019	<0.0025U	<0.0073J	<0.0023U	<0.0039U	0.019
Main Parking Lot	SSHS-B90	0.17-2	8/13/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	0.067	<0.0026U	0.059p	<0.0024U	<0.004U	0.126
Main Parking Lot	SSHS-B91	0-0.17	8/13/2014	<0.0033U	<0.0042U	<0.0038U	<0.0036U	<0.0021U	<0.0031U	<0.0031U	<0.0028U	<0.0048U	<0
Main Parking Lot	SSHS-B91	0.17-2	8/13/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.0039U	<0
South of Athletic Stands	SSHS-B259	0-2	7/29/2015	<0.0037U	<0.0045U	<0.0063U	<0.0046U	0.7J	0.15J	0.091J	<0.0036U	<0.0067U	0.941
South of Athletic Stands	SSHS-B260	0-2	7/29/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	1.2J	0.8J	0.098J	<0.0037U	<0.0067U	2.098

Table 4
Summary of PCB Results for Surface and Shallow Subsurface Soils
Former Sperry Remington Site - North Portion

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00067	0.00085	0.00077	0.00073	0.0017	0.0024	0.00064	0.00057	0.00098	
Surface Soil Criteria													1
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Date Sampled**										
South of Athletic Stands	SSHS-B261	0-2	7/17/2015	<0.004U	<0.0049U	<0.0067U	<0.0049U	1.4J	0.79J	0.12J	<0.0039U	<0.0072U	2.31
South of Athletic Stands	SSHS-B262	0-2	7/29/2015	<0.0037U	<0.0045U	<0.0063U	<0.0046U	1.5J	0.83J	0.11J	<0.0036U	<0.0067U	2.44
South of Athletic Stands	SSHS-B264	0-2	7/17/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	2.1J	1.4J	0.32J	<0.0037U	<0.0068U	3.82
South of Athletic Stands	SSHS-B265	0-2	7/17/2015	<0.019U	<0.023U	<0.032U	<0.023U	7.2J	3.3J	0.51J	<0.019U	<0.034U	11.01
South of Athletic Stands	SSHS-B266	0-2	7/17/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	1.9J	1.2J	0.25J	<0.0037U	<0.0067U	3.35
South of Athletic Stands	SSHS-B268	0-2	7/29/2015	<0.038U	<0.046U	<0.064U	<0.047U	6.4J	0.86J	0.38J	<0.037U	<0.068U	7.64
South of Athletic Stands	SSHS-B269	0-2	7/17/2015	<0.038U	<0.047U	<0.065U	<0.048U	25J	11J	1.4J	<0.038U	<0.07U	37.4
South of Athletic Stands	SSHS-B270	0-2	7/17/2015	<0.004U	<0.0049U	<0.0068U	<0.0049U	1.9J	0.96J	0.18J	<0.0039U	<0.0072U	3.04
South of Athletic Stands	SSHS-B271	0-2	7/17/2015	<0.0041U	<0.0051U	<0.007U	<0.0051U	3J	1.7J	0.32J	<0.0041U	<0.0075U	5.02
South of Athletic Stands	SSHS-B273	0-2	7/29/2015	<0.0037U	<0.0045U	<0.0063U	<0.0046U	1.1J	1J	0.21J	<0.0037U	<0.0067U	2.31
South of Athletic Stands	SSHS-B274	0-2	7/29/2015	<0.0037U	<0.0045U	<0.0062U	<0.0046U	3.3J	2.2J	0.24J	<0.0036U	<0.0067U	5.74
South of Athletic Stands	SSHS-B275	0-2	7/17/2015	<0.004U	<0.0049U	<0.0068U	<0.005U	1.8J	1J	0.19J	<0.004U	<0.0073U	2.99
South of Athletic Stands	SSHS-B276	0-2	7/29/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	3.5J	0.33J	0.23J	<0.0037U	<0.0067U	4.06
South of Athletic Stands	SSHS-B277	0-2	7/29/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	2.3J	0.72J	0.15J	<0.0037U	<0.0067U	3.17
South of Athletic Stands	SSHS-B278	0-2	7/16/2015	<0.004U	<0.0049U	<0.0068U	<0.005U	0.69J	0.36J	0.06J	<0.0039U	<0.0072U	1.11
South of Athletic Stands	SSHS-B279	0-2	7/29/2015	<0.0037U	<0.0045U	<0.0062U	<0.0045U	1.7J	0.52J	0.15J	<0.0036U	<0.0066U	2.37
South of Athletic Stands	SSHS-B280	0-2	7/16/2015	<0.004U	<0.0049U	<0.0067U	<0.0049U	1.1J	0.69J	0.07J	<0.0039U	<0.0072U	1.86
South of Athletic Stands	SSHS-B281	0-2	7/17/2015	<0.019U	<0.023U	<0.032U	<0.023U	5.9J	3.1J	0.29J	<0.019U	<0.034U	9.29
South of Athletic Stands	SSHS-B282	0-2	7/29/2015	<0.0037U	<0.0045U	<0.0062U	<0.0045U	1.5J	0.68J	0.15J	<0.0036U	<0.0066U	2.33
South of Athletic Stands	SSHS-B283	0-2	7/16/2015	<0.077U	<0.095U	<0.13U	<0.096U	12J	5.4J	<0.083U	<0.076U	<0.14U	17.4
South of Athletic Stands	SSHS-B284	0-2	7/29/2015	<0.037U	<0.045U	<0.062U	<0.045U	9.4J	2.8J	0.54J	<0.036U	<0.066U	12.74
South of Athletic Stands	SSHS-B327	0-2	3/3/2016	<0.0087U	<0.014U	<0.0048U	<0.0071U	0.99J	0.78J	0.18J	<0.0036U	<0.0059U	1.95
South of Athletic Stands	SSHS-B331	0-2	3/3/2016	<0.0091U	<0.014U	<0.005U	<0.0074U	0.91J	0.48J	0.099J	<0.0037U	<0.0062U	1.489
South of Athletic Stands	SSHS-B332	0-2	3/3/2016	<0.009U	<0.014U	<0.0049U	<0.0072U	0.4J	0.18J	0.046J	<0.0037U	<0.0061U	0.626
South of Athletic Stands	SSHS-B333	0-2	3/3/2016	<0.0093U	<0.015U	<0.0051U	<0.0075U	1.3J	0.75J	0.17J	<0.0038U	<0.0063U	2.22

Table 4
Summary of PCB Results for Surface and Shallow Subsurface Soils
Former Sperry Remington Site - North Portion

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00067	0.00085	0.00077	0.00073	0.0017	0.0024	0.00064	0.00057	0.00098	
Surface Soil Criteria													1
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Date Sampled**										
South of Athletic Stands	SSHS-B335	0-2	3/3/2016	<0.0094U	<0.015U	<0.0051U	<0.0076U	2.3J	1J	0.23J	<0.0038U	<0.0064U	3.53
South of Athletic Stands	SSHS-B336	0-2	3/3/2016	<0.0096U	<0.015U	<0.0053U	<0.0078U	6.1J	3.7J	0.72J	<0.0039U	<0.0065U	10.52
South of Athletic Stands	SSHS-B344	0-2	3/3/2016	<0.0084U	<0.013U	<0.0046U	<0.0067U	2.6J	1.4J	0.36J	<0.0034U	<0.0057U	4.36
South of Athletic Stands	SSHS-B453	0-2	8/24/2016	<0.0086U	<0.014U	<0.0047U	<0.007U	1.6J	1J	0.14J	<0.0035U	<0.0058U	2.762
South of Athletic Stands	SSHS-B454	0-2	8/24/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	2.4J	1J	0.23J	<0.0034U	<0.0056U	3.651
South of Athletic Stands	SSHS-B458	0-2	8/24/2016	<0.0083U	<0.013U	<0.0046U	<0.0067U	1.6J	0.92J	0.12J	<0.0034U	<0.0057U	2.661
South of Athletic Stands	SSHS-B460	0-2	8/31/2016	<0.041U	<0.065U	<0.023U	<0.033U	10J	3.1J	0.71J	<0.017U	<0.028U	13.91
South of Athletic Stands	SSHS-B481	0-0.17	8/24/2016	<0.0091U	<0.014U	<0.005U	<0.0073U	0.4J	0.16J	0.043J	<0.0037U	<0.0061U	0.6256
South of Athletic Stands	SSHS-B624	0-0.17	2/10/2017	<0.012U	<0.012U	<0.009U	<0.018U	1.2J	0.9J	0.15J	<0.0069U	<0.016U	2.25
South of Athletic Stands	SSHS-B624	0.17-2	2/9/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	3.4J	1.5J	0.35J	<0.0058U	<0.014U	5.281
South of Athletic Stands	SSHS-B685B	0-2	7/13/2017	<0.098U	<0.095U	<0.073U	<0.15U	11	3.9	0.78	<0.056U	<0.13U	15.98
South of Athletic Stands	SSHS-B70	0-0.17	8/14/2014	<0.0032U	<0.0041U	<0.0037U	<0.0035U	0.74	<0.003U	0.083	<0.0027U	<0.0047U	0.823
South of Athletic Stands	SSHS-B70	0.17-2	8/14/2014	<0.0028U	<0.0036U	<0.0032U	<0.003U	1.4	<0.0027U	0.1	<0.0024U	<0.0041U	1.5
South of Athletic Stands	SSHS-SS12	0-0	9/12/2000	<0.04U	<0.04U	<0.04U	<0.04U	2.8D	<0.04U	0.24	-	-	3.04
South of Athletic Stands	SSHS-SS12-A	0-0.17	7/22/2014	<0.00074U	<0.00095U	<0.00086U	<0.00081U	0.37J	0.21J	<0.00071U	<0.00064U	<0.0011U	0.58
South of Athletic Stands	SSHS-SS12-A	0.17-1	7/22/2014	<0.00068U	<0.00087U	<0.00078U	<0.00074U	0.93J	0.45J	<0.00065U	<0.00059U	<0.001U	1.38
South of Athletic Stands	SSHS-SS12-A	1-2	7/22/2014	<0.013U	<0.017U	<0.015U	<0.014U	23J	9.1J	<0.013U	<0.011U	<0.019U	32.1
South of Athletic Stands	SSHS-SS12-B	0-0.17	7/22/2014	<0.0036U	<0.0046U	<0.0041U	<0.0039U	2.1J	2.2J	<0.0034U	<0.0031U	<0.0052U	4.3
South of Athletic Stands	SSHS-SS12-B	0.17-1	7/22/2014	<0.0034U	<0.0044U	<0.0039U	<0.0037U	1.5J	1.1J	<0.0032U	<0.0029U	<0.005U	2.6
South of Athletic Stands	SSHS-SS12-B	1-2	7/22/2014	<0.0067U	<0.0086U	<0.0077U	<0.0073U	5.7J	3.6J	<0.0064U	<0.0058U	<0.0098U	9.3
South of Athletic Stands	SSHS-SS12-C	0-0.17	7/22/2014	<0.00074U	<0.00094U	<0.00085U	<0.00081U	0.3J	0.26J	<0.0007U	<0.00064U	<0.0011U	0.56
South of Athletic Stands	SSHS-SS12-C	0.17-1	7/22/2014	<0.0034U	<0.0043U	<0.0039U	<0.0037U	1.6J	0.88J	<0.0032U	<0.0029U	<0.0049U	2.48
South of Athletic Stands	SSHS-SS12-C	1-2	7/22/2014	<0.0066U	<0.0084U	<0.0076U	<0.0072U	9.9J	4.5J	<0.0063U	<0.0057U	<0.0097U	14.4
Tennis Court	SSHS-B14	0-0.25	5/10/2000	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	-	-	<0
Tennis Court	SSHS-B285	0-2	7/14/2015	<0.0038U	<0.0046U	<0.0064U	<0.0047U	0.51J	0.29J	0.077J	<0.0037U	<0.0069U	0.877

Table 4
Summary of PCB Results for Surface and Shallow Subsurface Soils
Former Sperry Remington Site - North Portion

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00067	0.00085	0.00077	0.00073	0.0017	0.0024	0.00064	0.00057	0.00098	
Surface Soil Criteria													1
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Date Sampled**										
Tennis Court	SSHS-B286	0-2	7/14/2015	<0.0038U	<0.0047U	<0.0065U	<0.0047U	1.7J	0.7J	0.19J	<0.0038U	<0.0069U	2.59
Tennis Court	SSHS-B287	0-2	7/14/2015	<0.0038U	<0.0047U	<0.0065U	<0.0048U	2.3J	0.84J	0.24J	<0.0038U	<0.007U	3.38
Tennis Court	SSHS-B288	0-2	7/24/2015	<0.0036U	<0.0045U	<0.0062U	<0.0045U	1J	0.63J	0.18J	<0.0036U	<0.0066U	1.81
Tennis Court	SSHS-B289	0-2	7/24/2015	<0.0037U	<0.0045U	<0.0062U	<0.0045U	1J	0.68J	0.2J	<0.0036U	<0.0066U	1.88
Tennis Court	SSHS-B290	0-2	7/24/2015	<0.0038U	<0.0046U	<0.0064U	<0.0047U	1.1J	0.79J	0.26J	<0.0037U	<0.0068U	2.15
Tennis Court	SSHS-B306	0-2	3/1/2016	<0.0085U	<0.013U	<0.0047U	<0.0069U	1.4J	0.8J	0.3J	<0.0035U	<0.0058U	2.5
Tennis Court	SSHS-B307	0-2	3/1/2016	<0.0092U	<0.015U	<0.0051U	<0.0074U	2.4J	1.5J	0.56J	<0.0038U	<0.0063U	4.46
Tennis Court	SSHS-B36	0-0	9/12/2000	<0.037U	<0.037U	<0.037U	<0.037U	0.079	<0.037U	<0.037U	-	-	0.079
Tennis Court	SSHS-B36	0.5-2.5	9/12/2000	<0.035U	<0.035U	<0.035U	<0.035U	0.28D	<0.035U	0.1	-	-	0.38
Tennis Court	SSHS-B37	0-0	9/12/2000	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	-	-	<0
Tennis Court	SSHS-B37	0.5-2.5	9/12/2000	<0.034U	<0.034U	<0.034U	<0.034U	<0.034U	<0.034U	<0.034U	-	-	<0
Tennis Court	SSHS-B38	0-0	9/12/2000	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	-	-	<0
Tennis Court	SSHS-B38	1-4.5	9/12/2000	<0.037U	<0.037U	<0.037U	<0.037U	0.74D	<0.037U	0.13	-	-	0.87
Tennis Court	SSHS-B397	0-2	8/25/2016	<0.0086U	<0.014U	<0.0047U	<0.0069U	0.49J	0.43J	0.16J	<0.0035U	<0.0058U	1.102
Tennis Court	SSHS-B398	0-2	8/25/2016	<0.0089U	<0.014U	<0.0049U	<0.0072U	0.47J	0.32J	0.13J	<0.0036U	<0.006U	0.9423
Tennis Court	SSHS-B399	0-2	8/25/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.21J	0.15J	0.055J	<0.0034U	<0.0057U	0.436
Tennis Court	SSHS-B400	0-2	8/25/2016	<0.0085U	<0.013U	<0.0047U	<0.0069U	0.28J	0.21J	0.09J	<0.0035U	<0.0058U	0.6012
Tennis Court	SSHS-B401	0-2	8/25/2016	<0.0084U	<0.013U	<0.0046U	<0.0067U	0.21J	0.18J	0.076J	<0.0034U	<0.0057U	0.4869
Tennis Court	SSHS-B402	0-2	8/30/2016	<0.0085U	<0.013U	<0.0046U	<0.0068U	0.059J	0.082J	0.027J	<0.0035U	<0.0057U	0.1891
Tennis Court	SSHS-B403	0-2	8/30/2016	<0.0085U	<0.013U	<0.0046U	<0.0068U	0.54J	0.37J	0.1J	<0.0035U	<0.0058U	1.031
Tennis Court	SSHS-B577	0-0.17	2/10/2017	<0.013U	<0.012U	<0.0094U	<0.019U	<0.011J	<0.01J	0.017J	<0.0072U	<0.017U	0.017
Tennis Court	SSHS-B577	0.17-2	2/10/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	2.3J	0.96J	0.6J	<0.0058U	<0.014U	3.86
Tennis Court	SSHS-B578	0-2	2/15/2017	<0.0097U	<0.0094U	<0.0072U	<0.014U	0.68J	0.67J	0.27J	<0.0055U	<0.013U	1.649
Tennis Court	SSHS-B579	0-2	2/15/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	1.1J	0.87J	0.25J	<0.0056U	<0.013U	2.25
Tennis Court	SSHS-B586	0-0.17	2/10/2017	<0.012U	<0.012U	<0.0089U	<0.018U	<0.011J	<0.0098J	<0.015J	<0.0068U	<0.016U	<0

Table 4
Summary of PCB Results for Surface and Shallow Subsurface Soils
Former Sperry Remington Site - North Portion

	Polychlorinated Biphenyls									
	Arochlor 1016	**Arochlor 1221**	**Arochlor 1232**	**Arochlor 1242**	**Arochlor 1248**	**Arochlor 1254**	**Arochlor 1260**	**Arochlor 1268**	**Arochlor 1262**	**Total PCBs**
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.00067	0.00085	0.00077	0.00073	0.0017	0.0024	0.00064	0.00057	0.00098	
Surface Soil Criteria										1
NYS Hazardous Material										50

Investigation Area	Location	Depth Range (ft bgs)	Date Sampled									
Tennis Court	SSHS-B586	0.17-2	2/10/2017	<0.0097U,F1	<0.0095U	<0.0073U	<0.015U	0.84	0.37	0.15	<0.0056U	<0.013U	1.36
Tennis Court	SSHS-B587	0-2	2/15/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	0.063J	0.041J	<0.012U	<0.0054U	<0.013U	0.139
Tennis Court	SSHS-B588	0-0.17	2/15/2017	<0.012U	<0.011U	<0.0088U	<0.018U	<0.011U	0.018J	<0.015U	<0.0067U	<0.016U	0.06725
Tennis Court	SSHS-B588	0.17-2	2/15/2017	<0.011U	<0.01U	<0.0079U	<0.016U	<0.0095U	0.054J	0.035J	<0.0061U	<0.014U	0.1263
Tennis Court	SSHS-B589	0-0.17	2/15/2017	<0.012U	<0.012U	<0.009U	<0.018U	<0.011U	<0.01U	<0.015U	<0.0069U	<0.016U	<0.1099
Tennis Court	SSHS-B589	0.17-2	2/15/2017	<0.01U	<0.01U	<0.0076U	<0.015U	0.012J	0.011J	<0.013U	<0.0059U	<0.014U	0.06075
Tennis Court	SSHS-B590	0-2	2/15/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.15J	0.11J	0.032J	<0.0055U	<0.013U	0.3213
Tennis Court	SSHS-B591	0-2	2/15/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	<0.0086U	0.018	<0.012U	<0.0055U	<0.013U	0.05765
Tennis Court	SSHS-B592	0-2	2/15/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.19J	0.2J	0.14J	<0.0055U	<0.013U	0.5593
Tennis Court	SSHS-B593	0-2	2/15/2017	<0.0092U	<0.009U	<0.0069U	<0.014U	0.045J	0.12J	0.058J	<0.0053U	<0.012U	0.2512
Tennis Court	SSHS-B594	0-2	2/15/2017	<0.011U	<0.01U	<0.0079U	<0.016U	1J	0.58J	0.16J	<0.0061U	<0.014U	1.773
Tennis Court	SSHS-B595	0-0.17	2/10/2017	<0.012U	<0.012U	<0.009U	<0.018U	<0.011J	<0.01J	<0.015U	<0.0069U	<0.016U	<0
Tennis Court	SSHS-B595	0.17-2	2/10/2017	<0.0095U	<0.0092U	<0.0071U	<0.014U	0.037J	0.026J	<0.012U	<0.0054U	<0.013U	0.063
Tennis Court	SSHS-B596	0-0.17	2/10/2017	<0.012U	<0.011U	<0.0086U	<0.017U	0.012J	0.012J	<0.015J	<0.0066U	<0.016U	0.024
Tennis Court	SSHS-B596	0.17-2	2/10/2017	<0.011U	<0.011U	<0.008U	<0.016U	0.2J	0.093J	0.034J	<0.0062U	<0.015U	0.327
Tennis Court	SSHS-B664	0-2	2/15/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	2.3J	1.1J	0.36J	<0.0056U	<0.013U	3.79
Tennis Court	SSHS-B674	0-2	3/21/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.69	0.25	0.11	<0.0057U	<0.013U	1.08
Tennis Court	SSHS-B675	0-2	3/21/2017	<0.0094U	<0.0091U	<0.007U	<0.014U	0.071	0.041	0.025	<0.0054U	<0.013U	0.166
Tennis Court	SSHS-B676	0-2	3/21/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	0.1	0.043	0.025	<0.0056U	<0.013U	0.1982
Tennis Court	SSHS-B677	0-2	3/21/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	1.5	0.47	0.2	<0.0057U	<0.013U	2.2
Tennis Court	SSHS-B678	0-2	3/21/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.38	0.11	0.061	<0.0056U	<0.013U	0.5811
Tennis Court	SSHS-B71	0.17-2	8/15/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
Tennis Court	SSHS-B72	0-0.17	8/15/2014	<0.003U	<0.0038U	<0.0034U	<0.0032U	<0.0019U	<0.0028U	<0.0028U	<0.0025U	<0.0043U	<0
Tennis Court	SSHS-B72	0.17-2	8/15/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	0.07	<0.0025U	<0.0075J	<0.0023U	<0.0038U	0.07
Tennis Court	SSHS-B745	0-2	5/22/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.28	0.11	0.031	<0.0057U	<0.013U	0.4514

Table 4
Summary of PCB Results for Surface and Shallow Subsurface Soils
Former Sperry Remington Site - North Portion

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00067	0.00085	0.00077	0.00073	0.0017	0.0024	0.00064	0.00057	0.00098	
Surface Soil Criteria													1
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Date Sampled**										
Tennis Court	SSHS-B746	0-2	5/22/2017	<0.0091U	<0.0089U	<0.0068U	<0.014U	0.25	0.12	0.032	<0.0052U	<0.012U	0.43
Tennis Court	SSHS-B747	0-2	5/22/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	0.71	0.36	0.092	<0.0054U	<0.013U	1.191
Tennis Court	SSHS-B748	0-2	5/22/2017	<0.0094U	<0.0091U	<0.007U	<0.014U	0.76	0.45	0.12	<0.0054U	<0.013U	1.359
Tennis Court	SSHS-B749	0-2	5/22/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.37	0.39	0.13	<0.0055U	<0.013U	0.9194
Tennis Court	SSHS-B75	0-0.17	8/14/2014	<0.0032U	<0.0041U	<0.0036U	<0.0035U	<0.002U	<0.003U	<0.003U	<0.0027U	<0.0047U	<0
Tennis Court	SSHS-B75	0.17-2	8/14/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	3.7	<0.0026U	0.37	<0.0024U	<0.004U	4.07
Tennis Court	SSHS-B750	0-2	5/22/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	0.81	0.48	0.15	<0.0054U	<0.013U	1.469
Tennis Court	SSHS-B751	0-2	5/22/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	2.1	1	0.25	<0.0055U	<0.013U	3.379
Tennis Court	SSHS-B752	0-2	5/22/2017	<0.0092U	<0.009U	<0.0068U	<0.014U	0.57	0.34	0.1	<0.0053U	<0.012U	1.038
Tennis Court	SSHS-B758	0-2	5/22/2017	<0.0092U	<0.009U	<0.0069U	<0.014U	0.81	0.35	0.11	<0.0053U	<0.012U	1.298
Tennis Court	SSHS-B759	0-2	5/22/2017	<0.0091U	<0.0089U	<0.0068U	<0.014U	0.23	0.17	0.052	<0.0052U	<0.012U	0.48
Tennis Court	SSHS-B76	0-0.17	8/14/2014	<0.003U	<0.0038U	<0.0034U	<0.0033U	0.3	<0.0029U	0.052	<0.0026U	<0.0044U	0.352
Tennis Court	SSHS-B76	0.17-2	8/14/2014	<0.0028U	<0.0036U	<0.0032U	<0.003U	0.47	<0.0026U	0.06	<0.0024U	<0.0041U	0.53
Tennis Court	SSHS-B765	0-2	5/22/2017	<0.0092U	<0.009U	<0.0069U	<0.014U	1.3	0.46	0.13	<0.0053U	<0.012U	1.918
Tennis Court	SSHS-B766	0-2	5/22/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	0.2	0.16	0.055	<0.0054U	<0.013U	0.444
Tennis Court	SSHS-B767	0-2	5/22/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.39	0.24	0.055	<0.0055U	<0.013U	0.7142
Tennis Court	SSHS-B768	0-2	5/22/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	0.72	0.33	0.09	<0.0056U	<0.013U	1.17
Tennis Court	SSHS-B769	0-2	5/22/2017	<0.0094U	<0.0091U	<0.007U	<0.014U	0.53	0.26	0.073	<0.0054U	<0.013U	0.892
Tennis Court	SSHS-B77	0-0.17	8/14/2014	<0.003U	<0.0039U	<0.0035U	<0.0033U	<0.0019U	<0.0029U	<0.0029U	<0.0026U	<0.0045U	<0
Tennis Court	SSHS-B77	0.17-2	8/14/2014	<0.0026U	<0.0033U	<0.0029U	<0.0028U	0.089	<0.0024U	0.073	<0.0022U	<0.0038U	0.162
Tennis Court	SSHS-B770	0-2	5/22/2017	<0.0099U	<0.0096U	<0.0074U	<0.015U	0.15	0.12	0.037	<0.0057U	<0.013U	0.3373
Tennis Court	SSHS-B771	0-2	5/22/2017	<0.0093U	<0.0091U	<0.0069U	<0.014U	<0.0084U	0.35	0.054	<0.0053U	<0.013U	0.437
Tennis Court	SSHS-B772	0-2	5/22/2017	<0.0091U	<0.0088U	<0.0068U	<0.014U	0.76	0.38	0.14	<0.0052U	<0.012U	1.308
Tennis Court	SSHS-B773	0-2	5/22/2017	<0.0093U	<0.0091U	<0.0069U	<0.014U	0.61	0.42	0.18	<0.0053U	<0.013U	1.239
Tennis Court	SSHS-B774	0-2	5/22/2017	<0.0092U	<0.009U	<0.0069U	<0.014U	0.16	0.15	0.049	<0.0053U	<0.012U	0.3872

Table 4
Summary of PCB Results for Surface and Shallow Subsurface Soils
Former Sperry Remington Site - North Portion

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00067	0.00085	0.00077	0.00073	0.0017	0.0024	0.00064	0.00057	0.00098	
Surface Soil Criteria													1
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Date Sampled**										
Tennis Court	SSHS-B777	0-2	5/23/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.17	0.097	0.034	<0.0055U	<0.013U	0.3302
Tennis Court	SSHS-B778	0-2	5/22/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	5.4	2.3	0.74	<0.0054U	<0.013U	8.469
Tennis Court	SSHS-B779	0-2	5/22/2017	<0.0092U	<0.009U	<0.0069U	<0.014U	0.3	0.17	0.047	<0.0053U	<0.012U	0.5452
Tennis Court	SSHS-B780	0-2	5/22/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	0.15	0.073	0.023	<0.0056U	<0.013U	0.2761
Tennis Court	SSHS-B819	0-2	5/23/2017	<0.0099U	<0.0096U	<0.0074U	<0.015U	<0.0089U	<0.0082U	<0.012U	<0.0057U	<0.013U	<0.0897
Tennis Court	SSHS-B821	0-2	5/23/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	<0.0863
Tennis Court	SSHS-B822	0-2	6/19/2017	<0.01U	<0.0097U	<0.0074U	<0.015U	<0.009U	<0.0082U	<0.013U	<0.0057U	<0.013U	<0.091

Notes:
J - estimated value
U - non-detect
mg/kg - milligram per kilogram
ft bgs - feet below ground surface
PCBs - polychlorinated biphenyls
Concentrations detected above the soil criteria for PCBs (0-2 ft bgs) of 1 mg/kg (NYSDEC CP-51) are presented in grey.
PCB concentrations detected above New York State hazardous waste threshold (6 NYCRR Part 371.4 (e)) are presented in dark grey

TABLE 5
Summary of PCB Results for Subsurface Soils
Former Sperry Remington Site - North Portion

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.0002	0.0002	0.00013	0.00006	0.00014	
Subsurface Soil Criteria													10
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Date Sampled**										
A-Wing	SSHS-B15	4-5	5/10/2000	<0.039U	<0.039U	<0.039U	<0.039U	74D	<0.039U	6.1	-	-	**80.1**
A-Wing	SSHS-B15A	4-6	7/11/2017	<0.0097U	<0.0094U	<0.0072U	<0.014U	0.29	0.17	0.022	<0.0055U	<0.013U	0.5114
A-Wing	SSHS-B15A	6-8	7/11/2017	<0.0097U	<0.0094U	<0.0072U	<0.014U	<0.0087U	<0.008U	<0.012U	<0.0055U	<0.013U	<0.0875
A-Wing	SSHS-B15-A	2-3	7/22/2014	<0.0013U	<0.0017U	<0.0015U	<0.0015U	0.13J	0.063J	<0.0013U	<0.0012U	0.012J	0.205
A-Wing	SSHS-B15-AA	4-6	7/20/2015	<0.078U	<0.096U	<0.13U	<0.097U	26J	16J	2.3J	<0.077U	<0.14U	44.3
A-Wing	SSHS-B15-AA	6-8	7/20/2015	<0.0038U	<0.0046U	<0.0064U	<0.0047U	0.061J	0.027J	0.0061J	<0.0037U	<0.0068U	0.0941
A-Wing	SSHS-B15-B	2-3	7/22/2014	<0.0014U	<0.0017U	<0.0016U	<0.0015U	0.2J	0.11J	<0.0013U	<0.0012U	<0.002U	0.31
A-Wing	SSHS-B15-C	2-3	7/22/2014	<0.027U	<0.035U	<0.032U	<0.03U	15J	7J	<0.026U	<0.024U	<0.04U	22
A-Wing	SSHS-B243	2-4	7/30/2015	<0.0038U	<0.0047U	<0.0065U	<0.0047U	1.1J	0.72J	0.13J	<0.0038U	<0.0069U	1.95
A-Wing	SSHS-B246	2-4	7/30/2015	<0.0038U	<0.0046U	<0.0064U	<0.0046U	0.065J	0.049J	0.012J	<0.0037U	<0.0068U	0.126
A-Wing	SSHS-B247	2-4	7/20/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	2.5J	1.4J	0.19J	<0.0037U	<0.0067U	4.09
A-Wing	SSHS-B247	4-6	7/20/2015	<0.0036U	<0.0045U	<0.0062U	<0.0045U	0.42J	0.22J	0.027J	<0.0036U	<0.0066U	0.667
A-Wing	SSHS-B247	6-8	7/20/2015	<0.0036U	<0.0045U	<0.0062U	<0.0045U	0.066J	0.023J	0.0044J	<0.0036U	<0.0066U	0.0934
A-Wing	SSHS-B247A	4-6	7/11/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.014J	<0.008U	<0.012U	<0.0055U	<0.013U	0.05335
A-Wing	SSHS-B248	2-4	7/20/2015	<0.0038U	<0.0047U	<0.0064U	<0.0047U	0.14J	0.1J	0.021J	<0.0037U	<0.0069U	0.261
A-Wing	SSHS-B248	4-6	7/20/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	3.2J	1.8J	0.5J	<0.0037U	<0.0068U	5.5
A-Wing	SSHS-B248	6-8	7/20/2015	<0.004U	<0.0049U	<0.0067U	<0.0049U	0.085J	0.25J	0.58J	<0.0039U	<0.0072U	0.915
A-Wing	SSHS-B248A	4-6	7/11/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	4.6	2.1	0.25	<0.0057U	<0.013U	6.98
A-Wing	SSHS-B249	2-4	7/30/2015	<0.0038U	<0.0047U	<0.0065U	<0.0047U	0.28J	0.17J	0.037J	<0.0038U	<0.0069U	0.487
A-Wing	SSHS-B250	2-4	7/30/2015	<0.018U,F1	<0.022U	<0.03U	<0.022U	9.8J	4.4J	0.74J	<0.018U	<0.033U	14.94
A-Wing	SSHS-B251	2-3	7/20/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	6J	2J	0.35J	<0.0037U	<0.0068U	8.35
A-Wing	SSHS-B252	2-4	7/20/2015	<0.0037U	<0.0045U	<0.0063U	<0.0046U	0.059J	0.047J	0.012J	<0.0037U	<0.0067U	0.118
A-Wing	SSHS-B252	4-6	7/20/2015	<0.0037U	<0.0045U	<0.0062U	<0.0046U	0.42J	0.26J	0.052J	<0.0036U	<0.0067U	0.732
A-Wing	SSHS-B252	6-8	7/20/2015	<0.0036U	<0.0044U	<0.0061U	<0.0044U	<0.0044U	<0.0042U	<0.0039U	<0.0035U	<0.0065U	<0
A-Wing	SSHS-B253	2-4	7/30/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	0.046J	0.063J	0.019J	<0.0037U	<0.0068U	0.128
A-Wing	SSHS-B254	2-4	7/30/2015	<0.0038U	<0.0047U	<0.0065U	<0.0047U	4.7J	1.9J	0.31J	<0.0038U	<0.0069U	6.91
A-Wing	SSHS-B255	2-4	7/30/2015	<0.0037U	<0.0045U	<0.0062U	<0.0046U	0.0088J	0.024J	0.015J	<0.0036U	<0.0067U	0.0478
A-Wing	SSHS-B255	4-6	7/30/2015	<0.0038U	<0.0047U	<0.0064U	<0.0047U	0.18J	0.098J	0.019J	<0.0038U	<0.0069U	0.297

TABLE 5
Summary of PCB Results for Subsurface Soils
Former Sperry Remington Site - North Portion

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.0002	0.0002	0.00013	0.00006	0.00014	
Subsurface Soil Criteria													10
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Date Sampled**										
A-Wing	SSHS-B255	6-8	7/30/2015	<0.0036U	<0.0044U	<0.0061U	<0.0045U	0.005J	<0.0042U	<0.0039U	<0.0036U	<0.0065U	0.005
A-Wing	SSHS-B255A	4-6	7/12/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.049	0.021	<0.012U	<0.0055U	<0.013U	0.1053
A-Wing	SSHS-B255A	6-8	7/12/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	<0.0087U	<0.008U	<0.012U	<0.0056U	<0.013U	<0.0887
A-Wing	SSHS-B256	2-4	7/20/2015	<0.004U	<0.0049U	<0.0067U	<0.0049U	0.81J	0.36J	0.048J	<0.0039U	<0.0072U	1.218
A-Wing	SSHS-B256	4-6	7/20/2015	<0.19U	<0.23U	<0.32U	<0.23U	63J	25J	2.4J	<0.19U	<0.34U	**90.4**
A-Wing	SSHS-B256	6-8	7/20/2015	<0.0036U	<0.0044U	<0.0061U	<0.0044U	0.053J	0.026J	0.0073J	<0.0035U	<0.0065U	0.0863
A-Wing	SSHS-B257	2-4	7/30/2015	<0.019U,F1	<0.023U	<0.032U	<0.023U	8J	<0.022U	0.58J	<0.019U	<0.034U	8.58
A-Wing	SSHS-B257	4-6	7/30/2015	<0.077U	<0.094U	<0.13U	<0.095U	38J	18J	3.1J	<0.076U	<0.14U	**59.1**
A-Wing	SSHS-B257	6-8	7/30/2015	<0.038U	<0.046U	<0.064U	<0.047U	16J	8J	1.3J	<0.037U	<0.068U	25.3
A-Wing	SSHS-B257	8-10	7/30/2015	<0.0037U	<0.0045U	<0.0062U	<0.0046U	5J	2.3J	0.47J	<0.0036U	<0.0067U	7.77
A-Wing	SSHS-B330	2-4	3/9/2016	<0.042U	<0.066U	<0.023U	<0.034U	8.5J	3.1J	0.28J	<0.017U	<0.029U	11.88
A-Wing	SSHS-B330	4-6	3/9/2016	<0.0085U	<0.013U	<0.0047U	<0.0069U	1.2J	0.59J	0.16J	<0.0035U	<0.0058U	1.95
A-Wing	SSHS-B330	6-8	3/9/2016	<0.17U	<0.27U	<0.094U	<0.14U	30J	11J	1.3J	<0.07U	<0.12U	42.3
A-Wing	SSHS-B330	8-10	3/9/2016	<0.17U	<0.27U	<0.094U	<0.14U	31J	10J	1.1J	<0.07U	<0.12U	42.1
A-Wing	SSHS-B330	10-12	3/9/2016	<0.87U	<1.4U	<0.47U	<0.7U	180J	78J	9.4J	<0.35U	<0.59U	**267.4**
A-Wing	SSHS-B330	12-14	3/9/2016	<0.0084U	<0.013U	<0.0046U	<0.0067U	2.2J	1.4J	0.25J	<0.0034U	<0.0057U	3.85
A-Wing	SSHS-B330A	6-8	7/13/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	2.9	1.6	0.19	<0.0055U	<0.013U	4.719
A-Wing	SSHS-B330A	8-10	7/13/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	1.7	0.83	0.097	<0.0055U	<0.013U	2.656
A-Wing	SSHS-B337	4-6	3/9/2016	<0.0085U	<0.013U	<0.0047U	<0.0069U	0.027	<0.0069U	<0.0064U	<0.0035U	<0.0058U	0.027
A-Wing	SSHS-B337	8-10	3/9/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	0.064J	0.026J	<0.0061U	<0.0033U	<0.0055U	0.09
A-Wing	SSHS-B338	2-4	3/9/2016	<0.042U	<0.066U	<0.023U	<0.034U	10J	3.5J	0.32J	<0.017U	<0.028U	13.82
A-Wing	SSHS-B338	4-6	3/9/2016	<0.0084U	<0.013U	<0.0046U	<0.0067U	2.3J	0.89J	0.12J	<0.0034U	<0.0057U	3.31
A-Wing	SSHS-B338	6-8	3/9/2016	<0.087U	<0.14U	<0.048U	<0.07U	15J	5.7J	0.41J	<0.036U	<0.059U	21.11
A-Wing	SSHS-B338	8-10	3/9/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	1.8J	0.86J	0.1J	<0.0034U	<0.0056U	2.76
A-Wing	SSHS-B339	2-4	3/9/2016	<0.042U	<0.066U	<0.023U	<0.034U	6.6J	2.4J	0.17J	<0.017U	<0.028U	9.17
A-Wing	SSHS-B340	2-4	3/9/2016	<0.44U	<0.69U	<0.24U	<0.35U	140J	58J	6.6J	<0.18U	<0.29U	**204.6**
A-Wing	SSHS-B343	4-6	3/9/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	0.046J	0.045J	0.015J	<0.0036U	<0.006U	0.106
A-Wing	SSHS-B345	4-6	3/9/2016	<0.0083U	<0.013U	<0.0046U	<0.0067U	5J	2.2J	0.35J	<0.0034U	<0.0057U	7.55

TABLE 5
Summary of PCB Results for Subsurface Soils
Former Sperry Remington Site - North Portion

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.0002	0.0002	0.00013	0.00006	0.00014	
Subsurface Soil Criteria													10
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Date Sampled**										
A-Wing	SSHS-B464	2-4	8/29/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.19J	0.079J	0.034J	<0.0034U	<0.0057U	0.324
A-Wing	SSHS-B464	4-6	8/29/2016	<0.43U	<0.67U	<0.23U	<0.34U	79J	27J	3.3J	<0.17U	<0.29U	**110.4**
A-Wing	SSHS-B464	6-8	8/29/2016	<1.7U	<2.7U	<0.95U	<1.4U	750J	270J	36J	<0.7U	<1.2U	**1060**
A-Wing	SSHS-B467	2-4	8/29/2016	<4.2U	<6.6U	<2.3U	<3.4U	2800J	900J	65J	<1.7U	<2.9U	**3776**
A-Wing	SSHS-B467	4-6	8/29/2016	<0.41U	<0.64U	<0.22U	<0.33U	220J	83J	5.3J	<0.17U	<0.28U	**309.3**
A-Wing	SSHS-B467	6-8	8/29/2016	<0.008U	<0.013U	<0.0044U	<0.0064U	0.025	<0.0064U	<0.006U	<0.0032U	<0.0054U	0.0514
A-Wing	SSHS-B469	2-4	8/29/2016	<0.0085U	<0.013U	<0.0047U	<0.0069U	0.17J	0.052J	<0.0064UJ	<0.0035U	<0.0058U	0.2464
A-Wing	SSHS-B469	6-8	8/29/2016	<0.0086U	<0.014U	<0.0047U	<0.007U	5.6J	2J	0.3J	<0.0035U	<0.0059U	7.922
A-Wing	SSHS-B469	8-10	8/29/2016	<0.44U	<0.69U	<0.24U	<0.35U	63J	22J	2.9J	<0.18U	<0.3U	**89**
A-Wing	SSHS-B469	10-12	8/29/2016	<1.8U	<2.8U	<0.98U	<1.4U	750J	250J	32J	<0.73U	<1.2U	**1036**
A-Wing	SSHS-B469	12-14	8/29/2016	<0.86U	<1.4U	<0.47U	<0.69U	410J	130J	15J	<0.35U	<0.58U	**557.2**
A-Wing	SSHS-B470	6-8	8/29/2016	<0.0083U	<0.013U	<0.0046U	<0.0067U	0.18J	0.1J	0.018J	<0.0034U	<0.0057U	0.3189
A-Wing	SSHS-B470	8-10	8/29/2016	<0.44U	<0.7U	<0.24U	<0.36U	120J	48J	6.1J	<0.18U	<0.3U	**175.2**
A-Wing	SSHS-B470	10-12	8/29/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.34J	0.13J	0.024J	<0.0034U	<0.0057U	0.515
A-Wing	SSHS-B470	12-14	8/29/2016	<0.042U	<0.067U	<0.023U	<0.034U	7.6J	3.3J	0.5J	<0.017U	<0.029U	11.51
A-Wing	SSHS-B475	8-10	8/29/2016	<0.008U	<0.013U	<0.0044U	<0.0064U	0.6J	0.34J	0.054J	<0.0033U	<0.0054U	1.014
A-Wing	SSHS-B475	10-12	8/29/2016	<0.008U	<0.013U	<0.0044U	<0.0065U	0.061J	0.031J	<0.006U	<0.0033U	<0.0055U	0.1154
A-Wing	SSHS-B476	6-8	8/29/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	<0.0042U	<0.0066U	<0.0061U	<0.0033U	<0.0055U	<0.058
A-Wing	SSHS-B477	2-4	8/29/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	2.5J	1.1J	0.14J	<0.0034U	<0.0057U	3.761
A-Wing	SSHS-B477	4-6	8/29/2016	<0.41U	<0.65U	<0.23U	<0.33U	67J	25J	2.1J	<0.17U	<0.28U	**95.14**
A-Wing	SSHS-B477	6-8	8/29/2016	<0.43U	<0.67U	<0.23U	<0.34U	98J	35J	2.7J	<0.17U	<0.29U	**136.8**
A-Wing	SSHS-B479	4-6	8/29/2016	<0.042U	<0.066U	<0.023U	<0.034U	9.3J	4.7J	0.48J	<0.017U	<0.028U	14.59
A-Wing	SSHS-B479	6-8	8/29/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	<0.0042U	<0.0066U	<0.0061U	<0.0033U	<0.0056U	<0.0581
A-Wing	SSHS-B479	10-12	8/29/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	<0.0042U	<0.0066U	<0.0062U	<0.0034U	<0.0056U	<0.0583
A-Wing	SSHS-B480	10-12	8/29/2016	<0.0078U	<0.012U	<0.0043U	<0.0063U	<0.004U	<0.0063U	<0.0058U	<0.0032U	<0.0053U	<0.055
A-Wing	SSHS-B622	4-6	2/16/2017	<0.097U	<0.095U	<0.073U	<0.15U	17J	4.9J	0.88J	<0.056U	<0.13U	23.08
A-Wing	SSHS-B622	6-8	2/16/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	1.7	0.87	0.13	<0.0056U	<0.013U	2.73
A-Wing	SSHS-B622	8-10	2/16/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	4.7	2.1	0.12	<0.0055U	<0.013U	6.949

TABLE 5
Summary of PCB Results for Subsurface Soils
Former Sperry Remington Site - North Portion

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.0002	0.0002	0.00013	0.00006	0.00014	
Subsurface Soil Criteria													10
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Date Sampled**										
A-Wing	SSHS-B622	10-12	2/16/2017	<0.0093U	<0.0091U	<0.007U	<0.014U	0.042J	0.016J	<0.012U	<0.0054U	<0.013U	0.0929
A-Wing	SSHS-B623	2-4	2/16/2017	<0.095U	<0.093U	<0.071U	<0.14U	8.2J	4.2J	0.5J	<0.054U	<0.13U	13.19
A-Wing	SSHS-B623	4-6	2/16/2017	<0.01U	<0.0097U	<0.0074U	<0.015U	1.1J	0.34J	0.075J	<0.0057U	<0.013U	1.545
A-Wing	SSHS-B623	10-12	2/16/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	<0.0086U	<0.0079U	<0.012U	<0.0055U	<0.013U	<0.0869
A-Wing	SSHS-B630A	14-16	7/12/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	1.7	0.45	0.051	<0.0055U	<0.013U	2.23
A-Wing	SSHS-B631	12-14	2/16/2017	<0.0093U	<0.0091U	<0.007U	<0.014U	0.092J	0.036J	<0.012U	<0.0054U	<0.013U	0.1629
A-Wing	SSHS-B631	14-16	2/16/2017	<0.0091U	<0.0089U	<0.0068U	<0.014U	<0.0082U	<0.0075U	<0.011U	<0.0052U	<0.012U	<0.0827
A-Wing	SSHS-B635	8-10	2/16/2017	<0.096U	<0.094U	<0.072U	<0.14U	12J	4.7J	0.9J	<0.055U	<0.13U	17.89
A-Wing	SSHS-B635	12-14	2/16/2017	<0.01U	<0.0099U	<0.0076U	<0.015U	1.1J	0.39J	0.1J	<0.0058U	<0.014U	1.621
A-Wing	SSHS-B647	14-16	2/16/2017	<0.047U	<0.046U	<0.035U	<0.07U	11J	2.8J	0.53J	<0.027U	<0.064U	14.47
A-Wing	SSHS-B654	4-6	2/16/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.68J	0.23J	0.041J	<0.0057U	<0.013U	0.9814
A-Wing	SSHS-B654	8-10	2/16/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.15J	0.057J	<0.013U	<0.0057U	<0.013U	0.2439
A-Wing	SSHS-B654	10-12	2/16/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	0.022J	0.0096J	<0.012U	<0.0054U	<0.013U	0.0666
A-Wing	SSHS-B658	14-16	2/16/2017	<0.009U	<0.0088U	<0.0067U	<0.013U	0.017J	0.011J	<0.011U	<0.0052U	<0.012U	0.06085
A-Wing	SSHS-B659	8-10	2/16/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	0.54J	0.11J	<0.013U	<0.0058U	<0.014U	0.6876
A-Wing	SSHS-B659	12-14	2/16/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.58J	0.26J	0.027J	<0.0055U	<0.013U	0.8962
A-Wing	SSHS-B659	14-16	2/16/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.0094J	0.0094J	<0.012U	<0.0054U	<0.013U	0.05395
A-Wing	SSHS-B660	4-6	2/15/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	1.5J	0.48J	0.11J	<0.0058U	<0.014U	2.121
A-Wing	SSHS-B662	4-6	2/15/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	1.2J	0.36J	0.085J	<0.0057U	<0.014U	1.676
A-Wing	SSHS-B663	2-4	2/15/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	4.1J	1.6J	0.27J	<0.0056U	<0.013U	6
A-Wing	SSHS-B665	6-8	2/16/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.23J	0.12J	0.072J	<0.0056U	<0.013U	0.4521
A-Wing	SSHS-B670	14-16	2/14/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	0.067J	0.03J	<0.012U	<0.0056U	<0.013U	0.097
A-Wing	SSHS-B672	6-8	2/16/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.05J	0.025J	<0.012U	<0.0054U	<0.013U	0.1102
A-Wing	SSHS-B673	8-10	2/16/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	0.35J	0.096J	<0.013U	<0.0058U	<0.014U	0.4836
A-Wing	SSHS-B673	10-12	2/16/2017	<0.0093U	<0.0091U	<0.007U	<0.014U	0.046J	0.011J	<0.012U	<0.0054U	<0.013U	0.0919
A-Wing	SSHS-B682	10-12	3/23/2017	<0.05U,F1	<0.049U	<0.037U	<0.075U	9.4	2.6	0.5	<0.029U	<0.068U	12.65
A-Wing	SSHS-B688	2-4	3/21/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	2.3	0.5	0.13	<0.0055U	<0.013U	2.959
A-Wing	SSHS-B689	2-4	3/23/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	0.27	0.1	0.027	<0.0058U	<0.014U	0.4281

TABLE 5
Summary of PCB Results for Subsurface Soils
Former Sperry Remington Site - North Portion

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.0002	0.0002	0.00013	0.00006	0.00014	
Subsurface Soil Criteria													10
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Date Sampled**										
A-Wing	SSHS-B689	4-6	3/23/2017	<0.0099U	<0.0096U	<0.0074U	<0.015U	0.026	0.014J	0.013J	<0.0057U	<0.013U	0.0833
A-Wing	SSHS-B690	4-6	3/23/2017	<0.098U	<0.095U	<0.073U	<0.15U	13	5.6	0.51	<0.056U	<0.13U	19.41
A-Wing	SSHS-B691	8-10	3/23/2017	<0.01U	<0.01U	<0.0077U	<0.015U	0.091	0.034	0.016J	<0.0059U	<0.014U	0.1723
A-Wing	SSHS-B691	10-12	3/23/2017	<0.01U	<0.0099U	<0.0076U	<0.015U	0.062	0.048	<0.013U	<0.0058U	<0.014U	0.1477
A-Wing	SSHS-B693	8-10	3/23/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	0.041	0.019	<0.012U	<0.0054U	<0.013U	0.095
A-Wing	SSHS-B693	10-12	3/23/2017	<0.0094U	<0.0091U	<0.007U	<0.014U	<0.0084U	<0.0077U	<0.012U	<0.0054U	<0.013U	<0.086
A-Wing	SSHS-B695	4-6	3/23/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.13	0.039	<0.012U	<0.0056U	<0.013U	0.2051
A-Wing	SSHS-B695	8-10	3/23/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.046	0.013J	<0.012U	<0.0055U	<0.013U	0.09435
A-Wing	SSHS-B701	8-10	3/23/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.11	0.042	<0.012U	<0.0056U	<0.013U	0.1881
A-Wing	SSHS-B701	10-12	3/23/2017	<0.01U	<0.0097U	<0.0074U	<0.015U	<0.009U	<0.0082U	<0.013U	<0.0057U	<0.013U	<0.091
A-Wing	SSHS-B701	12-14	3/23/2017	<0.0093U	<0.0091U	<0.007U	<0.014U	0.2	0.058	0.013J	<0.0054U	<0.013U	0.2999
A-Wing	SSHS-B702	2-4	3/21/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.063	0.025	<0.012U	<0.0055U	<0.013U	0.1234
A-Wing	SSHS-B703	2-4	3/23/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	0.18	0.12	0.036	<0.0056U	<0.013U	0.366
A-Wing	SSHS-B708	8-10	3/21/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	0.096	0.022p	<0.013U	<0.0057U	<0.014U	0.1555
A-Wing	SSHS-B710	6-8	3/23/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	<0.0863
A-Wing	SSHS-B711	6-8	3/23/2017	<0.01U	<0.0099U	<0.0075U	<0.015U	0.86	0.38	0.078	<0.0058U	<0.014U	1.349
A-Wing	SSHS-B713	10-12	3/23/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	<0.0086U	<0.0079U	<0.012U	<0.0055U	<0.013U	<0.087
A-Wing	SSHS-B723	6-8	4/13/2017	<10U	<9.9U	<7.6U	<15U	1500	480	110	<5.8U	<14U	**2121**
A-Wing	SSHS-B723	16-18	4/13/2017	<0.096U	<0.093U	<0.071U	<0.14U	11	4.7	1	<0.055U	<0.13U	16.99
A-Wing	SSHS-B723	18-20	4/13/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	0.19	0.06	0.013J	<0.0056U	<0.013U	0.293
A-Wing	SSHS-B736	12-14	4/13/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.023	0.011J	<0.012U	<0.0055U	<0.013U	0.06925
A-Wing	SSHS-B737	12-14	4/13/2017	<0.01U	<0.0099U	<0.0075U	<0.015U	0.32	0.22	0.049	<0.0058U	<0.014U	0.6201
A-Wing	SSHS-B738	6-8	4/13/2017	<0.0095U	<0.0092U	<0.0071U	<0.014U	0.021	<0.0078U	<0.012U	<0.0054U	<0.013U	0.06
A-Wing	SSHS-B740	2-4	4/13/2017	<0.047U	<0.045U	<0.035U	<0.07U	5.8	2.5	0.55	<0.027U	<0.063U	8.994
A-Wing	SSHS-B743	6-8	4/13/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	0.017J	<0.0078U	<0.012U	<0.0054U	<0.013U	0.0559
A-Wing	SSHS-B744	2-4	4/13/2017	<0.0094U	<0.0091U	<0.007U	<0.014U	0.18	0.1	0.032	<0.0054U	<0.013U	0.341
A-Wing	SSHS-B788	10-12	5/16/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	2.9	1.1	0.14	<0.0058U	<0.014U	4.171
A-Wing	SSHS-B792	8-10	5/16/2017	<0.98U	<0.95U	<0.73U	<1.5U	130	38	4.6	<0.56U	<1.3U	**175.6**

TABLE 5
Summary of PCB Results for Subsurface Soils
Former Sperry Remington Site - North Portion

				Polychlorinated Biphenyls									
				Arochlor 1016	**Arochlor 1221**	**Arochlor 1232**	**Arochlor 1242**	**Arochlor 1248**	**Arochlor 1254**	**Arochlor 1260**	**Arochlor 1268**	**Arochlor 1262**	**Total PCBs**
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.0002	0.0002	0.00013	0.00006	0.00014	
Subsurface Soil Criteria													10
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Date Sampled**										
A-Wing	SSHS-B792	10-12	5/16/2017	<0.011U	<0.01U	<0.008U	<0.016U	0.47	0.25	0.062	<0.0061U	<0.014U	0.8146
A-Wing	SSHS-B792	12-14	5/16/2017	<0.57U	<0.56U	<0.42U	<0.85U	63	16	2	<0.33U	<0.77U	**82.75**
A-Wing	SSHS-B792	14-16	5/16/2017	<0.01U	<0.0097U	<0.0074U	<0.015U	0.23	0.093	0.019	<0.0057U	<0.013U	0.3724
A-Wing	SSHS-B793	4-6	5/15/2017	<5.1U	<5U	<3.8U	<7.6U	990	260	58	<2.9U	<6.9U	**1324**
A-Wing	SSHS-B793	6-8	5/15/2017	<5U	<4.8U	<3.7U	<7.4U	2800	760	170	<2.8U	<6.7U	**3745**
A-Wing	SSHS-B797A	4-6	7/13/2017	<0.19U	<0.18U	<0.14U	<0.28U	17	42	<0.24U	<0.11U	<0.25U	**59.7**
A-Wing	SSHS-B797A	6-8	7/13/2017	<0.0097U	<0.0094U	<0.0072U	<0.015U	0.042	0.044	<0.012U	<0.0056U	<0.013U	0.122
A-Wing	SSHS-B798	2-4	5/16/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	0.054	0.032	<0.012U	<0.0054U	<0.013U	0.121
A-Wing	SSHS-B798	8-10	5/16/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	0.2	0.15	0.03	<0.0057U	<0.013U	0.4102
A-Wing	SSHS-B798	10-12	5/16/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	3.7	0.77	0.13	<0.0056U	<0.013U	4.63
A-Wing	SSHS-B798A	2-4	7/12/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.15	0.065	<0.012U	<0.0057U	<0.013U	0.2514
A-Wing	SSHS-B801	4-6	5/17/2017	<0.1U	<0.099U	<0.076U	<0.15U	43J	19J	2.4J	<0.058U	<0.14U	**64.71**
A-Wing	SSHS-B801	8-10	5/17/2017	<0.0095U	<0.0092U	<0.0071U	<0.014U	0.53J	0.21J	0.03J	<0.0054U	<0.013U	0.7991
A-Wing	SSHS-B801	10-12	5/17/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	0.079J	0.016J	<0.012U	<0.0054U	<0.013U	0.13
A-Wing	SSHS-B801	12-14	5/17/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	1.9J	0.7J	0.093J	<0.0054U	<0.013U	2.722
A-Wing	SSHS-B802	8-10	5/17/2017	<0.1U	<0.098U	<0.075U	<0.15U	16J	4.5J	0.58J	<0.057U	<0.14U	21.39
A-Wing	SSHS-B802	12-14	5/17/2017	<0.093U	<0.091U	<0.07U	<0.14U	13J	3.6J	0.46J	<0.054U	<0.13U	17.35
A-Wing	SSHS-B803	4-6	5/16/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	2.8	1	0.12	<0.0057U	<0.013U	3.95
A-Wing	SSHS-B803	6-8	5/16/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.62	0.22	0.026	<0.0057U	<0.013U	0.8964
A-Wing	SSHS-B803	8-10	5/16/2017	<0.01U	<0.0097U	<0.0074U	<0.015U	3.1	1	0.16	<0.0057U	<0.013U	4.29
A-Wing	SSHS-B803	10-12	5/16/2017	<0.0098U	<0.0096U	<0.0074U	<0.015U	0.39	0.15	0.029	<0.0057U	<0.013U	0.5993
A-Wing	SSHS-B803	12-14	5/16/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.39	0.15	0.025	<0.0054U	<0.013U	0.5942
A-Wing	SSHS-B803	14-16	5/16/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	0.011J	<0.008U	<0.012U	<0.0056U	<0.013U	0.051
A-Wing	SSHS-B803A	8-10	7/11/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	<0.0088U	<0.0081U	<0.012U	<0.0056U	<0.013U	<0.0892
A-Wing	SSHS-B803A	10-12	7/11/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	<0.0088U	<0.0081U	<0.012U	<0.0056U	<0.013U	<0.0892
A-Wing	SSHS-B803A	14-16	7/12/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.067	0.019	<0.012U	<0.0055U	<0.013U	0.1214
A-Wing	SSHS-B804	4-6	5/16/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	0.17	0.062	<0.013U	<0.0058U	<0.014U	0.2696
A-Wing	SSHS-B804	8-10	5/16/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.068	0.032	<0.012U	<0.0056U	<0.013U	0.1361

TABLE 5
Summary of PCB Results for Subsurface Soils
Former Sperry Remington Site - North Portion

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.0002	0.0002	0.00013	0.00006	0.00014	
Subsurface Soil Criteria													10
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Date Sampled**										
A-Wing	SSHS-B804	10-12	5/16/2017	<4.9U	<4.8U	<3.6U	<7.3U	410	120	14	<2.8U	<6.6U	**559**
A-Wing	SSHS-B804	12-14	5/16/2017	<0.51U	<0.5U	<0.38U	<0.76U	80	32	3.7	<0.29U	<0.69U	**117.3**
A-Wing	SSHS-B804	14-16	5/16/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	2.3	0.93	0.11	<0.0056U	<0.013U	3.37
A-Wing	SSHS-B804A	4-6	7/11/2017	<0.01U	<0.01U	<0.0077U	<0.015U	0.08	0.049	<0.013U	<0.0059U	<0.014U	0.1668
A-Wing	SSHS-B804A	14-16	7/12/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.15	0.061	<0.012U	<0.0055U	<0.013U	0.2463
A-Wing	SSHS-B805	4-6	5/17/2017	<0.01U	<0.01U	<0.0078U	<0.016U	0.72J	0.24J	0.023J	<0.006U	<0.014U	1.015
A-Wing	SSHS-B805	10-12	5/17/2017	<0.096U	<0.094U	<0.072U	<0.14U	20J	6.4J	0.86J	<0.055U	<0.13U	27.55
A-Wing	SSHS-B805A	4-6	7/12/2017	<0.01U	<0.0097U	<0.0074U	<0.015U	2	0.71	0.1	<0.0057U	<0.013U	2.84
A-Wing	SSHS-B805A	10-12	7/12/2017	<0.01U	<0.01U	<0.0077U	<0.016U	2.8	1.6	0.22	<0.0059U	<0.014U	4.652
A-Wing	SSHS-B807	4-6	5/15/2017	<0.01U	<0.01U	<0.0077U	<0.016U	2	0.49	0.075	<0.0059U	<0.014U	2.597
A-Wing	SSHS-B807	6-8	5/15/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	<0.0089U	<0.0081U	<0.012U	<0.0057U	<0.013U	<0.0894
A-Wing	SSHS-B807	8-10	5/15/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	1.2	0.6	0.11	<0.0054U	<0.013U	1.939
A-Wing	SSHS-B809	2-4	5/15/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	1	0.39	0.082	<0.0057U	<0.014U	1.503
A-Wing	SSHS-B811	12-14	5/16/2017	<0.51U	<0.5U	<0.38U	<0.77U	89	31	4.2	<0.29U	<0.69U	**125.8**
A-Wing	SSHS-B812	8-10	5/15/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	0.55	0.15	0.021	<0.0054U	<0.013U	0.75
A-Wing	SSHS-B812	12-14	5/15/2017	<0.095U	<0.093U	<0.071U	<0.14U	9.6	2.6	0.64	<0.055U	<0.13U	13.13
Football Field SW	SSHS-B321	4-6	3/3/2016	<43U	<69U	<24U	<35U	22,000J	5100J	720J	<18U	<29U	**33,930**
Football Field SW	SSHS-B328	2-4	3/3/2016	<0.41U	<0.65U	<0.23U	<0.33U	64J	25J	4.2J	<0.17U	<0.28U	**159.9**
Football Field SW	SSHS-B328	4-6	3/3/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	1.2J	0.59J	0.07J	<0.0036U	<0.0059U	1.86
Football Field SW	SSHS-B438	2-4	8/26/2016	<0.16U	<0.26U	<0.09U	<0.13U	53J	17J	1.6J	<0.067U	<0.11U	**72.01**
Football Field SW	SSHS-B438	4-6	8/26/2016	<0.082U	<0.13U	<0.045U	<0.066U	26J	9.9J	0.93J	<0.034U	<0.056U	37.04
Football Field SW	SSHS-B438	6-8	8/26/2016	<0.084U	<0.13U	<0.046U	<0.068U	26J	10J	0.8J	<0.034U	<0.057U	37.01
Football Field SW	SSHS-B438	8-10	8/26/2016	<0.82U	<1.3U	<0.45U	<0.66U	170J	56J	5.5J	<0.34U	<0.56U	**233.6**
Football Field SW	SSHS-B439	2-4	8/26/2016	<0.16U	<0.26U	<0.089U	<0.13U	39J	17J	1.7J	<0.066U	<0.11U	**58.11**
Football Field SW	SSHS-B439	6-8	9/15/2016	<0.86U	<1.4U	<0.47U	<0.7U	270J	89J	15J	<0.35U	<0.59U	**376.2**
Football Field SW	SSHS-B439	8-10	9/15/2016	<0.85U	<1.3U	<0.46U	<0.68U	110J	31J	3.8J	<0.35U	<0.58U	**146.9**
Football Field SW	SSHS-B440	2-4	8/26/2016	<0.082UJ	<0.13U	<0.045U	<0.066U	14J	5.1J	0.74J	<0.034U	<0.056U	20.05
Football Field SW	SSHS-B440	4-6	8/26/2016	<0.086UJ	<0.14U	<0.047U	<0.069U	18J	7J	1.1J	<0.035U	<0.058U	26.32

TABLE 5
Summary of PCB Results for Subsurface Soils
Former Sperry Remington Site - North Portion

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.0002	0.0002	0.00013	0.00006	0.00014	
Subsurface Soil Criteria													10
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Date Sampled**										
Football Field SW	SSHS-B440	6-8	8/26/2016	<0.83UJ	<1.3U	<0.45U	<0.67U	340J	86J	14J	<0.34U	<0.56U	**442.1**
Football Field SW	SSHS-B440	8-10	8/26/2016	<0.17U	<0.27U	<0.094U	<0.14U	29J	9.4J	1.2J	<0.07U	<0.12U	40.03
Football Field SW	SSHS-B443	2-4	9/14/2016	<0.83U,F1	<1.3U	<0.45U	<0.67U	210J	72J	10J	<0.34U	<0.56U	**294.1**
Football Field SW	SSHS-B443	4-6	9/14/2016	<4.1U	<6.5U	<2.3U	<3.3U	1500J	510J	51J	<1.7U	<2.8U	**2071**
Football Field SW	SSHS-B443	6-8	9/14/2016	<0.42U	<0.67U	<0.23U	<0.34U	74J	24J	3.5J	<0.17U	<0.29U	**102.6**
Football Field SW	SSHS-B443	8-10	9/15/2016	<0.84U	<1.3U	<0.46U	<0.68U	200J	65J	6.6J	<0.34U	<0.57U	**273.7**
Football Field SW	SSHS-B444	2-4	8/26/2016	<0.17UJ	<0.26U	<0.09U	<0.13U	37J	14J	2.2J	<0.067U	<0.11U	**53.61**
Football Field SW	SSHS-B444	4-6	8/26/2016	<0.0085U	<0.013U	<0.0046U	<0.0068U	5.5J	2.7J	0.72J	<0.0035U	<0.0057U	8.941
Football Field SW	SSHS-B444	6-8	8/26/2016	<0.087UJ	<0.14U	<0.047U	<0.07U	<0.044U	23	<0.065U,F1,F2	<0.035U	<0.059U	23.27
Football Field SW	SSHS-B444	8-10	8/26/2016	<0.085U	<0.13U	<0.046U	<0.068U	24J	8.2J	1.4J	<0.034U	<0.057U	33.81
Football Field SW	SSHS-B461	2-3	8/31/2016	<0.041U	<0.064U	<0.022U	<0.033U	6.6J	1.7J	0.33J	<0.017U	<0.028U	8.733
Football Field SW	SSHS-B462	2-3	8/31/2016	<0.085U	<0.13U	<0.047U	<0.069U	38J	13J	1.9J	<0.035U	<0.058U	**53.11**
Football Field SW	SSHS-B463	2-3	8/31/2016	<0.042U	<0.066U	<0.023U	<0.034U	11J	3.9J	0.68J	<0.017U	<0.029U	15.69
Football Field SW	SSHS-B619	2-4	2/14/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	1.8J	0.61J	0.11J	<0.0055U	<0.013U	2.52
Football Field SW	SSHS-B619	4-6	2/14/2017	<0.0097U	<0.0094U	<0.0072U	<0.014U	0.71J	0.27J	0.046J	<0.0055U	<0.013U	1.026
Football Field SW	SSHS-B619	6-8	2/14/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.082J	0.043J	<0.012U	<0.0055U	<0.013U	0.125
Football Field SW	SSHS-B619	8-10	2/14/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.42J	0.16J	0.027J	<0.0055U	<0.013U	0.607
Football Field SW	SSHS-B619	10-12	2/14/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	<0.0088U	<0.0081U	<0.012U	<0.0056U	<0.013U	<0
Football Field SW	SSHS-B620	2-4	2/13/2017	<0.097U	<0.095U	<0.073U	<0.15U	21J	8.2J	1.6J	<0.056U	<0.13U	30.8
Football Field SW	SSHS-B620	4-6	2/13/2017	<0.1U	<0.099U	<0.076U	<0.15U	9.2J	3.4J	0.6J	<0.059U	<0.14U	13.2
Football Field SW	SSHS-B620	6-8	2/13/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	1.6J	0.58J	0.15J	<0.0058U	<0.014U	2.33
Football Field SW	SSHS-B620	8-10	2/13/2017	<0.0099U	<0.0096U	<0.0074U	<0.015U	3.4J	1.2J	0.23J	<0.0057U	<0.013U	4.83
Football Field SW	SSHS-B620	10-12	2/13/2017	<0.0093U	<0.009U	<0.0069U	<0.014U	0.017	<0.0077U	<0.012U	<0.0053U	<0.013U	0.017
Football Field SW	SSHS-B621	6-8	2/13/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.026J	0.0094J	<0.012U	<0.0056U	<0.013U	0.0354
Football Field SW	SSHS-B621	8-10	2/13/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	0.31J	0.099J	0.025J	<0.0056U	<0.013U	0.434
Football Field SW	SSHS-B621	10-12	2/13/2017	<0.0097U	<0.0094U	<0.0072U	<0.014U	0.62J	0.17J	0.036J	<0.0056U	<0.013U	0.826
Football Field SW	SSHS-B621	12-14	2/13/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	0.18	0.088	<0.012U	<0.0056U	<0.013U	0.3041
Football Field SW	SSHS-B621	14-16	2/13/2017	<0.0099U	<0.0096U	<0.0074U	<0.015U	0.029	0.027	<0.012U	<0.0057U	<0.013U	0.0923

TABLE 5
Summary of PCB Results for Subsurface Soils
Former Sperry Remington Site - North Portion

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.0002	0.0002	0.00013	0.00006	0.00014	
Subsurface Soil Criteria													10
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Date Sampled**										
Football Field SW	SSHS-B644	10-12	2/9/2017	<0.097U	<0.095U	<0.073U	<0.15U	10J	4.2J	0.44J	<0.056U	<0.13U	14.94
Football Field SW	SSHS-B644	12-14	2/9/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.061	0.017J	<0.012U	<0.0055U	<0.013U	0.1133
Football Field SW	SSHS-B644	14-16	2/9/2017	<0.092U	<0.089U	<0.068U	<0.14U	16	6.1	0.74	<0.053U	<0.12U	23.12
Football Field SW	SSHS-B645	10-12	2/13/2017	<0.046U	<0.045U	<0.035U	<0.069U	5.8J	2.7J	0.89J	<0.027U	<0.063U	9.39
Football Field SW	SSHS-B645	12-14	2/13/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	4.2	1.7	0.37	<0.0054U	<0.013U	6.299
Football Field SW	SSHS-B645	14-16	2/13/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.046	0.032	<0.012U	<0.0055U	<0.013U	0.1133
Football Field SW	SSHS-B646	10-12	2/13/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.081J	0.018J	<0.012U	<0.0055U	<0.013U	0.099
Football Field SW	SSHS-B646	12-14	2/13/2017	<4.8U	<4.7U	<3.6U	<7.1U	220	90	13	<2.7U	<6.4U	**337.7**
Football Field SW	SSHS-B646	14-16	2/13/2017	<0.0095U	<0.0093U	<0.0071U	0.96	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	0.9963
Football Field SW	SSHS-B650	2-4	2/14/2017	<0.098U	<0.095U	<0.073U	<0.15U	12J	3.9J	0.77J	<0.056U	<0.13U	16.67
Football Field SW	SSHS-B650	4-6	2/14/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	2J	0.78J	0.14J	<0.0056U	<0.013U	2.92
Football Field SW	SSHS-B650	6-8	2/14/2017	<0.1U	<0.1U	<0.077U	<0.15U	15J	5.1J	0.89J	<0.059U	<0.14U	20.99
Football Field SW	SSHS-B650	8-10	2/14/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	1.4J	0.45J	0.086J	<0.0057U	<0.013U	1.936
Football Field SW	SSHS-B650	10-12	2/14/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.023J	0.016J	<0.012U	<0.0057U	<0.013U	0.039
Football Field SW	SSHS-B650	12-14	2/14/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	1.3	0.4	0.087	<0.0054U	<0.013U	1.816
Football Field SW	SSHS-B650	14-16	2/14/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	<0.0086U	<0.0079U	<0.012U	<0.0055U	<0.013U	<0.087
Football Field SW	SSHS-B651	2-4	2/14/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.39J	0.18J	0.036J	<0.0055U	<0.013U	0.606
Football Field SW	SSHS-B651	4-6	2/14/2017	<0.0094U	<0.0091U	<0.007U	<0.014U	0.42J	0.19J	0.03J	<0.0054U	<0.013U	0.64
Football Field SW	SSHS-B651	6-8	2/14/2017	<0.011U	<0.011U	<0.0081U	<0.016U	<0.0098U	<0.009U	<0.014U	<0.0063U	<0.015U	<0
Football Field SW	SSHS-B651	8-10	2/14/2017	<0.01U	<0.01U	<0.0078U	<0.016U	0.64J	0.29J	0.049J	<0.006U	<0.014U	0.979
Football Field SW	SSHS-B651	10-12	2/14/2017	<0.011U	<0.01U	<0.0079U	<0.016U	<0.0095U	<0.0087U	<0.013U	<0.0061U	<0.014U	<0
Football Field SW	SSHS-B651	12-14	2/14/2017	<0.0093U	<0.0091U	<0.0069U	<0.014U	0.05	0.019	<0.012U	<0.0053U	<0.013U	0.1038
Football Field SW	SSHS-B651	14-16	2/14/2017	<0.009U	<0.0088U	<0.0067U	<0.014U	<0.0081U	<0.0075U	<0.011U	<0.0052U	<0.012U	<0.0823
Football Field SW	SSHS-B652	2-4	2/14/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	4.5J	1.1J	0.23J	<0.0055U	<0.013U	5.83
Football Field SW	SSHS-B652	4-6	2/14/2017	<1U	<0.98U	<0.75U	<1.5U	150J	39J	6.7J	<0.58U	<1.4U	**195.7**
Football Field SW	SSHS-B652	6-8	2/14/2017	<0.99U	<0.96U	<0.74U	<1.5U	77J	21J	3.6J	<0.57U	<1.3U	**101.6**
Football Field SW	SSHS-B652	8-10	2/14/2017	<0.97U	<0.95U	<0.72U	<1.5U	84J	21J	3.7J	<0.56U	<1.3U	**108.7**
Football Field SW	SSHS-B652	10-12	2/14/2017	<0.0091U	<0.0089U	<0.0068U	<0.014U	0.056J	0.019J	<0.011U	<0.0052U	<0.012U	0.075

TABLE 5
Summary of PCB Results for Subsurface Soils
Former Sperry Remington Site - North Portion

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.0002	0.0002	0.00013	0.00006	0.00014	
Subsurface Soil Criteria													10
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Date Sampled**										
Football Field SW	SSHS-B652	12-14	2/14/2017	<0.094U	<0.092U	<0.07U	<0.14U	15	3.6	0.64	<0.054U	<0.13U	19.53
Football Field SW	SSHS-B652	14-16	2/14/2017	<0.0092U	<0.0089U	<0.0068U	<0.014U	0.33	0.12	<0.012U	<0.0053U	<0.012U	0.4841
Football Field SW	SSHS-B653	4-6	2/14/2017	<0.099U	<0.097U	<0.074U	<0.15U	9.9J	2.8J	0.52J	<0.057U	<0.13U	13.22
Football Field SW	SSHS-B653	6-8	2/14/2017	<0.1U	<0.099U	<0.076U	<0.15U	17J	5.9J	0.77J	<0.058U	<0.14U	23.67
Football Field SW	SSHS-B653	8-10	2/14/2017	<0.1U	<0.098U	<0.075U	<0.15U	8.9J	2.5J	0.51J	<0.058U	<0.14U	11.91
Football Field SW	SSHS-B653	10-12	2/14/2017	<0.1U	<0.1U	<0.076U	<0.15U	5.6J	1.5J	0.3J	<0.059U	<0.14U	7.4
Football Field SW	SSHS-B653	12-14	2/14/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	4.1	1.1	0.21	<0.0055U	<0.013U	5.439
Football Field SW	SSHS-B653	14-16	2/14/2017	<0.0093U	<0.0091U	<0.0069U	<0.014U	0.28	0.074	<0.012U	<0.0053U	<0.013U	0.3888
Football Field SW	SSHS-B661	4-6	2/13/2017	<0.011U	<0.01U	<0.0079U	<0.016U	2.4J	0.82J	0.22J	<0.006U	<0.014U	3.44
Football Field SW	SSHS-B669	10-12	2/13/2017	<0.009U	<0.0088U	<0.0067U	<0.013U	0.49J	0.093J	0.022J	<0.0052U	<0.012U	0.605
Football Field SW	SSHS-B669	12-14	2/13/2017	<0.098U	<0.096U	<0.073U	<0.15U	22	9.9	2	<0.056U	<0.13U	34.2
Football Field SW	SSHS-B669	14-16	2/13/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.22	0.11	0.015J	<0.0055U	<0.013U	0.3742
Football Field SW	SSHS-B709	6-8	3/22/2017	<0.0095U	<0.0092U	<0.0071U	<0.014U	0.026	0.011J	<0.012U	<0.0054U	<0.013U	0.0721
Football Field SW	SSHS-B8	4-5	5/11/2000	<0.037U	<0.037U	<0.037U	<0.037U	3.3D	<0.037U	0.17	-	-	3.47
Main Parking Lot	SSHS-B17	1-3	5/10/2000	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	-	-	<0
Main Parking Lot	SSHS-B267	2-4	7/30/2015	<0.0038U	<0.0047U	<0.0065U	<0.0047U	1.2J	0.49J	0.073J	<0.0038U	<0.0069U	1.763
Main Parking Lot	SSHS-B267	4-6	7/30/2015	<0.0039U	<0.0048U	<0.0067U	<0.0049U	0.13J	0.054J	0.0092J	<0.0039U	<0.0071U	0.1932
Main Parking Lot	SSHS-B267	6-8	7/30/2015	<0.0038U	<0.0047U	<0.0065U	<0.0047U	<0.0047U	<0.0044U	<0.0041U	<0.0038U	<0.0069U	<0
Main Parking Lot	SSHS-B329	2-4	3/3/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.014J	<0.0068U	<0.0063U	<0.0034U	<0.0057U	0.014
Main Parking Lot	SSHS-B329	4-6	3/3/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	0.049J	0.013J	<0.0062U	<0.0034U	<0.0056U	0.062
Main Parking Lot	SSHS-B329	6-8	3/3/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	<0.0045U	<0.0071U	<0.0066U	<0.0036U	<0.006U	<0
Main Parking Lot	SSHS-B329	8-10	3/3/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.11J	0.022J	<0.0063U	<0.0034U	<0.0057U	0.132
Main Parking Lot	SSHS-B329A	10-12	7/11/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	<0.009U	<0.0083U	<0.013U	<0.0057U	<0.014U	<0.0923
Main Parking Lot	SSHS-B334	2-4	3/3/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	1.8J	1.1J	0.33J	<0.0033U	<0.0056U	3.23
Main Parking Lot	SSHS-B334	4-6	3/3/2016	<0.0081U	<0.013U	<0.0044U	<0.0065U	0.72J	0.47J	0.12J	<0.0033U	<0.0055U	1.31
Main Parking Lot	SSHS-B334	6-8	3/3/2016	<0.0083U	<0.013U	<0.0046U	<0.0067U	0.022	<0.0067U	<0.0062U	<0.0034U	<0.0056U	0.022
Main Parking Lot	SSHS-B334	8-10	3/3/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	1J	0.52J	0.11J	<0.0033U	<0.0056U	1.63
Main Parking Lot	SSHS-B455	4-6	8/30/2016	<0.0092U	<0.015U	<0.005U	<0.0074U	<0.02U	<0.0074U	<0.0069U	<0.0038U	<0.0062U	<0.0809

TABLE 5
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				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.0002	0.0002	0.00013	0.00006	0.00014	
Subsurface Soil Criteria													10
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Date Sampled**										
Main Parking Lot	SSHS-B455	6-8	8/30/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	<0.0042U	<0.0067U	<0.0062U	<0.0034U	<0.0056U	<0.0586
Main Parking Lot	SSHS-B455	8-10	8/30/2016	<0.0085U	<0.013U	<0.0046U	<0.0068U	0.21J	0.085J	<0.0063U	<0.0034U	<0.0057U	0.3192
Main Parking Lot	SSHS-B455A	8-10	7/10/2017	<0.0099U	<0.0096U	<0.0074U	<0.015U	0.087J	0.051J	<0.012U	<0.0057U	<0.013U	0.1743
Main Parking Lot	SSHS-B456	4-6	8/30/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	<0.0042U	<0.0066U	<0.0062U	<0.0034U	<0.0056U	<0.0583
Main Parking Lot	SSHS-B473	4-6	8/30/2016	<0.0089U	<0.014U	<0.0048U	<0.0071U	0.14J	0.053J	<0.0066U	<0.0036U	<0.006U	0.2185
Main Parking Lot	SSHS-B473	6-8	8/30/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	<0.0042U	<0.0067U	<0.0062U	<0.0034U	<0.0056U	<0.0586
Main Parking Lot	SSHS-B473	8-10	8/30/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	<0.0045U	<0.0071U	<0.0066U	<0.0036U	<0.006U	<0.0625
Main Parking Lot	SSHS-B628	12-14	2/9/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	0.32J	0.29J	0.065J	<0.0056U	<0.013U	0.7052
Main Parking Lot	SSHS-B629	6-8	2/9/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	<0.0085U	<0.0079U	<0.012U	<0.0055U	<0.013U	<0.0868
Main Parking Lot	SSHS-B629	8-10	2/9/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	0.017J	0.013J	<0.012U	<0.0056U	<0.013U	0.066
Main Parking Lot	SSHS-B629	12-14	2/9/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	<0.0863
Main Parking Lot	SSHS-B629A	6-8	7/10/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	<0.0863
Main Parking Lot	SSHS-B629A	8-10	7/10/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0084U	<0.0078U	<0.012U	<0.0054U	<0.013U	<0.0862
Main Parking Lot	SSHS-B632	4-6	2/10/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	<0.0088U	<0.0081U	<0.012U	<0.0056U	<0.013U	<0
Main Parking Lot	SSHS-B632	6-8	2/10/2017	<0.0099U	<0.0096U	<0.0074U	<0.015U	<0.0089U	<0.0081U	<0.012U	<0.0057U	<0.013U	<0
Main Parking Lot	SSHS-B632	8-10	2/10/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	0.033J	0.02J	<0.012U	<0.0056U	<0.013U	0.053
Main Parking Lot	SSHS-B632	10-12	2/10/2017	<0.01U	<0.0099U	<0.0076U	<0.015U	<0.0091U	<0.0084U	<0.013U	<0.0058U	<0.014U	<0
Main Parking Lot	SSHS-B632	12-14	2/10/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.023J	0.012J	<0.012U	<0.0055U	<0.013U	0.035
Main Parking Lot	SSHS-B632A	4-6	7/11/2017	<0.0099U	<0.0096U	<0.0074U	<0.015U	<0.0089U	<0.0081U	<0.012U	<0.0057U	<0.013U	<0.0896
Main Parking Lot	SSHS-B632A	6-8	7/11/2017	<0.01U	<0.0099U	<0.0075U	<0.015U	<0.0091U	<0.0083U	<0.013U	<0.0058U	<0.014U	<0.0926
Main Parking Lot	SSHS-B632A	8-10	7/11/2017	<0.01U	<0.0099U	<0.0076U	<0.015U	<0.0091U	<0.0084U	<0.013U	<0.0058U	<0.014U	<0.0928
Main Parking Lot	SSHS-B632A	10-12	7/11/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	<0.0088U	<0.0081U	<0.012U	<0.0056U	<0.013U	<0.0891
Main Parking Lot	SSHS-B632A	12-14	7/11/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	<0.0088U	<0.008U	<0.012U	<0.0056U	<0.013U	<0.0889
Main Parking Lot	SSHS-B632B	6-8	7/13/2017	<0.01U	<0.0099U	<0.0075U	<0.015U	<0.0091U	<0.0083U	<0.013U	<0.0058U	<0.014U	<0.0926
Main Parking Lot	SSHS-B632B	10-12	7/13/2017	<0.0093U	<0.0091U	<0.0069U	<0.014U	0.01J	<0.0077U	<0.012U	<0.0053U	<0.013U	0.04865
Main Parking Lot	SSHS-B633	2-4	2/10/2017	<0.09U,F1	<0.088U	<0.068U	<0.14U	11J	3.3J	0.63J	<0.052U	<0.12U	14.93
Main Parking Lot	SSHS-B633	4-6	2/10/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	3.6J	0.82J	0.18J	<0.0056U	<0.013U	4.6
Main Parking Lot	SSHS-B633	6-8	2/10/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.16J	0.084J	<0.012U	<0.0055U	<0.013U	0.244

TABLE 5
Summary of PCB Results for Subsurface Soils
Former Sperry Remington Site - North Portion

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.0002	0.0002	0.00013	0.00006	0.00014	
Subsurface Soil Criteria													10
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Date Sampled**										
Main Parking Lot	SSHS-B633	8-10	2/10/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	2.2J	0.73J	0.097J	<0.0056U	<0.013U	3.027
Main Parking Lot	SSHS-B633	10-12	2/10/2017	<1U	<0.98U	<0.75U	<1.5U	240J	120J	13J	<0.58U	<1.4U	**373**
Main Parking Lot	SSHS-B633	12-14	2/10/2017	<0.049U	<0.048U	<0.037U	<0.074U	11J	4.7J	0.75J	<0.028U	<0.067U	16.45
Main Parking Lot	SSHS-B634	2-4	2/10/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.16	0.094	0.02	<0.0055U	<0.013U	0.3034
Main Parking Lot	SSHS-B634	4-6	2/10/2017	<0.0001U	<0.0001U	<0.000078U	<0.00016U	0.0015	0.00057	<0.00013U	<0.00006U	<0.00014U	0.002454
Main Parking Lot	SSHS-B634	8-10	2/10/2017	<0.0099U	<0.0096U	<0.0074U	<0.015U	0.11J	0.044J	<0.012U	<0.0057U	<0.013U	0.154
Main Parking Lot	SSHS-B634	12-14	2/10/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.087J	0.046J	<0.012U	<0.0055U	<0.013U	0.133
Main Parking Lot	SSHS-B656	10-12	2/14/2017	<0.0097U,F2	<0.0095U	<0.0073U	<0.015U	0.036J	0.011J	<0.012U,F2	<0.0056U	<0.013U	0.047
Main Parking Lot	SSHS-B656	12-14	2/14/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.45J	0.15J	0.018J	<0.0055U	<0.013U	0.618
Main Parking Lot	SSHS-B679	2-4	3/21/2017	<0.049U,F1	<0.048U	<0.037U	<0.073U	8.8	2.4	0.65	<0.028U	<0.066U	12
Main Parking Lot	SSHS-B679	4-6	3/21/2017	<0.0097U	<0.0094U	<0.0072U	<0.014U	1.3	0.4	0.088	<0.0056U	<0.013U	1.817
Main Parking Lot	SSHS-B679	10-12	3/21/2017	<0.01U	<0.01U	<0.0077U	<0.015U	0.24	0.093	0.032	<0.0059U	<0.014U	0.3963
Main Parking Lot	SSHS-B679	12-14	3/21/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.74	0.22	0.054	<0.0056U	<0.013U	1.044
Main Parking Lot	SSHS-B679	14-16	3/21/2017	<0.01U,F1	<0.0099U	<0.0076U	<0.015U	1.1	0.3	0.056	<0.0058U	<0.014U	1.487
Main Parking Lot	SSHS-B680	2-4	3/20/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.19	0.054	0.015J	<0.0055U	<0.013U	0.2884
Main Parking Lot	SSHS-B680	4-6	3/20/2017	<0.0094U	<0.0092U	<0.0071U	<0.014U	0.095	0.032	<0.012U	<0.0054U	<0.013U	0.1621
Main Parking Lot	SSHS-B680	10-12	3/20/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	0.75	0.17	0.049	<0.0058U	<0.014U	1
Main Parking Lot	SSHS-B680	12-14	3/20/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.18	0.049	0.014J	<0.0055U	<0.013U	0.2722
Main Parking Lot	SSHS-B680	14-16	3/20/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	<0.0863
Main Parking Lot	SSHS-B681	2-4	3/20/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.17	0.068	0.02	<0.0057U	<0.013U	0.2884
Main Parking Lot	SSHS-B681	4-6	3/20/2017	<0.01U	<0.01U	<0.0076U	<0.015U	0.076	0.043	0.014J	<0.0059U	<0.014U	0.1643
Main Parking Lot	SSHS-B681	8-10	3/20/2017	<0.01U	<0.01U	<0.0077U	<0.015U	0.099	0.041	0.016J	<0.0059U	<0.014U	0.1873
Main Parking Lot	SSHS-B681	10-12	3/20/2017	<0.01U	<0.01U	<0.0076U	<0.015U	0.47	0.11	0.039	<0.0059U	<0.014U	0.6503
Main Parking Lot	SSHS-B681	12-14	3/20/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	0.11	0.033	0.014J	<0.0057U	<0.014U	0.188
Main Parking Lot	SSHS-B681	14-16	3/20/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	<0.0088U	<0.0081U	<0.012U	<0.0056U	<0.013U	<0.0891
Main Parking Lot	SSHS-B692	2-4	3/20/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.37	0.14	0.053	<0.0057U	<0.013U	0.5934
Main Parking Lot	SSHS-B692	8-10	3/20/2017	<0.01U	<0.0099U	<0.0076U	<0.015U	0.25	0.078	0.023	<0.0058U	<0.014U	0.3822
Main Parking Lot	SSHS-B692	10-12	3/20/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	1	0.3	0.067	<0.0056U	<0.013U	1.397

TABLE 5
Summary of PCB Results for Subsurface Soils
Former Sperry Remington Site - North Portion

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.0002	0.0002	0.00013	0.00006	0.00014	
Subsurface Soil Criteria													10
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Date Sampled**										
Main Parking Lot	SSHS-B692	12-14	3/20/2017	<0.011U	<0.01U	<0.0079U	<0.016U	0.37	0.11	0.043	<0.0061U	<0.014U	0.5555
Main Parking Lot	SSHS-B694	10-12	3/21/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	<0.009U	<0.0083U	<0.013U	<0.0058U	<0.014U	<0.0924
Main Parking Lot	SSHS-B696	2-4	3/20/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	1.3	0.52	0.28	<0.0056U	<0.013U	2.13
Main Parking Lot	SSHS-B696	4-6	3/20/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	1.6	0.86	0.19	<0.0057U	<0.014U	2.681
Main Parking Lot	SSHS-B696	10-12	3/20/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.13	0.09	0.05	<0.0057U	<0.013U	0.3004
Main Parking Lot	SSHS-B696	12-14	3/20/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.55	0.11p	0.055	<0.0056U	<0.013U	0.7451
Main Parking Lot	SSHS-B697	2-4	3/21/2017	<1U	<0.98U	<0.75U	<1.5U	110	38	5.5	<0.58U	<1.4U	**156.6**
Main Parking Lot	SSHS-B697	4-6	3/21/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	3.5	0.88	0.16	<0.0056U	<0.013U	4.57
Main Parking Lot	SSHS-B697	10-12	3/21/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	0.74	0.36	0.12	<0.0058U	<0.014U	1.251
Main Parking Lot	SSHS-B697	12-14	3/21/2017	<0.01U	<0.01U	<0.0076U	<0.015U	2.1	0.46	0.1	<0.0059U	<0.014U	2.691
Main Parking Lot	SSHS-B697	14-16	3/21/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.023	<0.0082U	<0.013U	<0.0057U	<0.013U	0.06395
Main Parking Lot	SSHS-B698	2-4	3/20/2017	<0.01U	<0.01U	<0.0078U	<0.016U	0.55	0.17	0.057	<0.006U	<0.014U	0.8089
Main Parking Lot	SSHS-B698	10-12	3/20/2017	<0.0099U	<0.0096U	<0.0074U	<0.015U	0.093	0.059	0.021	<0.0057U	<0.013U	0.2033
Main Parking Lot	SSHS-B698	12-14	3/20/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.073	0.035	<0.013U	<0.0057U	<0.013U	0.1449
Main Parking Lot	SSHS-B698	14-16	3/20/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	<0.0863
Main Parking Lot	SSHS-B699	2-4	3/21/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.028	0.023	<0.012U	<0.0055U	<0.013U	0.08625
Main Parking Lot	SSHS-B699	4-6	3/21/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.12	0.057	0.025	<0.0057U	<0.013U	0.2324
Main Parking Lot	SSHS-B699	8-10	3/21/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	0.073	0.032	<0.012U	<0.0056U	<0.013U	0.1411
Main Parking Lot	SSHS-B699	10-12	3/21/2017	<0.01U	<0.01U	<0.0076U	<0.015U	0.51	0.14	0.048	<0.0059U	<0.014U	0.7293
Main Parking Lot	SSHS-B699	12-14	3/21/2017	<0.01U	<0.01U	<0.0077U	<0.016U	0.075	0.033	<0.013U	<0.0059U	<0.014U	0.1463
Main Parking Lot	SSHS-B699	14-16	3/21/2017	<0.0093U	<0.0091U	<0.007U	<0.014U	0.0091J	<0.0077U	<0.012U	<0.0054U	<0.013U	0.04785
Main Parking Lot	SSHS-B704	2-4	3/20/2017	<0.01U,F1	<0.01U	<0.0078U	<0.016U	0.49	0.12	0.051	<0.006U	<0.014U	0.6929
Main Parking Lot	SSHS-B705	8-10	3/20/2017	<0.01U	<0.0099U	<0.0075U	<0.015U	0.2	0.093	0.031	<0.0058U	<0.014U	0.3551
Main Parking Lot	SSHS-B716	14-16	3/20/2017	<0.0095U	<0.0092U	<0.0071U	<0.014U	0.23	0.12	0.019	<0.0054U	<0.013U	0.3981
Main Parking Lot	SSHS-B718	14-16	3/21/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	0.0096J	<0.0078U	<0.012U	<0.0054U	<0.013U	0.0485
Main Parking Lot	SSHS-B718A	14-16	7/12/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.012J	<0.0079U	<0.012U	<0.0055U	<0.013U	0.05115
Main Parking Lot	SSHS-B720	2-4	4/12/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.056	0.04	0.016J	<0.0057U	<0.013U	0.1424
Main Parking Lot	SSHS-B720	4-6	4/12/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.077	0.045	0.013J	<0.0057U	<0.013U	0.1654

TABLE 5
Summary of PCB Results for Subsurface Soils
Former Sperry Remington Site - North Portion

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.0002	0.0002	0.00013	0.00006	0.00014	
Subsurface Soil Criteria													10
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Date Sampled**										
Main Parking Lot	SSHS-B721	2-4	4/12/2017	<0.01U	<0.0099U	<0.0075U	<0.015U	0.32	0.21	0.039	<0.0058U	<0.014U	0.6001
Main Parking Lot	SSHS-B721	4-6	4/12/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.078	0.05	<0.012U	<0.0055U	<0.013U	0.1634
Main Parking Lot	SSHS-B722	2-4	4/12/2017	<0.0093U	<0.009U	<0.0069U	<0.014U	0.028	0.018	<0.012U	<0.0053U	<0.013U	0.08075
Main Parking Lot	SSHS-B722	4-6	4/12/2017	<0.0093U	<0.0091U	<0.007U	<0.014U	0.055	0.028	<0.012U	<0.0054U	<0.013U	0.1179
Main Parking Lot	SSHS-B73	2-6	8/13/2014	<0.0028U	<0.0036U	<0.0032U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0042U	<0
Main Parking Lot	SSHS-B73	6-10	8/13/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	0.046	<0.0026U	<0.012J	<0.0023U	<0.0039U	0.046
Main Parking Lot	SSHS-B73	10-15	8/13/2014	<0.0028U	<0.0035U	<0.0032U	<0.003U	0.077	<0.0026U	0.024	<0.0024U	<0.0041U	0.101
Main Parking Lot	SSHS-B74	2-6	8/13/2014	<0.0026U	<0.0033U	<0.003U	<0.0028U	<0.0016U	<0.0025U	<0.0025U	<0.0022U	<0.0038U	<0
Main Parking Lot	SSHS-B74	6-10	8/13/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
Main Parking Lot	SSHS-B74	10-15	8/13/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
Main Parking Lot	SSHS-B78	2-6	8/14/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
Main Parking Lot	SSHS-B78	6-10	8/14/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
Main Parking Lot	SSHS-B78	10-15	8/14/2014	<0.0026U	<0.0033U	<0.003U	<0.0028U	<0.0017U	<0.0025U	<0.0025U	<0.0022U	<0.0038U	<0
Main Parking Lot	SSHS-B783	2-4	5/17/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	0.2J	0.078J	0.014J	<0.0056U	<0.013U	0.3222
Main Parking Lot	SSHS-B784	2-4	5/17/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.061J	0.045J	<0.012U	<0.0057U	<0.013U	0.1424
Main Parking Lot	SSHS-B79	2-6	8/14/2014	<0.0027U	<0.0035U	<0.0031U	<0.0029U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
Main Parking Lot	SSHS-B79	6-10	8/14/2014	<0.0027U	<0.0035U	<0.0032U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
Main Parking Lot	SSHS-B79	10-15	8/14/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
Main Parking Lot	SSHS-B795A	2-4	7/12/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	0.91	0.38	0.046	<0.0056U	<0.013U	1.366
Main Parking Lot	SSHS-B798A	2-4	7/12/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.15	0.065	<0.012U	<0.0057U	<0.013U	0.2514
Main Parking Lot	SSHS-B799	2-4	5/17/2017	<0.0099U	<0.0096U	<0.0074U	<0.015U	0.079J	0.033J	<0.012U	<0.0057U	<0.013U	0.1483
Main Parking Lot	SSHS-B799	10-12	5/17/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	1.7J	0.57J	0.071J	<0.0055U	<0.013U	2.37
Main Parking Lot	SSHS-B799	12-14	5/17/2017	<0.011U	<0.01U	<0.0079U	<0.016U	0.13J	0.066J	<0.013U	<0.0061U	<0.014U	0.235
Main Parking Lot	SSHS-B799	14-16	5/17/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.033	0.014J	<0.012U	<0.0055U	<0.013U	0.0822
Main Parking Lot	SSHS-B80	2-6	8/14/2014	<0.0027U	<0.0035U	<0.0032U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
Main Parking Lot	SSHS-B80	6-10	8/14/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
Main Parking Lot	SSHS-B80	10-14.5	8/14/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	<0.0017U	<0.0026U	<0.0025U	<0.0023U	<0.0039U	<0
Main Parking Lot	SSHS-B803A	8-10	7/11/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	<0.0088U	<0.0081U	<0.012U	<0.0056U	<0.013U	<0.0892

TABLE 5
Summary of PCB Results for Subsurface Soils
Former Sperry Remington Site - North Portion

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.0002	0.0002	0.00013	0.00006	0.00014	
Subsurface Soil Criteria													10
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Date Sampled**										
Main Parking Lot	SSHS-B803A	10-12	7/11/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	<0.0088U	<0.0081U	<0.012U	<0.0056U	<0.013U	<0.0892
Main Parking Lot	SSHS-B803A	14-16	7/12/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.067	0.019	<0.012U	<0.0055U	<0.013U	0.1214
Main Parking Lot	SSHS-B804A	4-6	7/11/2017	<0.01U	<0.01U	<0.0077U	<0.015U	0.08	0.049	<0.013U	<0.0059U	<0.014U	0.1668
Main Parking Lot	SSHS-B804A	14-16	7/12/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.15	0.061	<0.012U	<0.0055U	<0.013U	0.2463
Main Parking Lot	SSHS-B81	2-6	8/14/2014	<0.0027U	<0.0035U	<0.0032U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
Main Parking Lot	SSHS-B81	6-10	8/14/2014	<0.0028U	<0.0036U	<0.0033U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0025U	<0.0042U	<0
Main Parking Lot	SSHS-B81	10-13.5	8/14/2014	<0.0028U	<0.0036U	<0.0032U	<0.003U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
Main Parking Lot	SSHS-B82	2-6	8/13/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
Main Parking Lot	SSHS-B82	6-10	8/13/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
Main Parking Lot	SSHS-B82	10-15	8/13/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
Main Parking Lot	SSHS-B83	2-6	8/13/2014	<0.0029U	<0.0038U	<0.0034U	<0.0032U	<0.0019U	<0.0028U	<0.0028U	<0.0025U	<0.0043U	<0
Main Parking Lot	SSHS-B83	6-10	8/13/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
Main Parking Lot	SSHS-B83	10-14.5	8/13/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
Main Parking Lot	SSHS-B84	2-6	8/14/2014	<0.0028U	<0.0036U	<0.0032U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0042U	<0
Main Parking Lot	SSHS-B84	6-10	8/14/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0038U	<0
Main Parking Lot	SSHS-B84	10-14	8/14/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.0039U	<0
Main Parking Lot	SSHS-B85	2-6	8/13/2014	<0.0031U	<0.004U	<0.0036U	<0.0034U	<0.002U	<0.003U	<0.003U	<0.0027U	<0.0046U	<0
Main Parking Lot	SSHS-B85	6-10	8/13/2014	<0.0028U	<0.0036U	<0.0032U	<0.003U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
Main Parking Lot	SSHS-B85	10-15	8/13/2014	<0.0028U	<0.0037U	<0.0033U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0025U	<0.0042U	<0
Main Parking Lot	SSHS-B86	2-6	8/13/2014	<0.003U	<0.0038U	<0.0034U	<0.0033U	<0.0019U	<0.0028U	<0.0028U	<0.0026U	<0.0044U	<0
Main Parking Lot	SSHS-B86	6-10	8/13/2014	<0.0028U	<0.0035U	<0.0032U	<0.003U	<0.0018U	<0.0026U	<0.0026U	<0.0024U	<0.0041U	<0
Main Parking Lot	SSHS-B86	10-15	8/13/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
Main Parking Lot	SSHS-B87	2-6	8/14/2014	<0.0028U	<0.0036U	<0.0032U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0042U	<0
Main Parking Lot	SSHS-B87	6-10	8/14/2014	<0.0028U	<0.0036U	<0.0032U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
Main Parking Lot	SSHS-B87	10-15	8/14/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
Main Parking Lot	SSHS-B88	2-6	8/13/2014	<0.0029U	<0.0037U	<0.0033U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0025U	<0.0042U	<0
Main Parking Lot	SSHS-B88	6-10	8/13/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
Main Parking Lot	SSHS-B88	10-15	8/13/2014	<0.0028U	<0.0036U	<0.0033U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0025U	<0.0042U	<0

TABLE 5
Summary of PCB Results for Subsurface Soils
Former Sperry Remington Site - North Portion

				Polychlorinated Biphenyls									
				Arochlor 1016	**Arochlor 1221**	**Arochlor 1232**	**Arochlor 1242**	**Arochlor 1248**	**Arochlor 1254**	**Arochlor 1260**	**Arochlor 1268**	**Arochlor 1262**	**Total PCBs**
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.0002	0.0002	0.00013	0.00006	0.00014	
Subsurface Soil Criteria													10
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Date Sampled**										
Main Parking Lot	SSHS-B89	2-6	8/13/2014	<0.0029U	<0.0037U	<0.0033U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0025U	<0.0042U	<0
Main Parking Lot	SSHS-B89	6-10	8/13/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
Main Parking Lot	SSHS-B89	10-15	8/13/2014	<0.0028U	<0.0036U	<0.0032U	<0.003U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
Main Parking Lot	SSHS-B90	2-6	8/13/2014	<0.003U	<0.0038U	<0.0034U	<0.0033U	0.033	<0.0028U	<0.012J	<0.0026U	<0.0044U	0.033
Main Parking Lot	SSHS-B90	6-10	8/13/2014	<0.003U	<0.0038U	<0.0035U	<0.0033U	<0.0019U	<0.0029U	<0.0029U	<0.0026U	<0.0044U	<0
Main Parking Lot	SSHS-B90	10-15	8/13/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.0039U	<0
Main Parking Lot	SSHS-B91	2-6	8/13/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
Main Parking Lot	SSHS-B91	6-10	8/13/2014	<0.0026U	<0.0033U	<0.003U	<0.0028U	<0.0016U	<0.0025U	<0.0025U	<0.0022U	<0.0038U	<0
Main Parking Lot	SSHS-B91	10-15	8/13/2014	<0.0028U	<0.0036U	<0.0032U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
South of Athletic Stands	SSHS-B259	2-4	7/29/2015	<0.08U	<0.098U	<0.13U	<0.099U	35J	7.7J	1.4J	<0.079U	<0.14U	44.1
South of Athletic Stands	SSHS-B260	2-4	7/29/2015	<0.19U	<0.23U	<0.32U	<0.23U	44J	17J	1.9J	<0.18U	<0.34U	**62.9**
South of Athletic Stands	SSHS-B260	4-6	7/29/2015	<0.38U	<0.47U	<0.65U	<0.47U	83J	12J	3.8J	<0.38U	<0.69U	**98.8**
South of Athletic Stands	SSHS-B260	6-8	7/29/2015	<0.81U	<0.99U	<1.4U	<1U	1000J	130J	37J	<0.8U	<1.5U	**1167**
South of Athletic Stands	SSHS-B261	2-4	7/17/2015	<0.038U	<0.046U	<0.064U	<0.047U	23J	9.3J	1.3J	<0.037U	<0.068U	33.6
South of Athletic Stands	SSHS-B261	4-6	7/17/2015	<0.004U	<0.0049U	<0.0067U	<0.0049U	3.6J	1.3J	0.19J	<0.0039U	<0.0072U	5.09
South of Athletic Stands	SSHS-B261	6-8	7/17/2015	<0.0039U	<0.0048U	<0.0066U	<0.0049U	<0.0048U	<0.0046U	<0.0042U	<0.0039U	<0.0071U	<0
South of Athletic Stands	SSHS-B262	2-4	7/29/2015	<0.079U	<0.097U	<0.13U	<0.098U	18J	2.1J	0.54J	<0.078U	<0.14U	20.64
South of Athletic Stands	SSHS-B262	4-6	7/29/2015	<0.0039U	<0.0048U	<0.0067U	<0.0049U	2.6J	1J	0.079J	<0.0039U	<0.0071U	3.679
South of Athletic Stands	SSHS-B262	6-8	7/29/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	0.016J	0.0077J	<0.004U	<0.0037U	<0.0067U	0.0237
South of Athletic Stands	SSHS-B264	2-3	7/17/2015	<0.036U	<0.044U	<0.061U	<0.045U	15J	7.3J	0.85J	<0.036U	<0.065U	23.15
South of Athletic Stands	SSHS-B265	2-4	7/17/2015	<0.037U	<0.046U	<0.063U	<0.046U	23J	8.2J	1.1J	<0.037U	<0.067U	32.3
South of Athletic Stands	SSHS-B265	4-6	7/17/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	1.5J	0.48J	0.057J	<0.0038U	<0.007U	2.037
South of Athletic Stands	SSHS-B265	6-8	7/17/2015	<0.004U	<0.0049U	<0.0068U	<0.005U	<0.0049U	<0.0047U	<0.0043U	<0.004U	<0.0073U	<0
South of Athletic Stands	SSHS-B266	2-4	7/17/2015	<0.02U	<0.025U	<0.034U	<0.025U	8.5J	3.1J	0.32J	<0.02U	<0.037U	11.92
South of Athletic Stands	SSHS-B266	4-6	7/17/2015	<0.18U	<0.23U	<0.31U	<0.23U	44J	18J	2.7J	<0.18U	<0.33U	**64.7**
South of Athletic Stands	SSHS-B266	6-8	7/17/2015	<0.39U	<0.47U	<0.65U	<0.48U	170J	66J	11J	<0.38U	<0.7U	**247**
South of Athletic Stands	SSHS-B266A	8-10	7/29/2015	<0.039U	<0.048U	<0.066U	<0.048U	20J	4.7J	1J	<0.038U	<0.07U	25.7
South of Athletic Stands	SSHS-B268	2-4	7/29/2015	<0.037U	<0.045U	<0.063U	<0.046U	10J	1.1J	0.45J	<0.036U	<0.067U	11.55

TABLE 5
Summary of PCB Results for Subsurface Soils
Former Sperry Remington Site - North Portion

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.0002	0.0002	0.00013	0.00006	0.00014	
Subsurface Soil Criteria													10
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Date Sampled**										
South of Athletic Stands	SSHS-B268	4-6	7/29/2015	<0.004U	<0.0048U	<0.0067U	<0.0049U	0.63J	0.28J	0.032J	<0.0039U	<0.0072U	0.942
South of Athletic Stands	SSHS-B268	6-8	7/29/2015	<0.0039U	<0.0047U	<0.0065U	<0.0048U	<0.0047U	<0.0045U	<0.0041U	<0.0038U	<0.007U	<0
South of Athletic Stands	SSHS-B269	2-3	7/17/2015	<0.019U	<0.023U	<0.031U	<0.023U	7.3J	3.3J	0.57J	<0.018U	<0.033U	11.17
South of Athletic Stands	SSHS-B270	2-4	7/17/2015	<0.037U	<0.045U	<0.062U	<0.046U	22J	9.8J	1J	<0.036U	<0.067U	32.8
South of Athletic Stands	SSHS-B270	4-5	7/17/2015	<0.038U	<0.046U	<0.064U	<0.047U	14J	5.8J	0.68J	<0.037U	<0.068U	20.48
South of Athletic Stands	SSHS-B271	2-4	7/17/2015	<0.0038U	<0.0047U	<0.0065U	<0.0047U	4.7J	1.8J	0.28J	<0.0038U	<0.0069U	6.78
South of Athletic Stands	SSHS-B271	4-6	7/17/2015	<0.038U	<0.047U	<0.064U	<0.047U	42J	14J	2.1J	<0.037U	<0.069U	**58.1**
South of Athletic Stands	SSHS-B271	6-8	7/17/2015	<0.0038U	<0.0046U	<0.0064U	<0.0046U	5.9J	2.5J	0.43J	<0.0037U	<0.0068U	8.83
South of Athletic Stands	SSHS-B273	2-4	7/29/2015	<7.5U	<9.2U	<13U	<9.3U	600J	200J	62J	<7.4U	<14U	**862**
South of Athletic Stands	SSHS-B273	4-6	7/29/2015	<0.075U	<0.092U	<0.13U	<0.093U	18J	6.4J	1.3J	<0.074U	<0.14U	25.7
South of Athletic Stands	SSHS-B273	6-8	7/29/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.084J	0.099J	<0.019U	<0.0039U	<0.0071U	0.183
South of Athletic Stands	SSHS-B274	2-4	7/29/2015	<0.38U	<0.47U	<0.64U	<0.47U	78J	27J	3.5J	<0.37U	<0.69U	**108.5**
South of Athletic Stands	SSHS-B274	4-6	7/29/2015	<0.039U	<0.048U	<0.066U	<0.048U	8.9J	1.5J	0.83J	<0.039U	<0.071U	11.23
South of Athletic Stands	SSHS-B274	6-8	7/29/2015	<0.0038U	<0.0047U	<0.0065U	<0.0048U	<0.0047U	<0.0045U	0.0076J	<0.0038U	<0.0069U	0.0076
South of Athletic Stands	SSHS-B275	2-4	7/17/2015	<0.039U	<0.047U	<0.065U	<0.048U	55J	22J	2.9J	<0.038U	<0.07U	**79.9**
South of Athletic Stands	SSHS-B275	4-5.5	7/17/2015	<0.36U	<0.44U	<0.61U	<0.45U	120J	43J	5.7J	<0.35U	<0.65U	**168.7**
South of Athletic Stands	SSHS-B276	2-4	7/29/2015	<0.039U	<0.047U	<0.066U	<0.048U	16J	3.2J	0.59J	<0.038U	<0.07U	19.79
South of Athletic Stands	SSHS-B276	4-6	7/29/2015	<0.2U	<0.24U	<0.34U	<0.25U	65J	7.4J	2.4J	<0.2U	<0.36U	**74.8**
South of Athletic Stands	SSHS-B276	6-8	7/29/2015	<0.19U	<0.24U	<0.33U	<0.24U	62J	9.4J	2.2J	<0.19U	<0.35U	**73.6**
South of Athletic Stands	SSHS-B277	2-4	7/29/2015	<0.0038U	<0.0046U	<0.0064U	<0.0047U	0.63J	0.15J	0.054J	<0.0037U	<0.0068U	0.834
South of Athletic Stands	SSHS-B277	4-6	7/29/2015	<0.0038U	<0.0047U	<0.0065U	<0.0047U	4.4J	1.3J	0.19J	<0.0038U	<0.0069U	5.89
South of Athletic Stands	SSHS-B277	6-8	7/29/2015	<0.075U	<0.092U	<0.13U	<0.093U	16J	3.5J	2.2J	<0.074U	<0.14U	21.7
South of Athletic Stands	SSHS-B278	2-4	7/16/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	2.3J	1.2J	0.14J	<0.0037U	<0.0068U	3.64
South of Athletic Stands	SSHS-B278	4-6	7/16/2015	<0.038U,F1	<0.046U	<0.064U	<0.047U	12J	11J	2.7J	<0.037U	<0.068U	25.7
South of Athletic Stands	SSHS-B278	6-8	7/16/2015	<0.073U	<0.09U	<0.12U	<0.091U	14J	12J	3.3J	<0.072U	<0.13U	29.3
South of Athletic Stands	SSHS-B278A	2-4	7/13/2017	<0.096U,F1	<0.094U	<0.072U	<0.14U	11	5.6	0.37	<0.055U	<0.13U	17.26
South of Athletic Stands	SSHS-B278A	8-10	7/29/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	4.4J	0.76J	0.15J	<0.0037U	<0.0067U	5.31
South of Athletic Stands	SSHS-B279	2-4	7/29/2015	<0.038U	<0.046U	<0.064U	<0.047U	4.3J	2J	1.7J	<0.037U	<0.069U	8

TABLE 5
Summary of PCB Results for Subsurface Soils
Former Sperry Remington Site - North Portion

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.0002	0.0002	0.00013	0.00006	0.00014	
Subsurface Soil Criteria													10
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Date Sampled**										
South of Athletic Stands	SSHS-B279	4-6	7/29/2015	<0.078U	<0.096U	<0.13U	<0.097U	27J	7.9J	6.8J	<0.077U	<0.14U	41.7
South of Athletic Stands	SSHS-B279	6-8	7/29/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	<0.0046U	0.023J	0.065J	<0.0037U	<0.0068U	0.088
South of Athletic Stands	SSHS-B280	2-4	7/16/2015	<0.0036U	<0.0044U	<0.0061U	<0.0045U	0.049J	0.045J	<0.0039U	<0.0036U	<0.0066U	0.094
South of Athletic Stands	SSHS-B280	4-6	7/16/2015	<0.77U	<0.95U	<1.3U	<0.95U	760J	150J	50J	<0.76U	<1.4U	**960**
South of Athletic Stands	SSHS-B280	6-8	7/16/2015	<0.0042U	<0.0052U	<0.0072U	<0.0053U	4.1J	2J	0.36J	<0.0042U	<0.0077U	6.46
South of Athletic Stands	SSHS-B281	2-4	7/17/2015	<0.004U	<0.0049U	<0.0068U	<0.005U	5.9J	3.1J	0.35J	<0.0039U	<0.0072U	9.35
South of Athletic Stands	SSHS-B281	4-6	7/17/2015	<0.04U	<0.049U	<0.067U	<0.049U	6.4J	11J	2.2J	<0.039U	<0.072U	19.6
South of Athletic Stands	SSHS-B281	6-8	7/17/2015	<0.0038U	<0.0047U	<0.0065U	<0.0048U	<0.0047U	0.25J	0.079J	<0.0038U	<0.007U	0.329
South of Athletic Stands	SSHS-B282	2-4	7/29/2015	<0.0038U	<0.0046U	<0.0064U	<0.0047U	1.9J	0.62J	0.12J	<0.0037U	<0.0068U	2.64
South of Athletic Stands	SSHS-B282	4-5	7/29/2015	<0.18U	<0.22U	<0.31U	<0.23U	61J	20J	2.1J	<0.18U	<0.33U	**83.1**
South of Athletic Stands	SSHS-B283	2-4	7/16/2015	<0.0039U	<0.0048U	<0.0067U	<0.0049U	0.64J	0.4J	0.058J	<0.0039U	<0.0071U	1.098
South of Athletic Stands	SSHS-B283	4-6	7/16/2015	<0.076U	<0.093U	<0.13U	<0.094U	19J	7.9J	1.4J	<0.075U	<0.14U	28.3
South of Athletic Stands	SSHS-B283	6-8	7/16/2015	<0.077U	<0.095U	<0.13U	<0.096U	31J	15J	1.6J	<0.076U	<0.14U	47.6
South of Athletic Stands	SSHS-B283A	8-10	7/29/2015	<0.076U	<0.093U	<0.13U	<0.094U	14J	6.6J	3.8J	<0.075U	<0.14U	24.4
South of Athletic Stands	SSHS-B284	2-4	7/29/2015	<0.0036U	<0.0045U	<0.0062U	<0.0045U	2.6J	0.88J	0.33J	<0.0036U	<0.0066U	3.81
South of Athletic Stands	SSHS-B284	4-6	7/29/2015	<0.037U	<0.045U	<0.063U	<0.046U	6.6J	2J	0.6J	<0.037U	<0.067U	9.2
South of Athletic Stands	SSHS-B284	6-8	7/29/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	2.3J	0.81J	0.4J	<0.0037U	<0.0068U	3.51
South of Athletic Stands	SSHS-B284A	4-6	7/10/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	2.6J	3J	0.72J	<0.0056U	<0.013U	6.35
South of Athletic Stands	SSHS-B284A	6-8	7/10/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	<0.0086U	<0.0079U	<0.012U	<0.0055U	<0.013U	<0.0869
South of Athletic Stands	SSHS-B327	2-4	3/3/2016	<0.0086U	<0.014U	<0.0047U	<0.007U	0.81J	0.28J	0.031J	<0.0035U	<0.0058U	1.121
South of Athletic Stands	SSHS-B327	4-6	3/3/2016	<0.0091U	<0.014U	<0.005U	<0.0074U	0.19J	0.059J	<0.0068U	<0.0037U	<0.0062U	0.249
South of Athletic Stands	SSHS-B331	2-4	3/3/2016	<0.0087U	<0.014U	<0.0047U	<0.007U	0.36J	0.2J	0.053J	<0.0035U	<0.0059U	0.613
South of Athletic Stands	SSHS-B331	4-6	3/3/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.62J	1.3J	0.6J	<0.0034U	<0.0057U	2.52
South of Athletic Stands	SSHS-B331	6-8	3/3/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	0.9J	1.8J	0.65J	<0.0036U	<0.006U	3.35
South of Athletic Stands	SSHS-B331	8-10	3/3/2016	<0.0086U	<0.014U	<0.0047U	<0.0069U	0.12J	0.13J	0.044J	<0.0035U	<0.0058U	0.294
South of Athletic Stands	SSHS-B332	4-6	3/3/2016	<0.0086U	<0.014U	<0.0047U	<0.0069U	0.25J	0.11J	0.021J	<0.0035U	<0.0058U	0.381
South of Athletic Stands	SSHS-B332	6-8	3/3/2016	<0.0085U	<0.013U	<0.0047U	<0.0069U	0.01J	<0.0069U	<0.0064U	<0.0035U	<0.0058U	0.01
South of Athletic Stands	SSHS-B332	8-10	3/3/2016	<0.0086U	<0.014U	<0.0047U	<0.007U	0.2J	0.095J	0.018J	<0.0035U	<0.0058U	0.313

TABLE 5
Summary of PCB Results for Subsurface Soils
Former Sperry Remington Site - North Portion

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.0002	0.0002	0.00013	0.00006	0.00014	
Subsurface Soil Criteria													10
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Date Sampled**										
South of Athletic Stands	SSHS-B333	2-4	3/3/2016	<0.009U	<0.014U	<0.0049U	<0.0072U	2.5J	1.8J	0.48J	<0.0037U	<0.0061U	4.78
South of Athletic Stands	SSHS-B333	4-6	3/3/2016	<0.18U	<0.28U	<0.098U	<0.14U	43J	16J	1.2J	<0.073U	<0.12U	**60.2**
South of Athletic Stands	SSHS-B333	6-8	3/3/2016	<0.86U	<1.4U	<0.47U	<0.7U	180J	52J	10J	<0.35U	<0.59U	**204.2**
South of Athletic Stands	SSHS-B333	8-10	3/3/2016	<0.44U	<0.7U	<0.24U	<0.36U	57J	19J	2J	<0.18U	<0.3U	**78**
South of Athletic Stands	SSHS-B335	2-4	3/3/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	5.1J	1.7J	0.36J	<0.0034U	<0.0056U	7.16
South of Athletic Stands	SSHS-B335	4-6	3/3/2016	<0.0091U	<0.014U	<0.005U	<0.0074U	0.61J	0.47J	0.16J	<0.0037U	<0.0062U	1.24
South of Athletic Stands	SSHS-B335	8-10	3/3/2016	<0.0089U,F1	<0.014U	<0.0049U	<0.0072U	2.3J	2.2J	0.38J	<0.0036U	<0.0061U	4.88
South of Athletic Stands	SSHS-B336	2-4	3/3/2016	<0.0089U	<0.014U	<0.0049U	<0.0072U	2J	0.94J	0.2J	<0.0036U	<0.006U	3.14
South of Athletic Stands	SSHS-B336	4-6	3/3/2016	<0.0091U	<0.014U	<0.005U	<0.0073U	0.19J	0.09J	0.018J	<0.0037U	<0.0062U	0.298
South of Athletic Stands	SSHS-B336	6-8	3/3/2016	<0.0087U	<0.014U	<0.0048U	<0.007U	0.031J	0.015J	<0.0065U	<0.0036U	<0.0059U	0.046
South of Athletic Stands	SSHS-B336	8-10	3/3/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	0.15J	0.064J	0.011J	<0.0036U	<0.006U	0.225
South of Athletic Stands	SSHS-B336A	2-4	7/10/2017	<0.048U	<0.047U	<0.036U	<0.073U	8.9J	4.3J	0.49J	<0.028U	<0.066U	13.84
South of Athletic Stands	SSHS-B341	8-10	3/3/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	4.8J	2.1J	0.24J	<0.0034U	<0.0057U	7.14
South of Athletic Stands	SSHS-B342	8-10	3/3/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	4.4J	1.3J	0.12J	<0.0036U	<0.0059U	5.82
South of Athletic Stands	SSHS-B344	4-6	3/3/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	2.6J	0.96J	0.14J	<0.0036U	<0.006U	3.7
South of Athletic Stands	SSHS-B344	6-8	3/3/2016	<0.0089U	<0.014U	<0.0049U	<0.0072U	0.013J	<0.0072U	<0.0066U	<0.0036U	<0.006U	0.013
South of Athletic Stands	SSHS-B344	8-10	3/3/2016	<0.0086U	<0.014U	<0.0047U	<0.0069U	1.3J	0.47J	0.069J	<0.0035U	<0.0058U	1.839
South of Athletic Stands	SSHS-B468	2-4	8/24/2016	<0.41U	<0.65U	<0.23U	<0.33U	82J	24J	3.7J	<0.17U	<0.28U	**110.7**
South of Athletic Stands	SSHS-B468	4-6	8/24/2016	<0.0086U,F1	<0.014U	<0.0047U	<0.0069U	2J	0.58J	0.087J	<0.0035U	<0.0058U	2.689
South of Athletic Stands	SSHS-B471	6-8	8/24/2016	<0.41U	<0.65U	<0.22U	<0.33U	43J	38J	3.2J	<0.17U	<0.28U	**85.23**
South of Athletic Stands	SSHS-B471	8-10	8/24/2016	<0.84U	<1.3U	<0.46U	<0.68U	<0.43U	320J	28J	<0.34U	<0.57U	**350.3**
South of Athletic Stands	SSHS-B472	8-10	8/24/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	0.41J	0.24J	0.033J	<0.0034U	<0.0056U	0.7038
South of Athletic Stands	SSHS-B474	8-10	8/24/2016	<0.82U	<1.3U	<0.45U	<0.66U	300J	67J	11J	<0.33U	<0.56U	**380.1**
South of Athletic Stands	SSHS-B474	10-12	8/24/2016	<0.0085U	<0.013U	<0.0047U	<0.0069U	1.5J	0.71J	0.088J	<0.0035U	<0.0058U	2.319
South of Athletic Stands	SSHS-B478	6-8	8/25/2016	<0.087U	<0.14U	<0.048U	<0.07U	21J	9.4J	1.1J	<0.036U	<0.059U	31.72
South of Athletic Stands	SSHS-B478	8-10	8/25/2016	<0.085U,F1	<0.13U	<0.047U	<0.069U	13J	7.7J	1.2J	<0.035U	<0.058U	22.11
South of Athletic Stands	SSHS-B478	10-12	8/25/2016	<0.0085U	<0.013U	<0.0046U	<0.0068U	0.43J	0.18J	0.072J	<0.0035U	<0.0057U	0.7031
South of Athletic Stands	SSHS-B478	12-14	8/25/2016	<0.0085U	<0.013U	<0.0047U	<0.0069U	7.8J	5J	0.67J	<0.0035U	<0.0058U	13.49

TABLE 5
Summary of PCB Results for Subsurface Soils
Former Sperry Remington Site - North Portion

				Polychlorinated Biphenyls									
				Arochlor 1016	**Arochlor 1221**	**Arochlor 1232**	**Arochlor 1242**	**Arochlor 1248**	**Arochlor 1254**	**Arochlor 1260**	**Arochlor 1268**	**Arochlor 1262**	**Total PCBs**
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.0002	0.0002	0.00013	0.00006	0.00014	
Subsurface Soil Criteria													10
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Date Sampled**										
South of Athletic Stands	SSHS-B482	10-12	8/24/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	1.4J	0.41J	0.15J	<0.0033U	<0.0055U	1.981
South of Athletic Stands	SSHS-B624	2-4	2/9/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	1.6J	0.68J	0.096J	<0.0056U	<0.013U	2.406
South of Athletic Stands	SSHS-B624	4-6	2/9/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	0.29J	0.16J	0.02J	<0.0058U	<0.014U	0.5011
South of Athletic Stands	SSHS-B624	6-8	2/9/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	0.013J	0.011J	<0.013U	<0.0058U	<0.014U	0.06155
South of Athletic Stands	SSHS-B624	8-10	2/9/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	1J	0.61J	0.091J	<0.0057U	<0.013U	1.731
South of Athletic Stands	SSHS-B624	10-12	2/9/2017	<0.011U	<0.011U	<0.008U	<0.016U	<0.0097U	<0.0089U	<0.014U	<0.0062U	<0.015U	<0.0998
South of Athletic Stands	SSHS-B624	12-14	2/9/2017	<0.0097U	<0.0094U	<0.0072U	<0.014U	0.37	0.13	0.032	<0.0055U	<0.013U	0.5614
South of Athletic Stands	SSHS-B624	14-16	2/9/2017	<0.0099U	<0.0096U	<0.0074U	<0.015U	<0.0089U	<0.0082U	<0.012U	<0.0057U	<0.013U	<0.0897
South of Athletic Stands	SSHS-B625	10-12	2/8/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	<0.0863
South of Athletic Stands	SSHS-B625	12-14	2/8/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	<0.0088U	<0.0081U	<0.012U	<0.0056U	<0.013U	<0.0891
South of Athletic Stands	SSHS-B625A	10-12	7/11/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	0.03	0.03	<0.012U	<0.0056U	<0.013U	0.09615
South of Athletic Stands	SSHS-B626	10-12	2/9/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	<0.0087U	<0.008U	0.032	<0.0055U	<0.013U	0.0697
South of Athletic Stands	SSHS-B626	12-14	2/9/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	1.1J	0.39J	0.08J	<0.0054U	<0.013U	1.599
South of Athletic Stands	SSHS-B627	12-14	2/8/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.3J	0.25J	0.11J	<0.0055U	<0.013U	0.6892
South of Athletic Stands	SSHS-B630	8-10	2/14/2017	<5.2U	<5.1U	<3.9U	<7.8U	1000J	250J	53J	<3U	<7.1U	**1303**
South of Athletic Stands	SSHS-B630	10-12	2/14/2017	<0.5U	<0.49U	<0.37U	<0.75U	46J	11J	2.2J	<0.29U	<0.67U	**59.2**
South of Athletic Stands	SSHS-B630	12-14	2/14/2017	<0.98U	<0.96U	<0.73U	<1.5U	180J	40J	8.7J	<0.56U	<1.3U	**228.7**
South of Athletic Stands	SSHS-B630	14-16	2/14/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.17	0.046	<0.012U	<0.0057U	<0.013U	0.2524
South of Athletic Stands	SSHS-B630A	14-16	7/12/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	1.7	0.45	0.051	<0.0055U	<0.013U	2.23
South of Athletic Stands	SSHS-B649	2-4	2/9/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	2.6J	0.88J	0.12J	<0.0058U	<0.014U	3.631
South of Athletic Stands	SSHS-B655	4-6	2/13/2017	<0.048U	<0.047U	<0.036U	<0.072U	5J	1.9J	0.36J	<0.028U	<0.065U	7.26
South of Athletic Stands	SSHS-B655	6-8	2/13/2017	<0.01U	<0.01U	<0.0077U	<0.016U	0.025	<0.0086U	<0.013U	<0.006U	<0.014U	0.025
South of Athletic Stands	SSHS-B655	8-10	2/13/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	4.1	2.4	0.57	<0.0057U	<0.013U	7.1
South of Athletic Stands	SSHS-B657	14-16	2/10/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.023J	0.022J	<0.012U	<0.0055U	<0.013U	0.045
South of Athletic Stands	SSHS-B657A	14-16	7/12/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	0.01J	0.0089J	<0.012U	<0.0056U	<0.013U	0.0549
South of Athletic Stands	SSHS-B666	8-10	2/13/2017	<0.0097U	<0.0094U	<0.0072U	<0.014U	1.2J	0.36J	0.067J	<0.0055U	<0.013U	1.627
South of Athletic Stands	SSHS-B667	10-12	2/10/2017	<0.1U	<0.1U	<0.078U	<0.16U	20J	8.1J	2J	<0.06U	<0.14U	30.1
South of Athletic Stands	SSHS-B667	12-14	2/10/2017	<0.011U	<0.011U	<0.0083U	<0.017U	6.6	1.9	0.36	<0.0064U	<0.015U	8.894

TABLE 5
Summary of PCB Results for Subsurface Soils
Former Sperry Remington Site - North Portion

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.0002	0.0002	0.00013	0.00006	0.00014	
Subsurface Soil Criteria													10
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Date Sampled**										
South of Athletic Stands	SSHS-B667	14-16	2/10/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.71	0.24	0.047	<0.0056U	<0.013U	1.027
South of Athletic Stands	SSHS-B668	10-12	2/9/2017	<0.96U	<0.94U	<0.72U	<1.4U	150J	55J	18J	<0.55U	<1.3U	**225.9**
South of Athletic Stands	SSHS-B668	12-14	2/9/2017	<0.49U	<0.48U	<0.37U	<0.74U	49	43	8.3	<0.28U	<0.66U	**101.8**
South of Athletic Stands	SSHS-B671	10-12	2/10/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	<0.009U	<0.0083U	<0.013U	<0.0058U	<0.014U	<0
South of Athletic Stands	SSHS-B671	14-16	2/10/2017	<0.0094U	<0.0091U	<0.007U	<0.014U	<0.0084U	<0.0077U	<0.012U	<0.0054U	<0.013U	<0
South of Athletic Stands	SSHS-B671A	10-12	7/10/2017	<0.01U	<0.01U	<0.0076U	<0.015U	<0.0092U	0.17J	0.11J	<0.0059U	<0.014U	0.3159
South of Athletic Stands	SSHS-B671A	14-16	7/12/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	0.014J	0.012J	<0.012U	<0.0056U	<0.013U	0.0621
South of Athletic Stands	SSHS-B683	10-12	3/22/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.2	<0.008U	<0.012U	<0.0055U	<0.013U	0.2394
South of Athletic Stands	SSHS-B683	12-14	3/22/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	0.52	0.27	0.097	<0.0056U	<0.013U	0.9172
South of Athletic Stands	SSHS-B684	10-12	3/22/2017	<0.98U	<0.96U	<0.73U	<1.5U	<0.88U	200	<1.2U	<0.56U	<1.3U	**204.1**
South of Athletic Stands	SSHS-B684	12-14	3/22/2017	<0.97U	<0.95U	<0.72U	<1.5U	<0.87U	410	<1.2U	<0.56U	<1.3U	**414**
South of Athletic Stands	SSHS-B685	10-12	3/23/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	<0.0089U	<0.0082U	<0.013U	<0.0057U	<0.013U	<0.0908
South of Athletic Stands	SSHS-B685	12-14	3/23/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.4	0.12	0.021	<0.0057U	<0.013U	0.5714
South of Athletic Stands	SSHS-B685	14-16	3/23/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	<0.0087U	<0.008U	<0.012U	<0.0056U	<0.013U	<0.0888
South of Athletic Stands	SSHS-B685A	14-16	7/12/2017	<0.01U	<0.01U	<0.0077U	<0.016U	4.8	2	0.24	<0.006U	<0.014U	7.072
South of Athletic Stands	SSHS-B686	10-12	3/22/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.021	<0.0079U	<0.012U	<0.0055U	<0.013U	0.06015
South of Athletic Stands	SSHS-B686	12-14	3/22/2017	<0.0093U,F2,F1	<0.009U	<0.0069U	<0.014U	0.56	0.15	0.027F2	<0.0053U	<0.013U	0.7658
South of Athletic Stands	SSHS-B686A	10-12	7/10/2017	<0.0099U	<0.0096U	<0.0074U	<0.015U	3.5J	1.3J	0.11J	<0.0057U	<0.013U	4.94
South of Athletic Stands	SSHS-B687	10-12	3/22/2017	<0.0095U	<0.0092U	<0.0071U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	<0.0865
South of Athletic Stands	SSHS-B70	2-6	8/14/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	3.9	<0.0026U	0.2	<0.0023U	<0.004U	4.1
South of Athletic Stands	SSHS-B70	6-10	8/14/2014	<0.14U	<0.18U	<0.16U	<0.15U	39	<0.13U	2.3	<0.12U	<0.2U	41.3
South of Athletic Stands	SSHS-B70	10-14	8/14/2014	<0.0028U	<0.0036U	<0.0032U	<0.003U	<0.0018U	3.3	<0.0026U	<0.0024U	<0.0041U	3.3
South of Athletic Stands	SSHS-B700	6-8	3/22/2017	<0.0092U	<0.0089U	<0.0068U	<0.014U	0.017	0.0084J	<0.012U	<0.0053U	<0.012U	0.0595
South of Athletic Stands	SSHS-B700	10-12	3/22/2017	<0.01U	<0.01U	<0.0076U	<0.015U	<0.0092U	<0.0084U	<0.013U	<0.0059U	<0.014U	<0.0931
South of Athletic Stands	SSHS-B700	12-14	3/22/2017	<0.01U	<0.01U	<0.0077U	<0.015U	0.34	0.11	0.032	<0.0059U	<0.014U	0.5133
South of Athletic Stands	SSHS-B706	10-12	3/22/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	0.048	0.022	0.024	<0.0056U	<0.013U	0.124
South of Athletic Stands	SSHS-B707	4-6	3/22/2017	<0.049U	<0.048U	<0.037U	<0.074U	8.3	2.7	0.49	<0.028U	<0.066U	11.64
South of Athletic Stands	SSHS-B707	10-12	3/22/2017	<0.0093U	<0.0091U	<0.007U	<0.014U	<0.0084U	<0.0077U	<0.012U	<0.0054U	<0.013U	<0.0859

TABLE 5
Summary of PCB Results for Subsurface Soils
Former Sperry Remington Site - North Portion

				Polychlorinated Biphenyls									
				Arochlor 1016	**Arochlor 1221**	**Arochlor 1232**	**Arochlor 1242**	**Arochlor 1248**	**Arochlor 1254**	**Arochlor 1260**	**Arochlor 1268**	**Arochlor 1262**	**Total PCBs**
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.0002	0.0002	0.00013	0.00006	0.00014	
Subsurface Soil Criteria													10
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Date Sampled**										
South of Athletic Stands	SSHS-B712	10-12	3/22/2017	<0.0097U	<0.0094U	<0.0072U	<0.014U	0.015J	0.0099J	<0.012U	<0.0056U	<0.013U	0.06035
South of Athletic Stands	SSHS-B712A	10-12	7/10/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	<0.0088U	1.2J	0.35J	<0.0056U	<0.013U	1.585
South of Athletic Stands	SSHS-B714	12-14	3/22/2017	<0.01U	<0.01U	<0.0077U	<0.015U	0.14	0.049	0.014J	<0.0059U	<0.014U	0.2343
South of Athletic Stands	SSHS-B715	8-10	3/22/2017	<0.01U	<0.01U	<0.0076U	<0.015U	2	0.5	0.091	<0.0059U	<0.014U	2.622
South of Athletic Stands	SSHS-B715	12-14	3/22/2017	<0.0099U	<0.0096U	<0.0074U	<0.015U	0.18	0.045	0.012J	<0.0057U	<0.013U	0.2673
South of Athletic Stands	SSHS-B717	14-16	3/23/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	<0.0088U	<0.0081U	<0.012U	<0.0056U	<0.013U	<0.0891
South of Athletic Stands	SSHS-B717A	14-16	7/12/2017	<0.01U	<0.0097U	<0.0074U	<0.015U	0.027	<0.0082U	<0.013U	<0.0057U	<0.013U	0.068
South of Athletic Stands	SSHS-B719	14-16	3/22/2017	<0.01U	<0.01U	<0.0076U	<0.015U	1.9	1.7	0.63	<0.0059U	<0.014U	4.261
South of Athletic Stands	SSHS-B724	10-12	4/12/2017	<0.01U	<0.0097U	<0.0074U	<0.015U	<0.009U	<0.0083U	<0.013U	<0.0057U	<0.013U	<0.0911
South of Athletic Stands	SSHS-B724	12-14	4/12/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.014J	<0.0079U	<0.012U	<0.0055U	<0.013U	0.0532
South of Athletic Stands	SSHS-B730	14-16	4/12/2017	<0.0092U	<0.009U	<0.0069U	<0.014U	<0.0083U	<0.0076U	<0.012U	<0.0053U	<0.012U	<0.0843
South of Athletic Stands	SSHS-B739	2-4	4/12/2017	<0.5U	<0.49U	<0.37U	<0.75U	77	36	4.4	<0.29U	<0.67U	**118.9**
South of Athletic Stands	SSHS-B739	4-6	4/12/2017	<0.01U	<0.01U	<0.0077U	<0.015U	2.7	1.1	0.15	<0.0059U	<0.014U	3.981
South of Athletic Stands	SSHS-B739	6-8	4/12/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	<0.0088U	<0.0081U	<0.012U	<0.0056U	<0.013U	<0.0892
South of Athletic Stands	SSHS-B741	8-10	4/12/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	3.2	1.1	0.25	<0.0056U	<0.013U	4.58
South of Athletic Stands	SSHS-B742	10-12	4/12/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	<0.0088U	<0.0081U	<0.012U	<0.0056U	<0.013U	<0.0892
South of Athletic Stands	SSHS-B742	12-14	4/12/2017	<0.01U	<0.01U	<0.0077U	<0.015U	3.1	0.84	0.13	<0.0059U	<0.014U	4.101
South of Athletic Stands	SSHS-B742A	10-12	7/13/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	0.022	0.0099J	<0.012U	<0.0054U	<0.013U	0.0669
South of Athletic Stands	SSHS-B782	2-4	5/16/2017	<1U	<1U	<0.78U	<1.6U	230	69	7.3	<0.6U	<1.4U	**309.5**
South of Athletic Stands	SSHS-B782A	2-4	7/12/2017	<0.49U	<0.48U	<0.37U	<0.74U	110	38	3.9	<0.28U	<0.67U	**153.4**
South of Athletic Stands	SSHS-B785	6-8	5/17/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	0.035J	0.0093J	<0.013U	<0.0058U	<0.014U	0.08185
South of Athletic Stands	SSHS-B786	6-8	5/17/2017	<0.01U	<0.01U	<0.0076U	<0.015U	0.34J	0.098J	<0.013U	<0.0059U	<0.014U	0.4758
South of Athletic Stands	SSHS-B787	8-10	5/15/2017	<0.0095U	<0.0092U	<0.0071U	<0.014U	0.62	0.25	0.037	<0.0054U	<0.013U	0.9361
South of Athletic Stands	SSHS-B790	2-4	5/17/2017	<10U	<9.9U	<7.6U	<15U	730J	240J	19J	<5.8U	<14U	**1020**
South of Athletic Stands	SSHS-B791	2-4	5/16/2017	<0.099U	<0.096U	<0.074U	<0.15U	41	11	1	<0.057U	<0.13U	**53.3**
South of Athletic Stands	SSHS-B791	4-6	5/16/2017	<0.1U	<0.098U	<0.075U	<0.15U	23	7.1	0.95	<0.057U	<0.14U	31.36
South of Athletic Stands	SSHS-B791	6-8	5/23/2017	<0.19U	<0.18U	<0.14U	<0.28U	24	6.6	0.53	<0.11U	<0.25U	31.71
South of Athletic Stands	SSHS-B794	2-4	5/16/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	2.8	2.3	0.53	<0.0057U	<0.014U	5.661

TABLE 5
Summary of PCB Results for Subsurface Soils
Former Sperry Remington Site - North Portion

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.0002	0.0002	0.00013	0.00006	0.00014	
Subsurface Soil Criteria													10
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Date Sampled**										
South of Athletic Stands	SSHS-B794	4-6	5/16/2017	<0.095U,F1	<0.093U	<0.071U	<0.14U	17	7.9	3F1	<0.054U	<0.13U	28.19
South of Athletic Stands	SSHS-B794	6-8	5/16/2017	<0.01U	<0.01U	<0.0076U	<0.015U	<0.0092U	0.78	0.41	<0.0059U	<0.014U	1.226
South of Athletic Stands	SSHS-B795	2-4	5/16/2017	<0.01U	<0.01U	<0.0076U	<0.015U	0.67	0.19	0.022	<0.0059U	<0.014U	0.9133
South of Athletic Stands	SSHS-B795	4-6	5/16/2017	<0.01U	<0.0099U	<0.0076U	<0.015U	0.28	0.072	<0.013U	<0.0059U	<0.014U	0.3897
South of Athletic Stands	SSHS-B795	6-8	5/16/2017	<0.01U	<0.01U	<0.0077U	<0.016U	<0.0093U	<0.0086U	<0.013U	<0.0059U	<0.014U	<0.0945
South of Athletic Stands	SSHS-B795	8-10	5/16/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.16	0.051	<0.013U	<0.0057U	<0.013U	0.2479
South of Athletic Stands	SSHS-B795A	2-4	7/12/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	0.91	0.38	0.046	<0.0056U	<0.013U	1.366
South of Athletic Stands	SSHS-B796	4-6	5/16/2017	<0.051U	<0.05U	<0.038U	<0.076U	10	3.6	0.42	<0.029U	<0.069U	14.18
South of Athletic Stands	SSHS-B796	6-8	5/16/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.11	0.073	0.016J	<0.0056U	<0.013U	0.2291
South of Athletic Stands	SSHS-B797	4-6	5/16/2017	<0.1U	<0.097U	<0.074U	<0.15U	6.5	4	0.95	<0.057U	<0.13U	11.75
South of Athletic Stands	SSHS-B797	6-8	5/16/2017	<0.99U	<0.97U	<0.74U	<1.5U	52	79	23	<0.57U	<1.3U	**157**
South of Athletic Stands	SSHS-B800	2-4	5/17/2017	<0.19U	<0.19U	<0.14U	<0.28U	34J	10J	1.2J	<0.11U	<0.26U	45.79
South of Athletic Stands	SSHS-B800	4-6	5/17/2017	<4.9U	<4.8U	<3.6U	<7.3U	540J	140J	15J	<2.8U	<6.6U	**710**
South of Athletic Stands	SSHS-B800	6-8	5/17/2017	<10U	<10U	<7.7U	<15U	2700J	630J	79J	<5.9U	<14U	**3440**
South of Athletic Stands	SSHS-B800	8-10	5/17/2017	<10U	<10U	<7.7U	<15U	850J	200J	25J	<5.9U	<14U	**1106**
South of Athletic Stands	SSHS-B800	10-12	5/17/2017	<0.51U	<0.5U	<0.38U	<0.76U	71	18	2.3	<0.29U	<0.69U	**92.87**
South of Athletic Stands	SSHS-B800	12-14	5/17/2017	<0.96U	<0.94U	<0.72U	<1.4U	170J	41J	5.1J	<0.55U	<1.3U	**219**
South of Athletic Stands	SSHS-B800	14-16	5/17/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.16	0.046	<0.012U	<0.0054U	<0.013U	0.2412
South of Athletic Stands	SSHS-B808	4-6	5/16/2017	<0.1U	<0.1U	<0.077U	<0.15U	15	10	1.1	<0.059U	<0.14U	26.41
South of Athletic Stands	SSHS-B820	4-6	5/23/2017	<0.01U	<0.0098U	<0.0075U	<0.015U	0.49	0.25	0.034	<0.0058U	<0.014U	0.8051
South of Athletic Stands	SSHS-B820	6-8	5/23/2017	<0.01U	<0.01U	<0.0077U	<0.015U	<0.0093U	<0.0085U	<0.013U	<0.0059U	<0.014U	<0.0934
South of Athletic Stands	SSHS-SS12-A	2-3	7/22/2014	<0.0067U	<0.0086U	<0.0078U	<0.0074U	8.2J	3.3J	<0.0064U	<0.0058U	<0.0099U	11.5
South of Athletic Stands	SSHS-SS12-B	2-3	7/22/2014	<0.034U	<0.043U	<0.039U	<0.037U	20J	12J	<0.032U	<0.029U	<0.05U	32
South of Athletic Stands	SSHS-SS12-C	2-3	7/22/2014	<0.067U	<0.086U	<0.077U	<0.073U	100J	29J	<0.064U	<0.058U	<0.098U	**129**
South of Athletic Stands	SSHS-SS12-CA	4-6	7/17/2015	<0.02U	<0.024U	<0.034U	<0.025U	8.6J	3.3J	0.58J	<0.02U	<0.036U	12.48
South of Athletic Stands	SSHS-SS12-CA	6-8	7/17/2015	<0.004U	<0.0049U	<0.0067U	<0.0049U	<0.0049U	<0.0046U	<0.0043U	<0.0039U	<0.0072U	<0
Tennis Court	SSHS-B14	5-6	5/10/2000	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	-	-	<0
Tennis Court	SSHS-B36	0.5-2.5	9/12/2000	<0.035U	<0.035U	<0.035U	<0.035U	0.28D	<0.035U	0.1	-	-	0.38

TABLE 5
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Former Sperry Remington Site - North Portion

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.0002	0.0002	0.00013	0.00006	0.00014	
Subsurface Soil Criteria													10
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Date Sampled**										
Tennis Court	SSHS-B37	0.5-2.5	9/12/2000	<0.034U	<0.034U	<0.034U	<0.034U	<0.034U	<0.034U	<0.034U	-	-	<0
Tennis Court	SSHS-B37	8-10	9/12/2000	<0.035U	<0.035U	<0.035U	<0.035U	0.046	<0.035U	0.035	-	-	0.081
Tennis Court	SSHS-B38	1-4.5	9/12/2000	<0.037U	<0.037U	<0.037U	<0.037U	0.74D	<0.037U	0.13	-	-	0.87
Tennis Court	SSHS-B577	2-4	2/10/2017	<0.0096U	<0.0094U	<0.0071U	<0.014U	0.73J	0.42J	0.15J	<0.0055U	<0.013U	1.3
Tennis Court	SSHS-B578	2-4	2/15/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	0.4J	0.53J	0.25J	<0.0056U	<0.013U	1.21
Tennis Court	SSHS-B579	2-4	2/15/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	<0.0087U	<0.008U	<0.012U	<0.0056U	<0.013U	<0.0887
Tennis Court	SSHS-B580	2-4	2/10/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	0.43J	0.18J	0.087J	<0.0056U	<0.013U	0.697
Tennis Court	SSHS-B581	2-4	2/14/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	0.086J	0.046J	<0.012U	<0.0054U	<0.013U	0.132
Tennis Court	SSHS-B582	2-4	2/14/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.24J	0.12J	0.047J	<0.0055U	<0.013U	0.407
Tennis Court	SSHS-B583	2-4	2/14/2017	<0.0095U	<0.0092U	<0.0071U	<0.014U	0.053J	0.045J	0.024J	<0.0054U	<0.013U	0.122
Tennis Court	SSHS-B584	2-4	2/14/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	1.7J	0.69J	0.35J	<0.0054U	<0.013U	2.74
Tennis Court	SSHS-B585	2-4	2/10/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.13	0.068	0.033	<0.0056U	<0.013U	0.231
Tennis Court	SSHS-B586	2-4	2/10/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.46	0.16	0.079	<0.0055U	<0.013U	0.7282
Tennis Court	SSHS-B586	4-6	2/10/2017	<0.0093U	<0.0091U	<0.0069U	<0.014U	0.07	0.025	<0.012U	<0.0053U	<0.013U	0.1298
Tennis Court	SSHS-B590	4-6	2/15/2017	<0.01U	<0.0099U	<0.0076U	<0.015U	<0.0091U	<0.0084U	<0.013U	<0.0058U	<0.014U	<0.0928
Tennis Court	SSHS-B594	2-4	2/15/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.36	0.24	0.12	<0.0056U	<0.013U	0.7501
Tennis Court	SSHS-B664	2-4	2/15/2017	<0.01U	<0.0097U	<0.0074U	<0.015U	0.25J	0.21J	0.061J	<0.0057U	<0.013U	0.5514
Tennis Court	SSHS-B674	2-4	3/21/2017	<0.01U	<0.0099U	<0.0075U	<0.015U	<0.0091U	0.17	0.071	<0.0058U	<0.014U	0.2767
Tennis Court	SSHS-B677	2-4	3/21/2017	<0.0099U	<0.0096U	<0.0074U	<0.015U	<0.0089U	<0.0081U	<0.012U	<0.0057U	<0.013U	<0.0896
Tennis Court	SSHS-B71	2.5-4.5	8/15/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
Tennis Court	SSHS-B71	6-9.5	8/15/2014	<0.0026U	<0.0033U	<0.003U	<0.0028U	<0.0016U	<0.0025U	<0.0025U	<0.0022U	<0.0038U	<0
Tennis Court	SSHS-B72	3-5	8/15/2014	<0.0026U	<0.0033U	<0.003U	<0.0028U	<0.0016U	<0.0025U	<0.0025U	<0.0022U	<0.0038U	<0
Tennis Court	SSHS-B72	6-10	8/15/2014	<0.003U	<0.0038U	<0.0034U	<0.0032U	<0.0019U	<0.0028U	<0.0028U	<0.0026U	<0.0044U	<0
Tennis Court	SSHS-B72	11.5-13.5	8/15/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
Tennis Court	SSHS-B747	2-4	5/22/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	<0.0086U	0.39	<0.012U	<0.0055U	<0.013U	0.4297
Tennis Court	SSHS-B748	2-4	5/22/2017	<0.01U	<0.0099U	<0.0076U	<0.015U	0.25	0.26	0.046	<0.0058U	<0.014U	0.5872
Tennis Court	SSHS-B75	2-6	8/14/2014	<0.0028U	<0.0036U	<0.0032U	<0.003U	0.13	<0.0026U	<0.017J	<0.0024U	<0.0041U	0.13
Tennis Court	SSHS-B75	6-10	8/14/2014	<0.0027U	<0.0035U	<0.0031U	<0.0029U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0

TABLE 5
Summary of PCB Results for Subsurface Soils
Former Sperry Remington Site - North Portion

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.0002	0.0002	0.00013	0.00006	0.00014	
Subsurface Soil Criteria													10
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Date Sampled**										
Tennis Court	SSHS-B75	10-15	8/14/2014	<0.0026U	<0.0033U	<0.003U	<0.0028U	<0.0016U	<0.0025U	<0.0025U	<0.0022U	<0.0038U	<0
Tennis Court	SSHS-B750	2-4	5/22/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	<0.0089U	0.36	<0.012U	<0.0057U	<0.013U	0.4008
Tennis Court	SSHS-B751	2-4	5/22/2017	<0.01U	<0.01U	<0.0076U	<0.015U	0.12	0.073	0.023	<0.0059U	<0.014U	0.2473
Tennis Court	SSHS-B752	2-4	5/22/2017	<0.0095U	<0.0092U	<0.0071U	<0.014U	<0.0085U	0.01J	<0.012U	<0.0054U	<0.013U	0.04935
Tennis Court	SSHS-B753	2-4	5/23/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	1.3	0.78	0.22	<0.0055U	<0.013U	2.329
Tennis Court	SSHS-B754	2-4	5/23/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	1.3	0.79	0.23	<0.0056U	<0.013U	2.35
Tennis Court	SSHS-B755	2-4	5/23/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	0.97	0.62	0.18	<0.0056U	<0.013U	1.8
Tennis Court	SSHS-B756	2-4	5/22/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.2	0.15	0.049	<0.0055U	<0.013U	0.4282
Tennis Court	SSHS-B757	2-4	5/22/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	<0.0863
Tennis Court	SSHS-B758	2-4	5/22/2017	<0.0091U	<0.0089U	<0.0068U	<0.014U	0.46	0.47	0.13	<0.0052U	<0.012U	1.088
Tennis Court	SSHS-B76	2-6	8/14/2014	<0.0028U	<0.0036U	<0.0032U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
Tennis Court	SSHS-B76	6-10	8/14/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0038U	<0
Tennis Court	SSHS-B76	10-15	8/14/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
Tennis Court	SSHS-B760	2-4	5/23/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	0.22	0.15	0.049	<0.0054U	<0.013U	0.448
Tennis Court	SSHS-B761	2-4	5/22/2017	<0.0097U	<0.0094U	<0.0072U	<0.014U	0.014J	<0.008U	<0.012U	<0.0055U	<0.013U	0.0534
Tennis Court	SSHS-B762	2-4	5/23/2017	<0.0093U	<0.0091U	<0.0069U	<0.014U	0.52	0.43	0.16	<0.0053U	<0.013U	1.139
Tennis Court	SSHS-B763	2-4	5/23/2017	<0.0093U	<0.0091U	<0.007U	<0.014U	<0.0084U	<0.0077U	<0.012U	<0.0054U	<0.013U	<0.0859
Tennis Court	SSHS-B765	2-4	5/22/2017	<0.0097U	<0.0094U	<0.0072U	<0.014U	<0.0087U	<0.008U	<0.012U	<0.0055U	<0.013U	<0.0875
Tennis Court	SSHS-B766	2-4	5/22/2017	<0.01U	<0.01U	<0.0077U	<0.015U	<0.0092U	0.29	0.1	<0.0059U	<0.014U	0.4259
Tennis Court	SSHS-B768	2-4	5/22/2017	<0.01U	<0.01U	<0.0076U	<0.015U	0.058	0.2	0.028	<0.0059U	<0.014U	0.3173
Tennis Court	SSHS-B77	2-6	8/14/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
Tennis Court	SSHS-B77	6-10	8/14/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0038U	<0
Tennis Court	SSHS-B77	10-15	8/14/2014	<0.0026U	<0.0033U	<0.003U	<0.0028U	<0.0017U	<0.0025U	<0.0025U	<0.0022U	<0.0038U	<0
Tennis Court	SSHS-B771	2-4	5/22/2017	<0.0093U	<0.0091U	<0.007U	<0.014U	<0.0084U	0.09	0.012J	<0.0054U	<0.013U	0.1351

TABLE 5
Summary of PCB Results for Subsurface Soils
Former Sperry Remington Site - North Portion

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0001	0.0001	0.000078	0.00016	0.0002	0.0002	0.00013	0.00006	0.00014	
Subsurface Soil Criteria													10
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Date Sampled**										
Tennis Court	SSHS-B772	2-4	5/22/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.051	0.11	0.027	<0.0055U	<0.013U	0.2172
Tennis Court	SSHS-B773	2-4	5/22/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	<0.0087U	0.088	0.026	<0.0055U	<0.013U	0.1477
Tennis Court	SSHS-B777	2-4	5/23/2017	<0.0099U	<0.0096U	<0.0074U	<0.015U	<0.0089U	<0.0082U	<0.012U	<0.0057U	<0.013U	<0.0897
Tennis Court	SSHS-B778	2-4	5/22/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	<0.0086U	0.0098J	<0.012U	<0.0055U	<0.013U	0.0493
Tennis Court	SSHS-B781	2-4	5/23/2017	<0.0094U	<0.0091U	<0.007U	<0.014U	1.4	0.89	0.24	<0.0054U	<0.013U	2.559
Tennis Court	SSHS-B819	2-4	5/23/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	<0.0089U	<0.0082U	<0.012U	<0.0057U	<0.013U	<0.0898
Tennis Court	SSHS-B819	4-6	5/23/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	<0.0086U	<0.0079U	<0.012U	<0.0055U	<0.013U	<0.0869
Tennis Court	SSHS-B819	6-8	5/23/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0084U	<0.0077U	<0.012U	<0.0054U	<0.013U	<0.0861
Tennis Court	SSHS-B819	8-10	5/23/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	<0.0086U	<0.0079U	<0.012U	<0.0055U	<0.013U	<0.0869
Tennis Court	SSHS-B819	10-12	5/23/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	<0.0863
Tennis Court	SSHS-B819	12-14	5/23/2017	<0.0091U	<0.0089U	<0.0068U	<0.014U	<0.0082U	0.027	<0.012U	<0.0053U	<0.012U	0.06515
Tennis Court	SSHS-B819	14-16	5/23/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0084U	<0.0078U	<0.012U	<0.0054U	<0.013U	<0.0862
Tennis Court	SSHS-B821	2-4	5/23/2017	<0.0093U	<0.0091U	<0.0069U	<0.014U	<0.0084U	<0.0077U	<0.012U	<0.0053U	<0.013U	<0.0857
Tennis Court	SSHS-B821	4-6	5/23/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	<0.0087U	<0.008U	<0.012U	<0.0056U	<0.013U	<0.0887
Tennis Court	SSHS-B821	6-8	5/23/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	<0.0863
Tennis Court	SSHS-B821	8-10	5/23/2017	<0.0091U	<0.0089U	<0.0068U	<0.014U	<0.0082U	<0.0075U	<0.011U	<0.0052U	<0.012U	<0.0827
Tennis Court	SSHS-B821	10-12	5/23/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	<0.0863
Tennis Court	SSHS-B821	12-14	5/23/2017	<0.0093U	<0.0091U	<0.007U	<0.014U	<0.0084U	<0.0077U	<0.012U	<0.0054U	<0.013U	<0.0859
Tennis Court	SSHS-B821	14-16	5/23/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	<0.0866

Notes:
J - estimated value
U - non-detect
mg/kg - milligram per kilogram
ft bgs - feet below ground surface
PCBs - polychlorinated biphenyls
Concentrations detected above the soil cleanup criteria for PCBs (below 2 ft bgs) of 10 mg/kg are presented in grey
PCB concentrations detected above New York State hazardous waste threshold (6 NYCRR Part 371.4 (e)) are presented in dark grey

TABLE 6
Summary of PCB Results for Subsurface Soils near Water Table
Former Sperry Remington Site - North Portion

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0026	0.0033	0.003	0.0028	0.0016	0.0025	0.0025	0.0022	0.0038	
GW Protection Soil Criteria													3.2
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Date Sampled**										
A-Wing	SSHS-B630A	14-16	7/12/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	1.7	0.45	0.051	<0.0055U	<0.013U	2.23
A-Wing	SSHS-B631	14-16	2/16/2017	<0.0091U	<0.0089U	<0.0068U	<0.014U	<0.0082U	<0.0075U	<0.011U	<0.0052U	<0.012U	<0.0827
A-Wing	SSHS-B647	14-16	2/16/2017	<0.047U	<0.046U	<0.035U	<0.07U	11J	2.8J	0.53J	<0.027U	<0.064U	14.47
A-Wing	SSHS-B658	14-16	2/16/2017	<0.009U	<0.0088U	<0.0067U	<0.013U	0.017J	0.011J	<0.011U	<0.0052U	<0.012U	0.06085
A-Wing	SSHS-B659	14-16	2/16/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.0094J	0.0094J	<0.012U	<0.0054U	<0.013U	0.05395
A-Wing	SSHS-B670	14-16	2/14/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	0.067J	0.03J	<0.012U	<0.0056U	<0.013U	0.097
A-Wing	SSHS-B723	16-18	4/13/2017	<0.096U	<0.093U	<0.071U	<0.14U	11	4.7	1	<0.055U	<0.13U	16.99
A-Wing	SSHS-B723	18-20	4/13/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	0.19	0.06	0.013J	<0.0056U	<0.013U	0.293
A-Wing	SSHS-B792	14-16	5/16/2017	<0.01U	<0.0097U	<0.0074U	<0.015U	0.23	0.093	0.019	<0.0057U	<0.013U	0.3724
A-Wing	SSHS-B803	14-16	5/16/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	0.011J	<0.008U	<0.012U	<0.0056U	<0.013U	0.051
A-Wing	SSHS-B803A	14-16	7/12/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.067	0.019	<0.012U	<0.0055U	<0.013U	0.1214
A-Wing	SSHS-B804	14-16	5/16/2017	<0.0098U	<0.0096U	<0.0073U	<0.015U	2.3	0.93	0.11	<0.0056U	<0.013U	3.37
A-Wing	SSHS-B804A	14-16	7/12/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.15	0.061	<0.012U	<0.0055U	<0.013U	0.2463
Football Field SW	SSHS-B621	14-16	2/13/2017	<0.0099U	<0.0096U	<0.0074U	<0.015U	0.029	0.027	<0.012U	<0.0057U	<0.013U	0.0923
Football Field SW	SSHS-B644	14-16	2/9/2017	<0.092U	<0.089U	<0.068U	<0.14U	16	6.1	0.74	<0.053U	<0.12U	23.12
Football Field SW	SSHS-B645	14-16	2/13/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.046	0.032	<0.012U	<0.0055U	<0.013U	0.1133
Football Field SW	SSHS-B646	14-16	2/13/2017	<0.0095U	<0.0093U	<0.0071U	0.96	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	0.9963
Football Field SW	SSHS-B650	14-16	2/14/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	<0.0086U	<0.0079U	<0.012U	<0.0055U	<0.013U	<0.087
Football Field SW	SSHS-B651	14-16	2/14/2017	<0.009U	<0.0088U	<0.0067U	<0.014U	<0.0081U	<0.0075U	<0.011U	<0.0052U	<0.012U	<0.0823
Football Field SW	SSHS-B652	14-16	2/14/2017	<0.0092U	<0.0089U	<0.0068U	<0.014U	0.33	0.12	<0.012U	<0.0053U	<0.012U	0.4841
Football Field SW	SSHS-B653	14-16	2/14/2017	<0.0093U	<0.0091U	<0.0069U	<0.014U	0.28	0.074	<0.012U	<0.0053U	<0.013U	0.3888
Football Field SW	SSHS-B669	14-16	2/13/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.22	0.11	0.015J	<0.0055U	<0.013U	0.3742
Main Parking Lot	SSHS-B679	14-16	3/21/2017	<0.01U,F1	<0.0099U	<0.0076U	<0.015U	1.1	0.3	0.056	<0.0058U	<0.014U	1.487
Main Parking Lot	SSHS-B680	14-16	3/20/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	<0.0863
Main Parking Lot	SSHS-B681	14-16	3/20/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	<0.0088U	<0.0081U	<0.012U	<0.0056U	<0.013U	<0.0891
Main Parking Lot	SSHS-B697	14-16	3/21/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.023	<0.0082U	<0.013U	<0.0057U	<0.013U	0.06395
Main Parking Lot	SSHS-B698	14-16	3/20/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	<0.0863

TABLE 6
Summary of PCB Results for Subsurface Soils near Water Table
Former Sperry Remington Site - North Portion

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0026	0.0033	0.003	0.0028	0.0016	0.0025	0.0025	0.0022	0.0038	
GW Protection Soil Criteria													3.2
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Date Sampled**										
Main Parking Lot	SSHS-B699	14-16	3/21/2017	<0.0093U	<0.0091U	<0.007U	<0.014U	0.0091J	<0.0077U	<0.012U	<0.0054U	<0.013U	0.04785
Main Parking Lot	SSHS-B716	14-16	3/20/2017	<0.0095U	<0.0092U	<0.0071U	<0.014U	0.23	0.12	0.019	<0.0054U	<0.013U	0.3981
Main Parking Lot	SSHS-B718	14-16	3/21/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	0.0096J	<0.0078U	<0.012U	<0.0054U	<0.013U	0.0485
Main Parking Lot	SSHS-B718A	14-16	7/12/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.012J	<0.0079U	<0.012U	<0.0055U	<0.013U	0.05115
Main Parking Lot	SSHS-B73	10-15	8/13/2014	<0.0028U	<0.0035U	<0.0032U	<0.003U	0.077	<0.0026U	0.024	<0.0024U	<0.0041U	0.101
Main Parking Lot	SSHS-B74	10-15	8/13/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
Main Parking Lot	SSHS-B78	10-15	8/14/2014	<0.0026U	<0.0033U	<0.003U	<0.0028U	<0.0017U	<0.0025U	<0.0025U	<0.0022U	<0.0038U	<0
Main Parking Lot	SSHS-B79	10-15	8/14/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
Main Parking Lot	SSHS-B799	14-16	5/17/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.033	0.014J	<0.012U	<0.0055U	<0.013U	0.0822
Main Parking Lot	SSHS-B80	10-14.5	8/14/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	<0.0017U	<0.0026U	<0.0025U	<0.0023U	<0.0039U	<0
Main Parking Lot	SSHS-B803A	14-16	7/12/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.067	0.019	<0.012U	<0.0055U	<0.013U	0.1214
Main Parking Lot	SSHS-B804A	14-16	7/12/2017	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.15	0.061	<0.012U	<0.0055U	<0.013U	0.2463
Main Parking Lot	SSHS-B82	10-15	8/13/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
Main Parking Lot	SSHS-B83	10-14.5	8/13/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
Main Parking Lot	SSHS-B85	10-15	8/13/2014	<0.0028U	<0.0037U	<0.0033U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0025U	<0.0042U	<0
Main Parking Lot	SSHS-B86	10-15	8/13/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
Main Parking Lot	SSHS-B87	10-15	8/14/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
Main Parking Lot	SSHS-B88	10-15	8/13/2014	<0.0028U	<0.0036U	<0.0033U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0025U	<0.0042U	<0
Main Parking Lot	SSHS-B89	10-15	8/13/2014	<0.0028U	<0.0036U	<0.0032U	<0.003U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
Main Parking Lot	SSHS-B90	10-15	8/13/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.0039U	<0
Main Parking Lot	SSHS-B91	10-15	8/13/2014	<0.0028U	<0.0036U	<0.0032U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
South of Athletic Stands	SSHS-B624	14-16	2/9/2017	<0.0099U	<0.0096U	<0.0074U	<0.015U	<0.0089U	<0.0082U	<0.012U	<0.0057U	<0.013U	<0.0897
South of Athletic Stands	SSHS-B630	14-16	2/14/2017	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.17	0.046	<0.012U	<0.0057U	<0.013U	0.2524

TABLE 6
Summary of PCB Results for Subsurface Soils near Water Table
Former Sperry Remington Site - North Portion

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.0026	0.0033	0.003	0.0028	0.0016	0.0025	0.0025	0.0022	0.0038	
GW Protection Soil Criteria													3.2
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Date Sampled**										
South of Athletic Stands	SSHS-B630A	14-16	7/12/2017	<0.0096U	<0.0094U	<0.0072U	<0.014U	1.7	0.45	0.051	<0.0055U	<0.013U	2.23
South of Athletic Stands	SSHS-B657	14-16	2/10/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.023J	0.022J	<0.012U	<0.0055U	<0.013U	0.045
South of Athletic Stands	SSHS-B657A	14-16	7/12/2017	<0.0097U	<0.0095U	<0.0072U	<0.015U	0.01J	0.0089J	<0.012U	<0.0056U	<0.013U	0.0549
South of Athletic Stands	SSHS-B667	14-16	2/10/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.71	0.24	0.047	<0.0056U	<0.013U	1.027
South of Athletic Stands	SSHS-B671	14-16	2/10/2017	<0.0094U	<0.0091U	<0.007U	<0.014U	<0.0084U	<0.0077U	<0.012U	<0.0054U	<0.013U	<0
South of Athletic Stands	SSHS-B671A	14-16	7/12/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	0.014J	0.012J	<0.012U	<0.0056U	<0.013U	0.0621
South of Athletic Stands	SSHS-B685	14-16	3/23/2017	<0.0097U	<0.0095U	<0.0073U	<0.015U	<0.0087U	<0.008U	<0.012U	<0.0056U	<0.013U	<0.0888
South of Athletic Stands	SSHS-B685A	14-16	7/12/2017	<0.01U	<0.01U	<0.0077U	<0.016U	4.8	2	0.24	<0.006U	<0.014U	7.072
South of Athletic Stands	SSHS-B717	14-16	3/23/2017	<0.0098U	<0.0095U	<0.0073U	<0.015U	<0.0088U	<0.0081U	<0.012U	<0.0056U	<0.013U	<0.0891
South of Athletic Stands	SSHS-B717A	14-16	7/12/2017	<0.01U	<0.0097U	<0.0074U	<0.015U	0.027	<0.0082U	<0.013U	<0.0057U	<0.013U	0.068
South of Athletic Stands	SSHS-B719	14-16	3/22/2017	<0.01U	<0.01U	<0.0076U	<0.015U	1.9	1.7	0.63	<0.0059U	<0.014U	4.261
South of Athletic Stands	SSHS-B730	14-16	4/12/2017	<0.0092U	<0.009U	<0.0069U	<0.014U	<0.0083U	<0.0076U	<0.012U	<0.0053U	<0.012U	<0.0843
South of Athletic Stands	SSHS-B800	14-16	5/17/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.16	0.046	<0.012U	<0.0054U	<0.013U	0.2412
Tennis Court	SSHS-B75	10-15	8/14/2014	<0.0026U	<0.0033U	<0.003U	<0.0028U	<0.0016U	<0.0025U	<0.0025U	<0.0022U	<0.0038U	<0
Tennis Court	SSHS-B76	10-15	8/14/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
Tennis Court	SSHS-B77	10-15	8/14/2014	<0.0026U	<0.0033U	<0.003U	<0.0028U	<0.0017U	<0.0025U	<0.0025U	<0.0022U	<0.0038U	<0
Tennis Court	SSHS-B819	14-16	5/23/2017	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0084U	<0.0078U	<0.012U	<0.0054U	<0.013U	<0.0862
Tennis Court	SSHS-B821	14-16	5/23/2017	<0.0095U	<0.0093U	<0.0071U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	<0.0866

Notes:
J - estimated value
U - non-detect
mg/kg - milligram per kilogram
ft bgs - feet below ground surface
PCBs - polychlorinated biphenyls
Concentrations detected above the protection of groundwater soil cleanup criteria for PCBs 3.2 mg/kg (6 NYCRR Part 375) are presented in grey.
PCB concentrations detected above New York State hazardous waste threshold (6 NYCRR Part 371.4 (e)) are presented in dark grey

Data from Interim Remedial Measures #2 Work Plan (Geosyntec, 2018b)

TABLE 2
PCB Results for Surface and Shallow Subsurface Soil
Former Sperry Remington Site - North
Elmira, New York

	Polychlorinated Biphenyls									
	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.0013	0.0017	0.0011	0.0014	0.00082	0.0012	0.0012	0.00082	0.0014	
Restricted - Residential										1
NYS Hazardous Material										50

Investigation Area	Location	Depth Range (ft bgs)	Sample Date									
Rear Parking Lot	SSHS-B100	0.17-2	8/15/2014	<0.028U	<0.035U	<0.032U	<0.03U	13	<0.026U	0.89	<0.024U	<0.041U	13.89
Rear Parking Lot	SSHS-B101	0.17-2	8/14/2014	<0.027U	<0.034U	<0.031U	<0.029U	13	<0.026U	0.75	<0.023U	<0.039U	13.75
Rear Parking Lot	SSHS-B102	0-2	8/3/2015	<0.0035U	<0.0043U	<0.006U	<0.0044U	2.3J	1.5J	0.22J	<0.0035U	<0.0064U	4.02
Rear Parking Lot	SSHS-B103	0-2	7/22/2015	<0.039U	<0.048U	<0.066U	<0.048U	29J	9.5J	1.2J	<0.039U	<0.071U	39.7
Rear Parking Lot	SSHS-B104	0-2	7/22/2015	<0.2U	<0.24U	<0.33U	<0.24U	66J	24J	2.6J	<0.19U	<0.36U	92.6
Rear Parking Lot	SSHS-B105	0-2	7/22/2015	<0.079U	<0.097U	<0.13U	<0.098U	27J	10J	1.3J	<0.078U	<0.14U	38.3
Rear Parking Lot	SSHS-B106	0-2	7/22/2015	<0.043U	<0.052U	<0.072U	<0.053U	9.5J	3.4J	0.55J	<0.042U	<0.077U	13.45
Rear Parking Lot	SSHS-B1063	0-2	6/19/2018	<0.0029U	<0.0029U	<0.0029U	<0.0029U	0.0081J	<0.0029U	<0.0029U	<0.0029U	<0.0029U	0.0197
Rear Parking Lot	SSHS-B1064	0-2	6/23/2018	<0.0029U	<0.0029U	<0.0029U	<0.0029U	<0.0029U	<0.0029U	<0.0029U	<0.0029U	<0.0029U	<0.0261
Rear Parking Lot	SSHS-B1067	0-2	6/26/2018	<0.016U	<0.016U	<0.016U	<0.016U	0.65	0.38	0.078J	<0.016U	<0.016U	1.156
Rear Parking Lot	SSHS-B1068	0-2	6/24/2018	<1.7U	<1.7U	<1.7U	<1.7U	65	22	2.9J	<1.7U	<1.7U	95
Rear Parking Lot	SSHS-B1069	0-2	6/26/2018	<0.0029U	<0.0029U	<0.0029U	<0.0029U	0.018	0.0086J	<0.0029U	<0.0029U	<0.0029U	0.03675
Rear Parking Lot	SSHS-B107	0-2	7/22/2015	<0.004U	<0.005U	<0.0068U	<0.005U	3.9J	1.4J	0.17J	<0.004U	<0.0073U	5.47
Rear Parking Lot	SSHS-B1070	0-2	6/24/2018	<0.029U	<0.029U	<0.029U	<0.029U	1.4	0.59	0.1J	<0.029U	<0.029U	2.177
Rear Parking Lot	SSHS-B1071	0-2	6/23/2018	<0.0028U	<0.0028U	<0.0028U	<0.0028U	<0.0028U	<0.0028U	<0.0028U	<0.0028U	<0.0028U	<0.0252
Rear Parking Lot	SSHS-B1075	0-2	6/23/2018	<0.058U	<0.058U	<0.058U	<0.058U	4.3	1.5	0.17J	<0.058U	<0.058U	6.144
Rear Parking Lot	SSHS-B108	0-2	7/22/2015	<0.0041U	<0.005U	<0.0069U	<0.0051U	0.71J	0.34J	0.085J	<0.004U	<0.0074U	1.135
Rear Parking Lot	SSHS-B109	0-2	7/21/2015	<0.0036U	<0.0044U	<0.0061U	<0.0045U	2.2J	0.79J	0.096J	<0.0036U	<0.0066U	3.086
Rear Parking Lot	SSHS-B110	0-2	7/21/2015	<0.0035U	<0.0043U	<0.0059U	<0.0043U	0.22J	0.067J	0.0087J	<0.0035U	<0.0063U	0.2957
Rear Parking Lot	SSHS-B111	0-2	7/21/2015	<0.0034U	<0.0042U	<0.0058U	<0.0043U	0.068J	0.019J	0.0049J	<0.0034U	<0.0062U	0.0919
Rear Parking Lot	SSHS-B112	0-2	7/22/2015	<0.0035U	<0.0043U	<0.006U	<0.0044U	0.0083J	<0.0041U	<0.0038U	<0.0035U	<0.0064U	0.0083
Rear Parking Lot	SSHS-B114	0-2	7/31/2015	<0.072U	<0.088U	<0.12U	<0.089U	12J	5J	1.2J	<0.071U	<0.13U	18.2
Rear Parking Lot	SSHS-B115	0-2	7/21/2015	<0.0036U	<0.0044U	<0.0061U	<0.0044U	4.2J	1.7J	0.21J	<0.0035U	<0.0065U	6.11
Rear Parking Lot	SSHS-B116	0-2	7/20/2015	<0.0036U	<0.0044U	<0.006U	<0.0044U	2.2J	0.85J	0.1J	<0.0035U	<0.0065U	3.15
Rear Parking Lot	SSHS-B117	0-2	7/20/2015	<0.075U	<0.093U	<0.13U	<0.093U	31J	9.9J	1.6J	<0.074U	<0.14U	42.5
Rear Parking Lot	SSHS-B118	0-2	7/20/2015	<0.37U	<0.45U	<0.62U	<0.45U	170J	65J	8J	<0.36U	<0.66U	243
Rear Parking Lot	SSHS-B1186	0-2	6/16/2018	<0.0032U	<0.0032U	<0.0032U	<0.0032U	0.059	<0.0032U	<0.0032U	<0.0032U	<0.0032U	0.0718
Rear Parking Lot	SSHS-B1189	0-2	6/16/2018	<0.0032U	<0.0032U	<0.0032U	<0.0032U	0.012J	<0.0032U	<0.0032U	<0.0032U	<0.0032U	0.0248
Rear Parking Lot	SSHS-B119	0-2	7/21/2015	<0.071U	<0.087U	<0.12U	<0.088U	30J	11J	1J	<0.07U	<0.13U	42
Rear Parking Lot	SSHS-B1190	0-2	6/19/2018	<0.15U	<0.15U	<0.15U	<0.15U	6.7	<0.15U	<0.15U	<0.15U	<0.15U	7.3
Rear Parking Lot	SSHS-B1191	0-2	6/19/2018	<0.89U	<0.89U	<0.89U	<0.89U	26	<0.89U	<0.89U	<0.89U	<0.89U	29.56
Rear Parking Lot	SSHS-B1192	0-2	6/26/2018	<0.059U	<0.059U	<0.059U	<0.059U	2.6	0.96	0.16J	<0.059U	<0.059U	3.897
Rear Parking Lot	SSHS-B1193	0-2	6/25/2018	<0.012U	<0.012U	<0.012U	<0.012U	0.44	0.19	0.024J	<0.012U	<0.012U	0.69
Rear Parking Lot	SSHS-B1194	0-2	6/23/2018	<0.029U,F1	<0.029U	<0.029U	<0.029U	2	0.75	0.086J	<0.029U	<0.029U	2.923
Rear Parking Lot	SSHS-B1195	0-2	6/26/2018	<0.7U	<0.7U	<0.7U	<0.7U	26	9.5	1.7J	<0.7U	<0.7U	39.3
Rear Parking Lot	SSHS-B1196	0-2	6/16/2018	<0.0032U	<0.0032U	<0.0032U	<0.0032U	0.0079J	<0.0032U	<0.0032U	<0.0032U	<0.0032U	0.0207
Rear Parking Lot	SSHS-B120	0-2	7/21/2015	<0.18U	<0.22U	<0.31U	<0.23U	48J	17J	2.8J	<0.18U	<0.33U	67.8
Rear Parking Lot	SSHS-B121	0-2	7/24/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	2.9J	0.98J	0.11J	<0.0037U	<0.0067U	3.99
Rear Parking Lot	SSHS-B122	0-2	7/22/2015	<0.0035U	<0.0043U	<0.006U	<0.0044U	0.02J	0.0047J	<0.0038U	<0.0035U	<0.0064U	0.0247
Rear Parking Lot	SSHS-B123	0-2	8/3/2015	<0.0035U	<0.0043U	<0.0059U	<0.0043U	0.044J	0.0099J	<0.0037U	<0.0034U	<0.0063U	0.0539
Rear Parking Lot	SSHS-B124	0-2	8/3/2015	<0.0035U	<0.0043U	<0.0059U	<0.0043U	1.2J	0.65J	0.043J	<0.0035U	<0.0063U	1.893
Rear Parking Lot	SSHS-B125	0-2	7/31/2015	<0.0035U	<0.0044U	<0.006U	<0.0044U	0.24J	0.096J	0.014J	<0.0035U	<0.0064U	0.35
Rear Parking Lot	SSHS-B126	0-2	7/31/2015	<0.037U	<0.045U	<0.062U	<0.045U	6.6J	2.8J	0.51J	<0.036U	<0.066U	9.91
Rear Parking Lot	SSHS-B127	0-2	7/31/2015	<0.035U	<0.043U	<0.06U	<0.044U	11J	5J	0.78J	<0.035U	<0.064U	16.78
Rear Parking Lot	SSHS-B129	0-2	7/31/2015	<0.19U	<0.23U	<0.31U	<0.23U	66J	25J	3.8J	<0.18U	<0.34U	94.8
Rear Parking Lot	SSHS-B130	0-2	7/21/2015	<0.036U	<0.045U	<0.062U	<0.045U	18J	6J	0.96J	<0.036U	<0.066U	24.96
Rear Parking Lot	SSHS-B131	0-2	7/24/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	0.65J	0.25J	0.043J	<0.0037U	<0.0067U	0.943
Rear Parking Lot	SSHS-B132	0-2	7/22/2015	<0.0036U	<0.0044U	<0.0061U	<0.0044U	0.56J	0.22J	0.033J	<0.0035U	<0.0065U	0.813
Rear Parking Lot	SSHS-B133	0-2	8/3/2015	<0.0037U	<0.0045U	<0.0062U	<0.0045U	0.44J	0.24J	0.042J	<0.0036U	<0.0066U	0.722
Rear Parking Lot	SSHS-B139	0-2	8/3/2015	<0.0035U	<0.0043U	<0.0059U	<0.0043U	3.6J	1.9J	0.15J	<0.0034U	<0.0063U	5.65
Rear Parking Lot	SSHS-B140	0-2	7/31/2015	<0.0036U	<0.0044U	<0.0061U	<0.0045U	1.4J	0.64J	0.14J	<0.0035U	<0.0065U	2.18
Rear Parking Lot	SSHS-B141	0-2	7/21/2015	<0.0035U	<0.0043U	<0.0059U	<0.0043U	1.4J	0.61J	0.053J	<0.0035U	<0.0063U	2.063
Rear Parking Lot	SSHS-B142	0-2	7/21/2015	<0.073U	<0.089U	<0.12U	<0.09U	15J	6.1J	0.81J	<0.072U	<0.13U	21.91
Rear Parking Lot	SSHS-B143	0-1	7/21/2015	<0.0034U	<0.0042U	<0.0058U	<0.0043U	0.54J	0.2J	0.027J	<0.0034U	<0.0062U	0.767
Rear Parking Lot	SSHS-B144	0-2	7/21/2015	<0.18U	<0.22U	<0.31U	<0.22U	66J	21J	4J	<0.18U	<0.33U	91
Rear Parking Lot	SSHS-B145	0-2	7/24/2015	<0.0036U	<0.0045U	<0.0062U	<0.0045U	2.1J	0.89J	0.11J	<0.0036U	<0.0066U	3.1
Rear Parking Lot	SSHS-B146	0-2	7/22/2015	<0.0035U	<0.0043U	<0.0059U	<0.0043U	0.0075J	<0.0041U	<0.0038U	<0.0035U	<0.0063U	0.0075
Rear Parking Lot	SSHS-B147	0-2	7/23/2015	<0.0036U	<0.0045U	<0.0062U	<0.0045U	0.66J	0.24J	0.031J	<0.0036U	<0.0066U	0.931
Rear Parking Lot	SSHS-B148	0-2	8/3/2015	<0.0034U	<0.0042U	<0.0058U	<0.0043U	<0.0042U	<0.004U	<0.0037U	<0.0034U	<0.0062U	<0
Rear Parking Lot	SSHS-B149	0-2	7/21/2015	<0.0036U	<0.0044U	<0.0061U	<0.0044U	0.17J	0.097J	0.015J	<0.0035U	<0.0065U	0.282
Rear Parking Lot	SSHS-B156	0-2	8/3/2015	<0.072U	<0.088U	<0.12U	<0.089U	11J	4.9J	0.53J	<0.071U	<0.13U	16.43
Rear Parking Lot	SSHS-B157	0-2	7/31/2015	<0.018U	<0.022U	<0.03U	<0.022U	9.8J	4.4J	0.73J	<0.018U	<0.032U	14.93
Rear Parking Lot	SSHS-B158	0-2	7/21/2015	<0.0035U	<0.0043U	<0.0059U	<0.0043U	0.29J	0.12J	0.029J	<0.0034U	<0.0063U	0.439
Rear Parking Lot	SSHS-B159	0-2	8/3/2015	<0.36U	<0.44U	<0.61U	<0.45U	82J	22J	2.2J	<0.36U	<0.65U	106.2
Rear Parking Lot	SSHS-B160	0-1.5	7/21/2015	<0.069U	<0.085U	<0.12U	<0.086U	15J	7.4J	0.91J	<0.068U	<0.13U	23.31
Rear Parking Lot	SSHS-B161	0-2	8/3/2015	<0.071U	<0.087U	<0.12U	<0.088U	15J	6.3J	0.58J	<0.07U	<0.13U	21.88
Rear Parking Lot	SSHS-B162	0-2	8/3/2015	<0.0035U	<0.0042U	<0.0059U	<0.0043U	1J	0.38J	0.021J	<0.0034U	<0.0063U	1.401
Rear Parking Lot	SSHS-B163	0-2	8/3/2015	<0.0036U	<0.0044U	<0.0061U	<0.0045U	3J	1.4J	0.14J	<0.0036U	<0.0065U	4.54
Rear Parking Lot	SSHS-B23	0-0.25	5/9/2000	<0.039U	<0.039U	<0.039U	<0.039U	0.79D	<0.039U	0.1	-	-	0.89
Rear Parking Lot	SSHS-B23	1-4	5/9/2000	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	-	-	<0
Rear Parking Lot	SSHS-B24	0-0.25	5/9/2000	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	-	-	<0
Rear Parking Lot	SSHS-B24	1-4	5/9/2000	<0.038U	<0.038U	<0.038U	<0.038U	0.7D	<0.038U	0.14	-	-	0.84
Rear Parking Lot	SSHS-B295	0-0.17	7/24/2015	<0.0036U	<0.0044U	<0.0061U	<0.0045U	0.014J	0.019J	0.0097J	<0.0036U	<0.0065U	0.0427
Rear Parking Lot	SSHS-B296	0-0.17	7/21/2015	<0.0038U	<0.0046U	<0.0064U	<0.0047U	0.014J	0.0093J	<0.004U	<0.0037U	<0.0068U	0.0233
Rear Parking Lot	SSHS-B299	0-2	7/24/2015	<0.0037U	<0.0045U	<0.0062U	<0.0046U	<0.0045U	<0.0043U	<0.004U	<0.0036U	<0.0067U	<0
Rear Parking Lot	SSHS-B35	0-0.25	5/9/2000	<0.041U	<0.041U	<0.041U	<0.041U	0.33	<0.041U	0.097	-	-	0.427
Rear Parking Lot	SSHS-B367	0-2	3/8/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	<0.0042U	0.16J	0.065J	<0.0034U	<0.0056U	0.225
Rear Parking Lot	SSHS-B368	0-2	3/8/2016	<0.17U	<0.27U	<0.092U	<0.14U	32J	14J	1.6J	<0.069U	<0.11U	47.6
Rear Parking Lot	SSHS-B371	0-2	3/8/2016	<0.081U	<0.13U	<0.044U	<0.065U	56J	13J	2.4J	<0.033U	<0.055U	71.4
Rear Parking Lot	SSHS-B372	0-2	3/8/2016	<0.081U	<0.13U	<0.044U	<0.065U	20J	4.4J	1.1J	<0.033U	<0.055U	25.5
Rear Parking Lot	SSHS-B374	0-2	3/10/2016	<0.0077U	<0.012U	<0.0042U	<0.0062U	0.013J	<0.0062U	<0.0058U	<0.0031U	<0.0052U	0.013
Rear Parking Lot	SSHS-B375	0-2	3/8/2016	<0.0077U	<0.012U	<0.0042U	<0.0062U	<0.0039U	<0.0062U	<0.0057U	<0.0031U	<0.0052U	<0
Rear Parking Lot	SSHS-B380	0-2	3/7/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	0.88J	0.47J	0.071J	<0.0034U	<0.0056U	1.421
Rear Parking Lot	SSHS-B381	0-2	3/9/2016	<0.008U	<0.013U	<0.0044U	<0.0064U	0.28J	0.12J	0.028J	<0.0033U	<0.0054U	0.428
Rear Parking Lot	SSHS-B382	0-2	3/9/2016	<0.0091U	<0.014U	<0.005U	<0.0073U	0.0094J	0.011J	<0.0068U	<0.0037U	<0.0062U	0.0204
Rear Parking Lot	SSHS-B383	0-2	3/10/2016	<0.0096U	<0.015U	<0.0052U	<0.0077U	0.058J	0.035J	0.011J	<0.0039U	<0.0065U	0.104
Rear Parking Lot	SSHS-B386	0-2	3/8/2016	<0.008U	<0.013U	<0.0044U	<0.0064U	2.2J	1J	0.2J	<0.0033U	<0.0054U	3.4
Rear Parking Lot	SSHS-B387	0-2	3/8/2016	<0.082U	<0.13U	<0.045U	<0.066U	14J	3.9J	0.85J	<0.033U	<0.055U	18.75
Rear Parking Lot	SSHS-B518	0-2	9/16/2016	<0.44U	<0.7U	<0.24U	<0.36U	14J	5J	1J	<0.18U	<0.3U	21.11
Rear Parking Lot	SSHS-B519	0-2	9/22/2016	<0.041U	<0.065U	<0.022U	<0.033U	13J	4.7J	0.6J	<0.017U	<0.028U	18.4
Rear Parking Lot	SSHS-B520	0-2	9/22/2016	<0.084U	<0.13U	<0.046U	<0.068U	19J	5.2J	0.57J	<0.034U	<0.057U	24.98
Rear Parking Lot	SSHS-B521	0-2	9/2/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	0.12J	0.079J	0.012J	<0.0033U	<0.0056U	0.2316
Rear Parking Lot	SSHS-B522	0-2	9/16/2016	<0.008U	<0.013U	<0.0044U	<0.0065U	1.4J	0.51J	0.084J	<0.0033U	<0.0054U	2.014
Rear Parking Lot	SSHS-B523	0-2	9/23/2016	<0.0079U	<0.013U	<0.0043U	<0.0064U	0.052J	0.022J	0.011J	<0.0032U	<0.0054U	0.1051

TABLE 2
PCB Results for Surface and Shallow Subsurface Soil
Former Sperry Remington Site - North
Elmira, New York

	Polychlorinated Biphenyls									
	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.0013	0.0017	0.0011	0.0014	0.00082	0.0012	0.0012	0.00082	0.0014	
Restricted - Residential										1
NYS Hazardous Material										50

Investigation Area	Location	Depth Range (ft bgs)	Sample Date									
Rear Parking Lot	SSHS-B524	0-2	9/23/2016	<0.008U	<0.013U	<0.0044U	<0.0065U	0.32J	0.085J	0.014J	<0.0033U	<0.0054U	0.4393
Rear Parking Lot	SSHS-B525	0-2	9/16/2016	<0.0079U	<0.013U	<0.0043U	<0.0064U	0.027J	0.0085J	<0.0059U	<0.0032U	<0.0054U	0.05855
Rear Parking Lot	SSHS-B526	0-2	9/16/2016	<0.0079U	<0.013U	<0.0043U	<0.0064U	3.6J	0.97J	0.25J	<0.0032U	<0.0054U	4.84
Rear Parking Lot	SSHS-B527	0-2	9/16/2016	<0.41U	<0.65U	<0.22U	<0.33U	36J	11J	2.2J	<0.17U	<0.28U	50.23
Rear Parking Lot	SSHS-B528	0-2	9/16/2016	<0.08U	<0.13U	<0.044U	<0.065U	8J	2.5J	0.45J	<0.033U	<0.054U	11.15
Rear Parking Lot	SSHS-B529	0-2	9/16/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	4J	1.2J	0.24J	<0.0033U	<0.0055U	5.461
Rear Parking Lot	SSHS-B531	0-2	9/16/2016	<0.008U	<0.013U	<0.0044U	<0.0064U	0.15J	0.065J	0.019J	<0.0033U	<0.0054U	0.2543
Rear Parking Lot	SSHS-B557	0-2	9/7/2016	<0.0041U	<0.0064U	<0.0022U	<0.0033U	1.1J	0.72J	0.13J	<0.0017U	<0.0028U	1.96
Rear Parking Lot	SSHS-B558	0-2	9/7/2016	<0.002U	<0.0032U	<0.0011U	<0.0016U	0.55J	0.27J	0.04J	<0.00083U	<0.0014U	0.8651
Rear Parking Lot	SSHS-B559	0-2	9/7/2016	<0.002U	<0.0032U	<0.0011U	<0.0016U	1.3J	0.9J	0.18J	<0.00082U	<0.0014U	2.385
Rear Parking Lot	SSHS-B560	0-2	9/7/2016	<0.004U	<0.0064U	<0.0022U	<0.0033U	1.4J	0.85J	0.15J	<0.0016U	<0.0027U	2.41
Rear Parking Lot	SSHS-B561	0-0.17	9/2/2016	<0.0094U	<0.015U	<0.0052U	<0.0076U	2.2J	1J	0.15J	<0.0039U	<0.0064U	3.374
Rear Parking Lot	SSHS-B562	0-0.17	9/2/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.054J	0.047J	<0.0063U	<0.0034U	<0.0057U	0.1251
Rear Parking Lot	SSHS-B563	0-0.17	9/2/2016	<0.0091U	<0.014U	<0.005U	<0.0073U	0.043J	0.043J	<0.0068U	<0.0037U	<0.0061U	0.112
Rear Parking Lot	SSHS-B564	0-0.17	9/2/2016	<0.0098U	<0.015U	<0.0054U	<0.0079U	3.3J	2.1J	0.3J	<0.004U	<0.0066U	5.724
Rear Parking Lot	SSHS-B565	0-0.17	9/2/2016	<0.01U	<0.016U	<0.0057U	<0.0084U	2.6J	1.7J	0.28J	<0.0042U	<0.007U	4.606
Rear Parking Lot	SSHS-B566	0-0.17	9/2/2016	<0.0099U	<0.016U	<0.0054U	<0.008U	3.6J	2.2J	0.35J	<0.004U	<0.0067U	6.175
Rear Parking Lot	SSHS-B567	0-2	9/2/2016	<0.041U	<0.065U	<0.023U	<0.033U	7.7J	3.1J	0.41J	<0.017U	<0.028U	11.31
Rear Parking Lot	SSHS-B597	0-0.17	2/16/2017	<0.012U	<0.012U	<0.0089U	<0.018U	0.011J	0.011J	<0.015U	<0.0069U	<0.016U	0.0664
Rear Parking Lot	SSHS-B598	0-0.17	2/10/2017	<0.012U	<0.012U	<0.009U	<0.018U	0.062	0.047	0.018J	<0.0069U	<0.016U	0.127
Rear Parking Lot	SSHS-B599	0-0.17	2/10/2017	<0.011U	<0.011U	<0.0082U	<0.016U	0.3J	0.29J	0.077J	<0.0063U	<0.015U	0.667
Rear Parking Lot	SSHS-B600	0-0.17	2/10/2017	<0.019U	<0.018U	<0.014U	<0.028U	0.14J	0.12J	0.033J	<0.011U	<0.025U	0.293
Rear Parking Lot	SSHS-B64	0.17-2	8/14/2014	<0.0026U	<0.0033U	<0.003U	<0.0029U	1.9	<0.0025U	0.1	<0.0023U	<0.0038U	2
Rear Parking Lot	SSHS-B65	0.17-2	8/14/2014	<0.026U	<0.033U	<0.03U	<0.028U	10	<0.025U	0.5	<0.022U	<0.038U	10.5
Rear Parking Lot	SSHS-B66	0.17-2	8/14/2014	<0.051U	<0.066U	<0.059U	<0.056U	24	<0.049U	1.1	<0.044U	<0.075U	25.1
Rear Parking Lot	SSHS-B67	0.17-2	8/14/2014	<0.54U	<0.69U	<0.62U	<0.59U	260	<0.52U	12	<0.47U	<0.8U	272
Rear Parking Lot	SSHS-B68	0.17-2	8/14/2014	<0.26U	<0.34U	<0.3U	<0.29U	100	<0.25U	4.9	<0.23U	<0.39U	104.9
Rear Parking Lot	SSHS-B69	0.17-2	8/14/2014	<0.0027U	<0.0034U	<0.0031U	<0.0029U	0.52	<0.0026U	0.051	<0.0023U	<0.0039U	0.571
Rear Parking Lot	SSHS-B828	0-2	1/14/2018	<0.006U	<0.012U	<0.011U	<0.011U	2.8J	0.89J	0.24J	<0.0089U	<0.013U	3.961
Rear Parking Lot	SSHS-B829	0-2	1/10/2018	<0.0055U	<0.011U	<0.01U	<0.01U	<0.013U	<0.012U	<0.0048U	<0.0082U	<0.012U	<0.0865
Rear Parking Lot	SSHS-B830	0-2	1/11/2018	<0.29U	<0.59U	<0.54U	<0.54U	36J	9.9J	2.2J	<0.44U	<0.63U	49.62
Rear Parking Lot	SSHS-B831	0-2	1/10/2018	<0.0057U	<0.011U	<0.01U	<0.01U	0.37J	0.12J	0.027J	<0.0085U	<0.012U	0.5456
Rear Parking Lot	SSHS-B832	0-2	1/10/2018	<0.0059U	<0.012U	<0.011U	<0.011U	<0.014U	<0.012U	<0.0051U	<0.0088U	<0.013U	<0.0928
Rear Parking Lot	SSHS-B833	0-2	1/8/2018	<0.0057U	<0.011U	<0.01U	<0.01U	0.73J	0.34J	0.066J	<0.0085U	<0.012U	1.165
Rear Parking Lot	SSHS-B834	0-2	1/12/2018	<0.29U	<0.58U	<0.53U	<0.54U	55J	21J	3.6J	<0.43U	<0.63U	81.1
Rear Parking Lot	SSHS-B835	0-2	1/9/2018	<0.0057U	<0.011U	<0.01U	<0.01U	5.1J	1.7J	0.36J	<0.0085U	<0.012U	7.189
Rear Parking Lot	SSHS-B836	0-2	1/12/2018	<0.29U	<0.58U	<0.53U	<0.53U	130J	61J	13J	<0.43U	<0.63U	205.5
Rear Parking Lot	SSHS-B837	0-2	1/20/2018	<0.24U	<0.47U	<0.43U	<0.44U	12J	4.9J	0.6J	<0.35U	<0.51U	18.72
Rear Parking Lot	SSHS-B838	0-2	1/9/2018	<0.0056U	<0.011U	<0.01U	<0.01U	0.064J	0.027J	<0.0049U	<0.0084U	<0.012U	0.122
Rear Parking Lot	SSHS-B839	0-2	1/18/2018	<0.029U	<0.059U	<0.054U	<0.054U	13J	3.7J	0.81J	<0.044U	<0.063U	17.66
Rear Parking Lot	SSHS-B840	0-2	1/20/2018	<0.057U	<0.11U	<0.1U	<0.1U	29J	9.2J	1.2J	<0.084U	<0.12U	39.69
Rear Parking Lot	SSHS-B841	0-2	1/20/2018	<0.059U	<0.12U	<0.11U	<0.11U	21J	7.1J	0.93J	<0.089U	<0.13U	29.34
Rear Parking Lot	SSHS-B847	0-2	1/20/2018	<0.12U	<0.24U	<0.22U	<0.22U	16J	6.4J	0.85J	<0.18U	<0.26U	23.87
Rear Parking Lot	SSHS-B850	0-2	1/18/2018	<0.0057U	<0.011U	<0.01U	<0.01U	0.25J	0.099J	0.017J	<0.0085U	<0.012U	0.3946
Rear Parking Lot	SSHS-B851	0-2	1/18/2018	<0.061U	<0.12U	<0.11U	<0.11U	8.9J	3.1J	0.34J	<0.091U	<0.13U	12.65
Rear Parking Lot	SSHS-B852	0-2	1/19/2018	<0.058U	<0.12U	<0.11U	<0.11U	3.9J	1.5J	0.19J	<0.087U	<0.13U	5.898
Rear Parking Lot	SSHS-B853	0-2	1/8/2018	<0.0057U	<0.011U	<0.01U	<0.011U	1.4J	0.5J	0.11J	<0.0085U	<0.012U	2.039
Rear Parking Lot	SSHS-B854	0-2	1/9/2018	<0.0055U	<0.011U	<0.0099U	<0.01U	<0.013U	<0.011U	<0.0048U	<0.0081U	<0.012U	<0.0853
Rear Parking Lot	SSHS-B855	0-2	1/10/2018	<0.057U	<0.11U	<0.1U	<0.11U	10J	3.6J	0.74J	<0.085U	<0.12U	14.63
Rear Parking Lot	SSHS-B856	0-2	1/17/2018	<0.0058U	<0.012U	<0.011U	<0.011U	0.057J	0.019J	<0.0051U	<0.0087U	<0.013U	0.1093
Rear Parking Lot	SSHS-B857	0-2	1/20/2018	<0.0058U	<0.011U	<0.01U	<0.011U	0.11J	0.045J	0.0089J	<0.0086U	<0.012U	0.1931
Rear Parking Lot	SSHS-B858	0-2	1/14/2018	<0.006U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0052U	<0.0089U	<0.013U	<0.0951
Rear Parking Lot	SSHS-B859	0-2	1/14/2018	<0.006U	<0.012U	<0.011U	<0.011U	0.15J	0.05J	0.011J	<0.009U	<0.013U	0.242
Rear Parking Lot	SSHS-B860	0-2	1/14/2018	<0.0058U	<0.012U	<0.011U	<0.011U	<0.014U	<0.012U	<0.0051U	<0.0087U	<0.013U	<0.0926
Rear Parking Lot	SSHS-B861	0-2	1/11/2018	<0.006U	<0.012U	<0.011U	<0.011U	0.023p	<0.013U	<0.0052U	<0.0089U	<0.013U	0.06305
Rear Parking Lot	SSHS-B864	0-2	1/9/2018	<0.0058U	<0.012U	<0.011U	<0.011U	<0.014U	<0.012U	<0.0051U	<0.0086U	<0.012U	<0.0915
Rear Parking Lot	SSHS-B877	0-2	1/18/2018	<0.0057U	<0.011U	<0.01U	<0.01U	1.4J	0.49J	0.081J	<0.0085U	<0.012U	2
Rear Parking Lot	SSHS-B880	0-2	1/22/2018	<0.069U	<0.14U	<0.13U	<0.13U	24J	9.5J	2.3J	<0.1U	<0.15U	36.16
Rear Parking Lot	SSHS-B881	0-2	1/22/2018	<0.074U	<0.15U	<0.13U	<0.14U	26J	9.6J	2.4J	<0.11U	<0.16U	38.38
Rear Parking Lot	SSHS-B886	0-2	1/19/2018	<0.12U	<0.24U	<0.22U	<0.22U	76J	24J	2.8J	<0.18U	<0.26U	103.4
Rear Parking Lot	SSHS-B888	0-2	1/22/2018	<0.061U	<0.12U	<0.11U	<0.11U	10J	3.9J	0.62J	<0.091U	<0.13U	14.83
Rear Parking Lot	SSHS-B889	0-2	1/12/2018	<0.12U	<0.24U	<0.22U	<0.22U	49J	22J	4.3J	<0.18U	<0.26U	75.92
Rear Parking Lot	SSHS-B891	0-2	1/19/2018	<0.059U	<0.12U	<0.11U	<0.11U	40J	13J	1.5J	<0.088U	<0.13U	54.81
Rear Parking Lot	SSHS-B892	0-2	1/17/2018	<0.06U	<0.12U	<0.11U	<0.11U	15J	6J	1.1J	<0.089U	<0.13U	22.41
Rear Parking Lot	SSHS-B893	0-2	1/19/2018	<0.06U	<0.12U	<0.11U	<0.11U	23J	7.6J	0.9J	<0.09U	<0.13U	31.81
Rear Parking Lot	SSHS-B899	0-2	1/8/2018	<0.0066U	<0.013U	<0.012U	<0.012U	3.4J	1.5J	0.28J	<0.0098U	<0.014U	5.214
Rear Parking Lot	SSHS-B900	0-2	1/14/2018	<0.033U	<0.066U	<0.06U	<0.061U	6J	2.7J	0.47J	<0.049U	<0.071U	9.34
Rear Parking Lot	SSHS-B901	0-2	1/11/2018	<0.0068U	<0.013U	<0.012U	<0.012U	0.72J	0.4J	0.14J	<0.01U	<0.015U	1.294
Rear Parking Lot	SSHS-B902	0-2	1/10/2018	<0.0067U	<0.013U	<0.012U	<0.012U	0.17J	0.12J	0.063J	<0.01U	<0.015U	0.3874
Rear Parking Lot	SSHS-B903	0-2	1/12/2018	<0.0067U	<0.013U	<0.012U	<0.012U	0.22J	0.11J	0.042J	<0.01U	<0.015U	0.4064
Rear Parking Lot	SSHS-B904	0-2	1/9/2018	<0.057U	<0.11U	<0.1U	<0.11U	21J	6.6J	1.4J	<0.086U	<0.12U	29.29
Rear Parking Lot	SSHS-B905	0-2	1/17/2018	<0.029U	<0.059U	<0.054U	<0.054U	8J	2.4J	0.49J	<0.044U	<0.064U	11.04
Rear Parking Lot	SSHS-B908	0-2	1/22/2018	<0.07U	<0.14U	<0.13U	<0.13U	3.6J	2J	0.37J	<0.1U	<0.15U	6.33
Rear Parking Lot	SSHS-B920	0-2	1/16/2018	<0.0055U	<0.011U	<0.01U	<0.01U	0.23J	0.069J	0.017J	<0.0083U	<0.012U	0.3444
Rear Parking Lot	SSHS-B931	0-2	1/10/2018	<0.029U	<0.058U	<0.053U	<0.054U	9.4J	3J	0.64J	<0.043U	<0.063U	13.19
Rear Parking Lot	SSHS-B932	0-2	1/10/2018	<0.0056U	<0.011U	<0.01U	<0.01U	0.091	<0.012U	<0.0049U	<0.0084U	<0.012U	0.128
Rear Parking Lot	SSHS-B933	0-2	1/19/2018	<0.029U	<0.059U	<0.054U	<0.054U	12J	3.6J	0.74J	<0.044U	<0.064U	16.49
Rear Parking Lot	SSHS-B934	0-2	1/10/2018	<0.065U	<0.13U	<0.12U	<0.12U	14J	7.6J	2.1J	<0.098U	<0.14U	24.04
Rear Parking Lot	SSHS-B935	0-2	1/10/2018	<0.064U	<0.13U	<0.12U	<0.12U	8.1J	3.9J	0.89J	<0.096U	<0.14U	13.23
Rear Parking Lot	SSHS-B945	0-2	1/22/2018	<0.75U	<1.5U	<1.4U	<1.4U	130J	37J	8.3J	<1.1U	<1.6U	179.2
Rear Parking Lot	SSHS-B946	0-2	1/22/2018	<0.0068U	<0.014U	<0.012U	<0.013U	4.8J	1.6J	0.41J	<0.01U	<0.015U	6.845
Rear Parking Lot	SSHS-B959	0-2	2/28/2018	<0.031U	<0.062U	<0.057U	<0.057U	8.7	3.8	0.84	<0.046U	<0.067U	13.5
Rear Parking Lot	SSHS-B968	0-2	3/1/2018	<0.029U,F1	<0.057U	<0.052U	<0.053U	2.8	1.6	0.21	<0.043U	<0.062U	4.758
Rear Parking Lot	SSHS-B995	0-2	3/1/2018	<0.17U	<0.33U	<0.31U	<0.31U	47	16	2	<0.25U	<0.36U	65.87
Rear Parking Lot	SSHS-B9SS-A	0-0.17	7/22/2014	<0.0013U	<0.0017U	<0.0015U	<0.0014U	<0.00082U	<0.0012U	<0.0012U	<0.0011U	<0.0019U	<0
Rear Parking Lot	SSHS-MW42	0-1	3/1/2016	<0.0096U	<0.015U	<0.0052U	<0.0077U	<0.0049U	<0.0077U	<0.0072U	<0.0039U	<0.0065U	<0
Rear Parking Lot	SSHS-MW43	1-2	3/1/2016	<0.0083U	<0.013U	<0.0046U	<0.0067U	0.0088J	<0.0067U	<0.0062U	<0.0034U	<0.0057U	0.0088
Rear Parking Lot	SSHS-MW46	0-2	8/30/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	3.4J	1.5J	0.2J	<0.0034U	<0.0056U	5.121

Notes:
J - estimated value
U - non-detect
PCBs - polychlorinated biphenyls
mg/kg - milligram per kilogram
ft bgs - feet below ground surface
PCB concentrations detected above New York State hazardous waste threshold (6 NYCRR Part 371.4 (e)) are presented in dark grey
Concentrations detected above the soil criteria for PCBs (0-2 ft bgs) of 1 mg/kg (NYSDEC CP-51) are presented in grey.

TABLE 3
Summary of PCB Results for Subsurface Soils
(below 2 ft bgs)
Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00021	0.00033	0.00011	0.00017	0.00011	0.00017	0.00016	0.000085	0.00014	
Subsurface Soil Criteria													10
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**										
Rear Parking Lot	SSHS-B100	4-6	8/15/2014	<0.0029U	<0.0038U	<0.0034U	<0.0032U	0.025	<0.0028U	<0.0028U	<0.0025U	<0.0043U	0.025
Rear Parking Lot	SSHS-B100	6-10	8/15/2014	<0.003U	<0.0038U	<0.0034U	<0.0032U	<0.0019U	<0.0028U	<0.0028U	<0.0026U	<0.0044U	<0
Rear Parking Lot	SSHS-B100	10-13.5	8/15/2014	<0.003U	<0.0038U	<0.0034U	<0.0033U	<0.0019U	<0.0029U	<0.0029U	<0.0026U	<0.0044U	<0
Rear Parking Lot	SSHS-B1002	2-4	3/3/2018	<0.11U	<0.22U	<0.2U	<0.21U	29J	10J	1.8J	<0.17U	<0.24U	41.38
Rear Parking Lot	SSHS-B1002	4-6	3/3/2018	<0.006U	<0.012U	<0.011U	<0.011U	1.9J	1.1J	0.23J	<0.009U	<0.013U	3.261
Rear Parking Lot	SSHS-B1004	4-6	3/3/2018	<0.0059U	<0.012U	<0.011U	<0.011U	1.5J	0.43J	0.086J	<0.0087U	<0.013U	2.047
Rear Parking Lot	SSHS-B1005	4-6	3/3/2018	<0.0059U	<0.012U	<0.011U	<0.011U	2.6J	0.77J	0.15J	<0.0088U	<0.013U	3.551
Rear Parking Lot	SSHS-B1006	10-12	3/3/2018	<0.0066U	<0.013U	<0.012U	<0.012U	0.11J	0.046J	0.0092J	<0.0098U	<0.014U	0.1989
Rear Parking Lot	SSHS-B1007	12-14	3/3/2018	<0.12U	<0.24U	<0.22U	<0.22U	31J	7.6J	1.6J	<0.18U	<0.26U	40.82
Rear Parking Lot	SSHS-B1008	12-14	3/3/2018	<0.071U	<0.14U	<0.13U	<0.13U	24J	9.8J	2.2J	<0.11U	<0.15U	36.37
Rear Parking Lot	SSHS-B1009	14-16	4/24/2018	<0.0062U	<0.012U	<0.011U	<0.011U	0.45	0.14	0.026	<0.0092U	<0.013U	0.6472
Rear Parking Lot	SSHS-B101	3-6	8/14/2014	<0.003U	<0.0039U	<0.0035U	<0.0033U	<0.0019U	<0.0029U	<0.0029U	<0.0026U	<0.0044U	<0
Rear Parking Lot	SSHS-B101	8-10	8/14/2014	<0.0031U	<0.0039U	<0.0035U	<0.0034U	0.5	<0.0029U	0.043	<0.0026U	<0.0045U	0.543
Rear Parking Lot	SSHS-B101	12-15.5	8/14/2014	<0.0028U	<0.0036U	<0.0033U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0025U	<0.0042U	<0
Rear Parking Lot	SSHS-B1010	10-12	4/24/2018	<0.0078U	<0.016U	<0.014U	<0.014U	0.061	0.021J	<0.0068U	<0.012U	<0.017U	0.1258
Rear Parking Lot	SSHS-B1010	12-14	4/24/2018	<0.0063U	<0.013U	<0.012U	<0.012U	4.3	1.1	0.22	<0.0094U	<0.014U	5.653
Rear Parking Lot	SSHS-B1011	12-14	4/25/2018	<0.0059U	<0.012U	<0.011U	<0.011U	2.5	0.88	0.16	<0.0088U	<0.013U	3.571
Rear Parking Lot	SSHS-B1015	12-14	4/25/2018	<0.0059U	<0.012U	<0.011U	<0.011U	0.47	0.24	0.072	<0.0088U	<0.013U	0.8129
Rear Parking Lot	SSHS-B1016	10-12	4/24/2018	<0.0063U	<0.012U	<0.011U	<0.012U	0.036	<0.013U	<0.0055U	<0.0093U	<0.013U	0.07705
Rear Parking Lot	SSHS-B1017	8-10	4/24/2018	<0.0061U	<0.012U	<0.011U	<0.011U	0.59	0.56	0.17	<0.0091U	<0.013U	1.351
Rear Parking Lot	SSHS-B1017	10-12	4/24/2018	<0.0062U	<0.012U	<0.011U	<0.011U	1.3	1.2	0.32	<0.0093U	<0.013U	2.851
Rear Parking Lot	SSHS-B1018	8-10	4/24/2018	<0.0061U	<0.012U	<0.011U	<0.011U	0.81	0.39	0.089	<0.0091U	<0.013U	1.32
Rear Parking Lot	SSHS-B1018	10-12	4/24/2018	<0.0066U	<0.013U	<0.012U	<0.012U	1.6	0.44	0.069	<0.0098U	<0.014U	2.143
Rear Parking Lot	SSHS-B1018	10-12	4/26/2018	<0.006U	<0.012U	<0.011U	<0.011U	2.3	0.59	0.069	<0.009U	<0.013U	2.99
Rear Parking Lot	SSHS-B1019	8-10	4/25/2018	<0.0061U	<0.012U	<0.011U	<0.011U	2.2	1.3	0.27	<0.0091U	<0.013U	3.801
Rear Parking Lot	SSHS-B102	2-4	8/3/2015	<0.2U	<0.25U	<0.34U	<0.25U	25J	9J	1.3J	<0.2U	<0.36U	35.3
Rear Parking Lot	SSHS-B102	4-6	8/3/2015	<0.037U	<0.045U	<0.063U	<0.046U	5.5J	2.6J	0.28J	<0.037U	<0.067U	8.38
Rear Parking Lot	SSHS-B102	6-8	8/3/2015	<0.004U	<0.0049U	<0.0068U	<0.005U	<0.0049U	<0.0047U	<0.0043U	<0.004U	<0.0073U	<0
Rear Parking Lot	SSHS-B102	8-10	8/3/2015	<0.0039U	<0.0048U	<0.0067U	<0.0049U	4J	2.1J	0.18J	<0.0039U	<0.0071U	6.28
Rear Parking Lot	SSHS-B1020	8-10	4/26/2018	<0.0059U	<0.012U	<0.011U	<0.011U	1.3	0.36	0.064	<0.0089U	<0.013U	1.755
Rear Parking Lot	SSHS-B1021	8-10	4/25/2018	<0.0056U	<0.011U	<0.01U	<0.01U	1.5	0.6	0.11	<0.0083U	<0.012U	2.238
Rear Parking Lot	SSHS-B1021	10-12	4/25/2018	<0.0057U	<0.011U	<0.01U	<0.011U	2.1	0.81	0.17	<0.0085U	<0.012U	3.109
Rear Parking Lot	SSHS-B1022	8-10	4/25/2018	<0.0058U	<0.012U	<0.011U	<0.011U	2.8	1.6	0.38	<0.0087U	<0.013U	4.811
Rear Parking Lot	SSHS-B1023b	12-14	4/26/2018	<0.0065U	<0.013U	<0.012U	<0.012U	3.6	1.2	0.2	<0.0097U	<0.014U	5.034
Rear Parking Lot	SSHS-B1024	2-4	4/25/2018	<0.0059U	<0.012U	<0.011U	<0.011U	0.49	0.27	0.076	<0.0088U	<0.013U	0.8669
Rear Parking Lot	SSHS-B1025	14-16	4/26/2018	<0.0064U	<0.013U	<0.012U	<0.012U	0.24	0.11	0.023	<0.0096U	<0.014U	0.4065
Rear Parking Lot	SSHS-B1026	14-16	4/24/2018	<0.07U	<0.14U	<0.13U	<0.13U	21	10	2.2	<0.1U	<0.15U	33.56
Rear Parking Lot	SSHS-B103	2-4	7/22/2015	<0.19U	<0.23U	<0.32U	<0.24U	270J	95J	12J	<0.19U	<0.34U	377
Rear Parking Lot	SSHS-B103	4-6	7/22/2015	<0.04U	<0.049U	<0.068U	<0.05U	23J	8.7J	1.1J	<0.04U	<0.073U	32.8
Rear Parking Lot	SSHS-B103	6-8	7/22/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.011J	<0.0045U	<0.0042U	<0.0038U	<0.007U	0.011
Rear Parking Lot	SSHS-B1033	2-4	5/23/2018	<0.0061U	<0.012U	<0.011U	<0.011U	0.25	0.16	0.029	<0.0091U	<0.013U	0.4701
Rear Parking Lot	SSHS-B1034	2-4	5/23/2018	<0.0066U	<0.013U	<0.012U	<0.012U	0.091	0.033	0.0081J	<0.0098U	<0.014U	0.1658
Rear Parking Lot	SSHS-B104	2-4	7/22/2015	<0.37U	<0.46U	<0.63U	<0.46U	110J	36J	4.8J	<0.37U	<0.68U	150.8
Rear Parking Lot	SSHS-B104	4-6	7/22/2015	<0.039U	<0.048U	<0.066U	<0.049U	33J	14J	2.2J	<0.039U	<0.071U	49.2
Rear Parking Lot	SSHS-B104	6-8	7/22/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.031	<0.0045U	<0.0042U	<0.0038U	<0.007U	0.031
Rear Parking Lot	SSHS-B1042	2-4	5/24/2018	<0.0061U	<0.012U	<0.011U	<0.011U	0.58	0.42	0.26	<0.0092U	<0.013U	1.291
Rear Parking Lot	SSHS-B1043	2-4	5/24/2018	<0.0057U	<0.011U	<0.01U	<0.011U	0.6	0.26	0.076	<0.0085U	<0.012U	0.9651
Rear Parking Lot	SSHS-B1045	2-4	5/24/2018	<0.0062U	<0.012U	<0.011U	<0.011U	1.1	1.1	0.4	<0.0092U	<0.013U	2.631
Rear Parking Lot	SSHS-B105	2-4	7/22/2015	<0.81U	<0.99U	<1.4U	<1U	240J	80J	7.9J	<0.8U	<1.5U	327.9
Rear Parking Lot	SSHS-B105	4-6	7/22/2015	<0.039U	<0.048U	<0.066U	<0.048U	15J	5.7J	0.84J	<0.038U	<0.07U	21.54
Rear Parking Lot	SSHS-B105	6-8	7/22/2015	<0.0041U	<0.005U	<0.0069U	<0.0051U	<0.005U	<0.0048U	<0.0044U	<0.004U	<0.0074U	<0
Rear Parking Lot	SSHS-B106	2-4	7/22/2015	<0.77U	<0.95U	<1.3U	<0.96U	170J	53J	6.6J	<0.76U	<1.4U	229.6
Rear Parking Lot	SSHS-B106	4-6	7/22/2015	<0.79U	<0.97U	<1.3U	<0.98U	170J	67J	8.1J	<0.78U	<1.4U	245.1
Rear Parking Lot	SSHS-B106	6-8	7/22/2015	<0.081U	<0.1U	<0.14U	<0.1U	18J	5.1J	0.59J	<0.08U	<0.15U	23.69
Rear Parking Lot	SSHS-B1064	4-6	6/29/2018	<0.006U	<0.012U	<0.011U	<0.011U	2.4	0.98	0.2	<0.009U	<0.013U	3.611
Rear Parking Lot	SSHS-B1068	4-6	7/1/2018	<0.029U	<0.058U	<0.053U	<0.054U	9.1	4.9	0.67	<0.044U	<0.063U	14.82
Rear Parking Lot	SSHS-B1068	10-12	7/1/2018	<0.0066U	<0.013U	<0.012U	<0.012U	2	0.56	0.093p	<0.0099U	<0.014U	2.687
Rear Parking Lot	SSHS-B106A	8-10	8/3/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	3.1J	1.3J	0.094J	<0.0037U	<0.0068U	4.494
Rear Parking Lot	SSHS-B107	2-4	7/22/2015	<0.39U	<0.47U	<0.65U	<0.48U	130J	48J	4.9J	<0.38U	<0.7U	182.9
Rear Parking Lot	SSHS-B107	4-6	7/22/2015	<0.004U	<0.0049U	<0.0067U	<0.0049U	3.7J	1.3J	0.2J	<0.0039U	<0.0072U	5.2
Rear Parking Lot	SSHS-B107	6-8	7/22/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.015J	<0.0045U	<0.0042U	<0.0038U	<0.007U	0.015
Rear Parking Lot	SSHS-B1072	2-4	6/28/2018	<0.0059U	<0.012U	<0.011U	<0.011U	<0.014U	<0.012U	<0.0052U	<0.0089U	<0.013U	<0.093
Rear Parking Lot	SSHS-B1073	2-4	6/24/2018	<0.013U	<0.013U	<0.013U	<0.013U	0.61	0.33	0.055J	<0.013U	<0.013U	1.034
Rear Parking Lot	SSHS-B1074	2-4	6/29/2018	<0.0066U	<0.013U	<0.012U	<0.012U	0.12	0.092	<0.0057U	<0.0098U	<0.014U	0.2486
Rear Parking Lot	SSHS-B1075	2-4	7/2/2018	<0.0059U	<0.012U	<0.011U	<0.011U	2.6	1.5	0.17	<0.0088U	<0.013U	4.301
Rear Parking Lot	SSHS-B1076	2-4	6/29/2018	<0.0061U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0054U	<0.0092U	<0.013U	<0.0957
Rear Parking Lot	SSHS-B1076	4-6	7/6/2018	<0.0058U	<0.012U	<0.011U	<0.011U	<0.014U	<0.012U	<0.0051U	<0.0087U	<0.013U	<0.0926
Rear Parking Lot	SSHS-B1077	2-4	6/30/2018	<0.0067U	<0.013U	<0.012U	<0.012U	0.28	0.17	<0.0059U	<0.01U	<0.014U	0.4868
Rear Parking Lot	SSHS-B1078	2-4	7/2/2018	<0.0067U,F1,F2	<0.013U	<0.012U	<0.012U	5.6	2.3	0.43F1	<0.01U	<0.014U	8.364
Rear Parking Lot	SSHS-B1079	4-6	6/30/2018	<0.0061U	<0.012U	<0.011U	<0.011U	4.3	4.9	0.57	<0.0091U	<0.013U	9.801
Rear Parking Lot	SSHS-B108	2-4	7/22/2015	<0.0039U	<0.0048U	<0.0067U	<0.0049U	3.8J	0.99J	0.11J	<0.0039U	<0.0071U	4.9
Rear Parking Lot	SSHS-B108	4-6	7/22/2015	<0.0042U	<0.0051U	<0.007U	<0.0051U	1.6J	0.53J	0.064J	<0.0041U	<0.0075U	2.194
Rear Parking Lot	SSHS-B108	6-8	7/22/2015	<0.0038U	<0.0046U	<0.0064U	<0.0047U	0.28J	0.13J	0.03J	<0.0037U	<0.0068U	0.44
Rear Parking Lot	SSHS-B1080	6-8	6/29/2018	<0.0063U	<0.012U	<0.011U	<0.012U	<0.015U	1.3	<0.0055U	<0.0094U	<0.014U	1.343
Rear Parking Lot	SSHS-B1081	6-8	7/6/2018	<0.0065U	<0.013U	<0.012U	<0.012U	<0.016U	<0.014U	<0.0057U	<0.0097U	<0.014U	<0.1029
Rear Parking Lot	SSHS-B1084	8-10	6/28/2018	<0.0061U	<0.012U	<0.011U	<0.011U	0.38	0.71	0.066	<0.009U	<0.013U	1.187
Rear Parking Lot	SSHS-B1086	10-12	7/6/2018	<0.0062U	<0.012U	<0.011U	<0.011U	0.48	0.37	0.073	<0.0093U	<0.013U	0.9543
Rear Parking Lot	SSHS-B1088	6-8	6/28/2018	<0.0061U	<0.012U	<0.011U	<0.011U	2	0.87	0.088	<0.0091U	<0.013U	2.989
Rear Parking Lot	SSHS-B109	2-4	7/21/2015	<0.074U	<0.091U	<0.12U	<0.091U	30J	13J	1.7J	<0.073U	<0.13U	44.7
Rear Parking Lot	SSHS-B109	4-6	7/21/2015	<0.0039U	<0.0048U	<0.0066U	<0.0049U	1.3J	0.48J	0.059J	<0.0039U	<0.0071U	1.839
Rear Parking Lot	SSHS-B109	6-8	7/21/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	<0.0048U	<0.0045U	<0.0042U	<0.0038U	<0.007U	<0
Rear Parking Lot	SSHS-B1091	14-16	7/6/2018	<0.0069U	<0.014U	<0.013U	<0.013U	<0.017U	<0.015U	<0.006U	<0.01U	<0.015U	<0.1099
Rear Parking Lot	SSHS-B1092	14-16	7/6/2018	<0.0064U	<0.013U	<0.012U	<0.012U	<0.016U	0.022	<0.0056U	<0.0096U	<0.014U	0.0663
Rear Parking Lot	SSHS-B1093	14-16	7/6/2018	<0.0066U	<0.013U	<0.012U	<0.012U	0.096	0.058	0.019J	<0.0098U	<0.014U	0.2067
Rear Parking Lot	SSHS-B1094	14-16	7/6/2018	<0.0062U	<0.012U	<0.011U	<0.011U	0.037	<0.013U	<0.0054U	<0.0092U	<0.013U	0.0774
Rear Parking Lot	SSHS-B110	2-4	7/21/2015	<0.77U	<0.95U	<1.3U	<0.96U	170J	67J	7.6J	<0.76U	<1.4U	244.6
Rear Parking Lot	SSHS-B110	4-6	7/21/2015	<0.081U	<0.099U	<0.14U	<0.1U	75J	26J	3.3J	<0.08U	<0.15U	104.3
Rear Parking Lot	SSHS-B110	6-8	7/21/2015	<0.0043U	<0.0053U	<0.0073U	<0.0054U	0.58J	0.26J	0.052J	<0.0043U	<0.0078U	0.892
Rear Parking Lot	SSHS-B1104	4-6	7/5/2018	<0.0061U	<0.012U	<0.011U	<0.011U	3.6	1.7	0.48	<0.0092U	<0.013U	5.811
Rear Parking Lot	SSHS-B1104	12-14	7/6/2018	<0.006U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0052U	<0.0089U	<0.013U	<0.0951
Rear Parking Lot	SSHS-B1105	4-6	6/30/2018	<0.0069U	<0.014U	<0.013U	<0.013U	<0.017U	<0.015U	<0.0061U	<0.01U	<0.015U	<0.11
Rear Parking Lot	SSHS-B1109	8-10	6/29/2018	<0.0063U	<0.013U	<0.011U	<0.012U	0.093	0.033	0.012J	<0.0094U	<0.014U	0.1709
Rear Parking Lot	SSHS-B111	2-4	7/21/2015	<0.018U	<0.022U	<0.03U	<0.022U	6.2J	2.1J	0.41J	<0.017U	<0.032U	8.71
Rear Parking Lot	SSHS-B111	4-6	7/21/2015	<0.038U	<0.047U	<0.065U	<0.048U	30J	10J	1.7J	<0.038U	<0.07U	41.7

TABLE 3
Summary of PCB Results for Subsurface Soils
(below 2 ft bgs)
Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00021	0.00033	0.00011	0.00017	0.00011	0.00017	0.00016	0.000085	0.00014	
Subsurface Soil Criteria													10
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**										
Rear Parking Lot	SSHS-B111	6-8	7/21/2015	<0.0039U	<0.0048U	<0.0067U	<0.0049U	0.0085J	<0.0046U	<0.0042U	<0.0039U	<0.0071U	0.0085
Rear Parking Lot	SSHS-B112	2-4	7/22/2015	<0.0038U	<0.0046U	<0.0064U	<0.0046U	0.2J	0.084J	0.012J	<0.0037U	<0.0068U	0.296
Rear Parking Lot	SSHS-B112	4-6	7/22/2015	<0.0038U	<0.0046U	<0.0064U	<0.0047U	0.38J	0.19J	0.026J	<0.0037U	<0.0068U	0.596
Rear Parking Lot	SSHS-B112	6-7	7/22/2015	<0.02U	<0.024U	<0.033U	<0.024U	6J	2.4J	0.24J	<0.019U	<0.035U	8.64
Rear Parking Lot	SSHS-B1122	10-12	7/6/2018	<0.0061U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0053U	<0.0091U	<0.013U	<0.0955
Rear Parking Lot	SSHS-B114	2-4	7/31/2015	<0.0038U	<0.0047U	<0.0065U	<0.0047U	0.0062J,p	<0.0045U	<0.0041U	<0.0038U	<0.0069U	0.0062
Rear Parking Lot	SSHS-B115	2-4	7/21/2015	<0.0037U	<0.0045U	<0.0062U	<0.0046U	0.036J	0.019J	<0.0039U	<0.0036U	<0.0067U	0.055
Rear Parking Lot	SSHS-B115	4-6	7/21/2015	<0.0041U	<0.005U	<0.0069U	<0.005U	2.6J	1J	0.12J	<0.004U	<0.0074U	3.72
Rear Parking Lot	SSHS-B115	6-8	7/21/2015	<0.0041U	<0.005U	<0.007U	<0.0051U	0.0058J	<0.0048U	<0.0044U	<0.0041U	<0.0074U	0.0058
Rear Parking Lot	SSHS-B1158	8-10	7/6/2018	<0.0063U	<0.013U	<0.012U	<0.012U	<0.015U	<0.013U	<0.0055U	<0.0094U	<0.014U	<0.1002
Rear Parking Lot	SSHS-B116	2-4	7/20/2015	<0.76U	<0.94U	<1.3U	<0.95U	240J	83J	11J	<0.75U	<1.4U	334
Rear Parking Lot	SSHS-B116	4-6	7/20/2015	<0.0038U	<0.0047U	<0.0065U	<0.0048U	4.5J	1.8J	0.32J	<0.0038U	<0.007U	6.62
Rear Parking Lot	SSHS-B116	6-8	7/20/2015	<0.0039U	<0.0048U	<0.0067U	<0.0049U	0.21J	0.079J	0.014J	<0.0039U	<0.0071U	0.303
Rear Parking Lot	SSHS-B1160	10-12	6/30/2018	<0.0065U	<0.013U	<0.012U	<0.012U	0.017J	<0.014U	<0.0056U	<0.0096U	<0.014U	0.06035
Rear Parking Lot	SSHS-B1162	8-10	7/5/2018	<0.0059U	<0.012U	<0.011U	<0.011U	0.25	0.089	0.014J,p	<0.0087U	<0.013U	0.3838
Rear Parking Lot	SSHS-B117	2-4	7/20/2015	<0.0037U	<0.0045U	<0.0062U	<0.0045U	0.26J	2.5J	0.35J	<0.0036U	<0.0066U	3.11
Rear Parking Lot	SSHS-B117	4-6	7/20/2015	<0.074U	<0.091U	<0.13U	<0.092U	35J	16J	2.2J	<0.073U	<0.13U	53.2
Rear Parking Lot	SSHS-B117	6-8	7/20/2015	<0.82U	<1U	<1.4U	<1U	190J	99J	13J	<0.81U	<1.5U	302
Rear Parking Lot	SSHS-B117A	8-10	8/3/2015	<0.039U	<0.048U	<0.066U	<0.049U	14J	7.3J	0.84J	<0.039U	<0.071U	22.14
Rear Parking Lot	SSHS-B118	2-4	7/20/2015	<2U	<2.4U	<3.4U	<2.5U	460J	170J	27J	<2U	<3.6U	657
Rear Parking Lot	SSHS-B118	4-6	7/20/2015	<1.9U,F2	<2.4U	<3.3U	<2.4U	360J	130J	19J	<1.9U	<3.5U	509
Rear Parking Lot	SSHS-B118	6-8	7/20/2015	<0.0042U	<0.0051U	<0.0071U	<0.0052U	5.9J	1.8J	0.38J	<0.0041U	<0.0076U	8.08
Rear Parking Lot	SSHS-B1189	4-6	6/24/2018	<0.03U	<0.03U	<0.03U	<0.03U	0.61	1.2	0.15J	<0.03U	<0.03U	2.05
Rear Parking Lot	SSHS-B119	2-4	7/21/2015	<0.77U	<0.94U	<1.3U	<0.95U	67J	30J	3J	<0.76U	<1.4U	100
Rear Parking Lot	SSHS-B119	4-6	7/21/2015	<0.76U	<0.93U	<1.3U	<0.94U	140J	53J	4.9J	<0.75U	<1.4U	197.9
Rear Parking Lot	SSHS-B119	6-8	7/21/2015	<0.038U	<0.046U	<0.064U	<0.047U	14J	4.8J	0.78J	<0.037U	<0.068U	19.58
Rear Parking Lot	SSHS-B1193	4-6	7/6/2018	<0.0064U	<0.013U	<0.012U	<0.012U	0.073	0.03	<0.0056U	<0.0096U	<0.014U	0.1393
Rear Parking Lot	SSHS-B1194	4-6	6/29/2018	<0.0062U	<0.012U	<0.011U	<0.011U	0.084	0.043	<0.0054U	<0.0093U	<0.013U	0.161
Rear Parking Lot	SSHS-B1198	8-10	7/6/2018	<0.006U	<0.012U	<0.011U	<0.011U	0.17	0.4	<0.0053U	<0.009U	<0.013U	0.6037
Rear Parking Lot	SSHS-B1198	10-12	7/6/2018	<0.0073U	<0.014U	<0.013U	<0.013U	2.2	0.91	<0.0063U	<0.011U	<0.016U	3.15
Rear Parking Lot	SSHS-B1198	12-14	7/6/2018	<0.0061U	<0.012U	<0.011U	<0.011U	0.048	0.025	<0.0053U	<0.0091U	<0.013U	0.1068
Rear Parking Lot	SSHS-B119A	8-10	8/3/2015	<0.043U	<0.052U	<0.072U	<0.053U	11J	3.7J	0.43J	<0.042U	<0.077U	15.13
Rear Parking Lot	SSHS-B120	2-4	7/21/2015	<0.038U	<0.046U	<0.064U	<0.047U	28J	10J	1.5J	<0.037U	<0.068U	39.5
Rear Parking Lot	SSHS-B120	4-6	7/21/2015	<0.038U	<0.046U	<0.064U	<0.047U	19J	5.2J	1J	<0.037U	<0.068U	25.2
Rear Parking Lot	SSHS-B120	6-8	7/21/2015	<0.0039U	<0.0048U	<0.0067U	<0.0049U	0.0091J	0.006J	<0.0042U	<0.0039U	<0.0071U	0.0151
Rear Parking Lot	SSHS-B1202	2-4	6/29/2018	<0.0064U	<0.013U	<0.012U	<0.012U	1.4	0.55	0.14	<0.0096U	<0.014U	2.124
Rear Parking Lot	SSHS-B1202	4-6	6/29/2018	<0.0065U	<0.013U	<0.012U	<0.012U	0.24	0.069	0.018J	<0.0097U	<0.014U	0.3606
Rear Parking Lot	SSHS-B1203	2-4	6/30/2018	<0.62U	<1.2U	<1.1U	<1.1U	240	120	13	<0.93U	<1.3U	376.1
Rear Parking Lot	SSHS-B1203	4-6	7/6/2018	<0.0069U	<0.014U	<0.013U	<0.013U	<0.017U	<0.015U	<0.006U	<0.01U	<0.015U	<0.1099
Rear Parking Lot	SSHS-B1204	2-4	7/1/2018	<0.0061U	<0.012U	<0.011U	<0.011U	1.7	2.4	0.32	<0.0091U	<0.013U	4.451
Rear Parking Lot	SSHS-B1205	2-4	7/5/2018	<0.0063U	<0.012U	<0.011U	<0.012U	<0.015U	<0.013U	<0.0055U	<0.0094U	<0.014U	<0.0982
Rear Parking Lot	SSHS-B1205	12-14	7/5/2018	<0.0068U	<0.013U	<0.012U	<0.012U	<0.016U	<0.014U	<0.0059U	<0.01U	<0.015U	<0.1047
Rear Parking Lot	SSHS-B1206	2-4	7/2/2018	<0.0062U	<0.012U	<0.011U	<0.011U	0.31	0.24	0.065p	<0.0092U	<0.013U	0.6462
Rear Parking Lot	SSHS-B1206	4-6	7/2/2018	<0.0058U	<0.012U	<0.011U	<0.011U	0.49	0.55	0.086	<0.0087U	<0.013U	1.157
Rear Parking Lot	SSHS-B1207	2-4	7/2/2018	<0.0062U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0054U	<0.0092U	<0.013U	<0.0958
Rear Parking Lot	SSHS-B121	2-4	7/24/2015	<0.38U	<0.47U	<0.64U	<0.47U	90J	34J	3.7J	<0.38U	<0.69U	127.7
Rear Parking Lot	SSHS-B121	4-6	7/24/2015	<0.19U	<0.23U	<0.32U	<0.23U	65J	21J	4.4J	<0.18U	<0.34U	90.4
Rear Parking Lot	SSHS-B121	6-7	7/24/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	0.61J	0.34J	0.085J	<0.0037U	<0.0068U	1.035
Rear Parking Lot	SSHS-B1214	4-6	6/29/2018	<0.12U	<0.23U	<0.21U	<0.22U	13	6.3	0.79	<0.18U	<0.25U	20.7
Rear Parking Lot	SSHS-B1215	4-6	6/30/2018	<0.0059U	<0.012U	<0.011U	<0.011U	0.15	0.33	<0.0051U	<0.0088U	<0.013U	0.5134
Rear Parking Lot	SSHS-B1216	4-6	6/29/2018	<0.0062U	<0.012U	<0.011U	<0.011U	1	0.59	0.21	<0.0092U	<0.013U	1.831
Rear Parking Lot	SSHS-B1219	4-6	7/1/2018	<0.062U	<0.12U	<0.11U	<0.11U	9.5	6.5	0.74	<0.093U	<0.13U	17.05
Rear Parking Lot	SSHS-B1219	10-12	7/1/2018	<0.0062U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0054U	<0.0092U	<0.013U	<0.0958
Rear Parking Lot	SSHS-B122	2-4	7/22/2015	<0.0038U	<0.0047U	<0.0065U	<0.0047U	2J	0.64J	0.065J	<0.0038U	<0.0069U	2.705
Rear Parking Lot	SSHS-B122	4-6	7/22/2015	<0.019U,F1,F2	<0.023U	<0.032U	<0.023U	5.3J	2J	0.21J	<0.018U	<0.034U	7.51
Rear Parking Lot	SSHS-B122	6-7	7/22/2015	<0.0039U	<0.0047U	<0.0065U	<0.0048U	2.7J	1.1J	0.13J	<0.0038U	<0.007U	3.93
Rear Parking Lot	SSHS-B1220	6-8	7/2/2018	<0.006U	<0.012U	<0.011U	<0.011U	<0.015U	0.61	<0.0053U	<0.009U	<0.013U	0.6512
Rear Parking Lot	SSHS-B1221	6-8	6/30/2018	<0.006U	<0.012U	<0.011U	<0.011U	0.092	0.41	<0.0053U	<0.009U	<0.013U	0.5357
Rear Parking Lot	SSHS-B1223	6-8	7/2/2018	<0.0066U	<0.013U	<0.012U	<0.012U	0.68	0.23	0.051	<0.0098U	<0.014U	0.9947
Rear Parking Lot	SSHS-B1224	6-8	7/1/2018	<0.0069U	<0.014U	<0.013U	<0.013U	0.071	0.022	<0.0061U	<0.01U	<0.015U	0.132
Rear Parking Lot	SSHS-B1224	8-10	7/1/2018	<0.057U	<0.11U	<0.1U	<0.1U	8.9	5.1	0.44	<0.085U	<0.12U	14.73
Rear Parking Lot	SSHS-B1226	2-4	6/29/2018	<0.0063U	<0.012U	<0.011U	<0.012U	<0.015U	<0.013U	<0.0055U	<0.0094U	<0.014U	<0.0982
Rear Parking Lot	SSHS-B1227	2-4	6/23/2018	<0.0032U	<0.0032U	<0.0032U	<0.0032U	0.052	<0.0032U	<0.0032U	<0.0032U	<0.0032U	0.0648
Rear Parking Lot	SSHS-B1228	2-4	7/6/2018	<0.0062U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0054U	<0.0092U	<0.013U	<0.0958
Rear Parking Lot	SSHS-B1229	2-4	6/28/2018	<0.25U	<0.49U	<0.45U	<0.45U	45	17	1.1	<0.37U	<0.53U	64.37
Rear Parking Lot	SSHS-B123	2-4	8/3/2015	<0.0039U	<0.0047U	<0.0065U	<0.0048U	1.6J	0.96J	0.094J	<0.0038U	<0.007U	2.654
Rear Parking Lot	SSHS-B123	4-6	8/3/2015	<0.0039U	<0.0048U	<0.0067U	<0.0049U	0.27J	0.15J	0.017J	<0.0039U	<0.0071U	0.437
Rear Parking Lot	SSHS-B123	6-8	8/3/2015	<0.0038U	<0.0046U	<0.0064U	<0.0047U	<0.0046U	<0.0044U	<0.004U	<0.0037U	<0.0068U	<0
Rear Parking Lot	SSHS-B1230	2-4	6/30/2018	<0.12U	<0.25U	<0.23U	<0.23U	40	16	0.92	<0.19U	<0.27U	57.57
Rear Parking Lot	SSHS-B1231	4-6	6/29/2018	<0.006U	<0.012U	<0.011U	<0.011U	<0.015U	0.39	0.068	<0.0089U	<0.013U	0.4965
Rear Parking Lot	SSHS-B1232	4-6	6/29/2018	<0.031U	<0.061U	<0.056U	<0.057U	7.4	5.2	1	<0.046U	<0.066U	13.76
Rear Parking Lot	SSHS-B1233	4-6	7/2/2018	<0.0063U	<0.013U	<0.011U	<0.012U	0.15	0.21	0.033	<0.0094U	<0.014U	0.4259
Rear Parking Lot	SSHS-B1234	4-6	6/28/2018	<0.0061U	<0.012U	<0.011U	<0.011U	3.5	3.8	0.46F1	<0.0091U	<0.013U	7.791
Rear Parking Lot	SSHS-B1234	8-10	6/28/2018	<0.006U	<0.012U	<0.011U	<0.011U	<0.015U	3.6	0.3	<0.009U	<0.013U	3.939
Rear Parking Lot	SSHS-B1235	4-6	7/2/2018	<0.006U	<0.012U	<0.011U	<0.011U	0.076	0.044	0.012J	<0.0089U	<0.013U	0.163
Rear Parking Lot	SSHS-B1236	4-6	7/2/2018	<0.0061U	<0.012U	<0.011U	<0.011U	1.6	0.9	0.1	<0.0092U	<0.013U	2.631
Rear Parking Lot	SSHS-B1236	6-8	7/2/2018	<0.0059U	<0.012U	<0.011U	<0.011U	0.47	0.26	0.025	<0.0088U	<0.013U	0.7859
Rear Parking Lot	SSHS-B1237	4-6	7/2/2018	<0.0061U	<0.012U	<0.011U	<0.011U	0.68	0.73	0.29	<0.0091U	<0.013U	1.731
Rear Parking Lot	SSHS-B1237	8-10	7/2/2018	<0.0062U	<0.012U	<0.011U	<0.011U	2.2	1.1	0.22	<0.0092U	<0.013U	3.551
Rear Parking Lot	SSHS-B124	2-4	8/3/2015	<0.04U	<0.049U	<0.067U	<0.049U	7J	3.5J	0.38J	<0.039U	<0.072U	10.88
Rear Parking Lot	SSHS-B124	4-6	8/3/2015	<0.075U	<0.092U	<0.13U	<0.093U	13J	6.5J	0.98J	<0.074U	<0.14U	20.48
Rear Parking Lot	SSHS-B124	6-8	8/3/2015	<0.083U	<0.1U	<0.14U	<0.1U	21J	10J	1.7J	<0.082U	<0.15U	32.7
Rear Parking Lot	SSHS-B124	8-10	8/3/2015	<0.042U	<0.052U	<0.071U	<0.052U	16J	9.1J	0.87J	<0.042U	<0.076U	25.97
Rear Parking Lot	SSHS-B1240	4-6	6/30/2018	<0.0063U	<0.012U	<0.011U	<0.012U	<0.015U	<0.013U	<0.0055U	<0.0093U	<0.014U	<0.0981
Rear Parking Lot	SSHS-B1242	6-8	6/29/2018	<0.0064U	<0.013U	<0.012U	<0.012U	1.2	0.55	0.19	<0.0096U	<0.014U	1.974
Rear Parking Lot	SSHS-B1243	6-8	6/29/2018	<0.0061U	<0.012U	<0.011U	<0.011U	0.42	0.36	0.14	<0.0091U	<0.013U	0.9511
Rear Parking Lot	SSHS-B1244	6-8	7/1/2018	<0.0062U,F2	<0.012U	<0.011U	<0.012U	0.065	0.03	<0.0055U,F2	<0.0093U	<0.013U	0.1295
Rear Parking Lot	SSHS-B1247	10-12	7/6/2018	<0.0063U	<0.013U	<0.011U	<0.012U	4	<0.013U	<0.0055U	<0.0094U	<0.014U	4.042
Rear Parking Lot	SSHS-B1248	10-12	6/29/2018	<0.006U	<0.012U	<0.011U	<0.011U	3.6	1.4	0.34	<0.0089U	<0.013U	5.371
Rear Parking Lot	SSHS-B1249	10-12	7/6/2018	<0.0059U	<0.012U	<0.011U	<0.011U	<0.014U	<0.012U	<0.0052U	<0.0088U	<0.013U	<0.0929
Rear Parking Lot	SSHS-B125	2-4	7/31/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	<0.0048U	0.0069J	<0.0042U	<0.0039U	<0.0071U	0.0069
Rear Parking Lot	SSHS-B125	4-6	7/31/2015	<0.004U	<0.0049U	<0.0068U	<0.0049U	0.68J	0.22J	0.039J	<0.0039U	<0.0072U	0.939
Rear Parking Lot	SSHS-B125	6-8	7/31/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	<0.0048U	<0.0045U	<0.0042U	<0.0038U	<0.007U	<0
Rear Parking Lot	SSHS-B126	2-4	7/31/2015	<0.0039U	<0.0047U	<0.0066U	<0.0048U	<0.0047U	<0.0045U	<0.0042U	<0.0038U	<0.007U	<0

TABLE 3
Summary of PCB Results for Subsurface Soils
(below 2 ft bgs)
Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00021	0.00033	0.00011	0.00017	0.00011	0.00017	0.00016	0.000085	0.00014	
Subsurface Soil Criteria													10
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**										
Rear Parking Lot	SSHS-B126	4-6	7/31/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.4J	0.14J	0.026J	<0.0038U	<0.007U	0.566
Rear Parking Lot	SSHS-B126	6-8	7/31/2015	<0.0041U	<0.0051U	<0.007U	<0.0051U	<0.0051U	<0.0048U	0.007J	<0.0041U	<0.0075U	0.007
Rear Parking Lot	SSHS-B126	8-10	7/31/2015	<0.0042U	<0.0051U	<0.0071U	<0.0052U	3.6J	1.3J	0.12J	<0.0041U	<0.0075U	5.02
Rear Parking Lot	SSHS-B127	2-4	7/31/2015	<0.074U	<0.091U	<0.13U	<0.092U	23J	9.6J	1.7J	<0.073U	<0.13U	34.3
Rear Parking Lot	SSHS-B127	4-6	7/31/2015	<0.38U	<0.47U	<0.64U	<0.47U	120J	46J	5.8J	<0.38U	<0.69U	171.8
Rear Parking Lot	SSHS-B127	6-8	7/31/2015	<0.004U	<0.005U	<0.0068U	<0.005U	<0.0049U	<0.0047U	<0.0043U	<0.004U	<0.0073U	<0
Rear Parking Lot	SSHS-B129	2-4	7/31/2015	<0.037U	<0.046U	<0.063U	<0.046U	14J	5.6J	1J	<0.037U	<0.067U	20.6
Rear Parking Lot	SSHS-B129	4-6	7/31/2015	<0.019U	<0.023U	<0.032U	<0.023U	13J	4.7J	0.66J	<0.018U	<0.034U	18.36
Rear Parking Lot	SSHS-B129	6-8	7/31/2015	<0.0039U	<0.0048U	<0.0067U	<0.0049U	<0.0048U	<0.0046U	<0.0042U,F2	<0.0039U	<0.0071U	<0
Rear Parking Lot	SSHS-B129	8-10	7/31/2015	<0.038U	<0.047U	<0.065U	<0.048U	11J	3.8J	0.43J	<0.038U	<0.07U	15.23
Rear Parking Lot	SSHS-B130	2-4	7/21/2015	<0.19U	<0.24U	<0.33U	<0.24U	77J	27J	4.1J	<0.19U	<0.35U	108.1
Rear Parking Lot	SSHS-B130	4-6	7/21/2015	<0.039U	<0.048U	<0.066U	<0.049U	27J	7J	1.3J	<0.039U	<0.071U	35.3
Rear Parking Lot	SSHS-B130	6-8	7/21/2015	<0.0038U	<0.0047U	<0.0065U	<0.0048U	0.014J	0.0065J	<0.0041U	<0.0038U	<0.007U	0.0205
Rear Parking Lot	SSHS-B131	2-4	7/24/2015	<0.074U	<0.091U	<0.13U	<0.092U	23J	9.3J	0.98J	<0.073U	<0.13U	33.28
Rear Parking Lot	SSHS-B131	4-6	7/24/2015	<0.0038U,F1	<0.0046U	<0.0064U	<0.0047U	4.3J	2J	0.37J	<0.0037U	<0.0068U	6.67
Rear Parking Lot	SSHS-B131	6-8	7/24/2015	<0.0038U	<0.0047U	<0.0064U	<0.0047U	0.82J	0.34J	0.057J	<0.0038U	<0.0069U	1.217
Rear Parking Lot	SSHS-B132	2-4	7/22/2015	<0.038U	<0.046U	<0.064U	<0.047U	27J	8J	1.4J	<0.037U	<0.068U	36.4
Rear Parking Lot	SSHS-B132	4-6	7/22/2015	<0.037U	<0.046U	<0.063U	<0.046U	21J	7.2J	1.2J	<0.037U	<0.068U	29.4
Rear Parking Lot	SSHS-B132	6-7	7/22/2015	<0.0038U	<0.0047U	<0.0065U	<0.0047U	3.7J	1.5J	0.28J	<0.0038U	<0.0069U	5.48
Rear Parking Lot	SSHS-B133	2-4	8/3/2015	<0.0037U	<0.0045U	<0.0063U	<0.0046U	1.5J	1.2J	0.12J	<0.0037U	<0.0067U	2.82
Rear Parking Lot	SSHS-B133	4-6	8/3/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	2.1J	1.1J	0.14J	<0.0037U	<0.0067U	3.34
Rear Parking Lot	SSHS-B133	6-8	8/3/2015	<0.0038U	<0.0047U	<0.0065U	<0.0048U	<0.0047U	<0.0045U	<0.0041U	<0.0038U	<0.007U	<0
Rear Parking Lot	SSHS-B139	2-4	8/3/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	1.7J	0.87J	0.083J	<0.0037U	<0.0067U	2.653
Rear Parking Lot	SSHS-B139	4-6	8/3/2015	<0.0038U	<0.0046U	<0.0064U	<0.0046U	0.18J	0.057J	0.0064J	<0.0037U	<0.0068U	0.2434
Rear Parking Lot	SSHS-B139	6-8	8/3/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	<0.0045U	<0.0043U	<0.004U	<0.0037U	<0.0067U	<0
Rear Parking Lot	SSHS-B140	2-4	7/31/2015	<0.0038U	<0.0046U	<0.0064U	<0.0047U	<0.0046U	<0.0044U	<0.004U	<0.0037U	<0.0068U	<0
Rear Parking Lot	SSHS-B141	2-4	7/21/2015	<0.0038U	<0.0046U	<0.0064U	<0.0047U	4.7J	2J	0.22J	<0.0037U	<0.0068U	6.92
Rear Parking Lot	SSHS-B141	4-6	7/21/2015	<0.0036U	<0.0044U	<0.0061U	<0.0044U	0.75J	0.33J	0.037J	<0.0035U	<0.0065U	1.117
Rear Parking Lot	SSHS-B141	6-8	7/21/2015	<0.0036U	<0.0045U	<0.0062U	<0.0045U	0.17J	0.066J	0.0068J	<0.0036U	<0.0066U	0.2428
Rear Parking Lot	SSHS-B142	2-4	7/21/2015	<0.037U	<0.045U	<0.063U	<0.046U	10J	4.3J	0.43J	<0.037U	<0.067U	14.73
Rear Parking Lot	SSHS-B142	4-6	7/21/2015	<0.0038U	<0.0047U	<0.0064U	<0.0047U	1.8J	0.71J	0.068J	<0.0038U	<0.0069U	2.578
Rear Parking Lot	SSHS-B142	6-8	7/21/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	0.006J	<0.0043U	<0.004U	<0.0037U	<0.0067U	0.006
Rear Parking Lot	SSHS-B144	2-4	7/21/2015	<0.039U	<0.048U	<0.066U	<0.049U	23J	7.3J	1.5J	<0.039U	<0.071U	31.8
Rear Parking Lot	SSHS-B144	4-6	7/21/2015	<0.037U,F1	<0.045U	<0.063U	<0.046U	6.9J	2.9J	0.32J	<0.036U	<0.067U	10.12
Rear Parking Lot	SSHS-B144	6-8	7/21/2015	<0.0038U	<0.0047U	<0.0064U	<0.0047U	0.023J	0.012J	<0.0041U	<0.0038U	<0.0069U	0.035
Rear Parking Lot	SSHS-B145	2-4	7/24/2015	<0.038U	<0.046U	<0.064U	<0.047U	39J	14J	1.7J	<0.037U	<0.068U	54.7
Rear Parking Lot	SSHS-B145	4-6	7/24/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	0.91J	0.4J	0.05J	<0.0037U	<0.0067U	1.36
Rear Parking Lot	SSHS-B145	6-8	7/24/2015	<0.0036U	<0.0044U	<0.0061U	<0.0045U	4J	1.3J	0.17J	<0.0036U	<0.0065U	5.47
Rear Parking Lot	SSHS-B146	2-4	7/22/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	2.8J	1.2J	0.22J	<0.0037U	<0.0068U	4.22
Rear Parking Lot	SSHS-B146	4-6	7/22/2015	<0.038U	<0.047U	<0.065U	<0.048U	19J	5.6J	1.1J	<0.038U	<0.07U	25.7
Rear Parking Lot	SSHS-B146	6-8	7/22/2015	<0.004U	<0.0049U	<0.0067U	<0.0049U	4.1J	1.8J	0.37J	<0.0039U	<0.0072U	6.27
Rear Parking Lot	SSHS-B147	2-4	7/23/2015	<0.073U	<0.09U	<0.12U	<0.091U	23J	9.4J	0.95J	<0.072U	<0.13U	33.35
Rear Parking Lot	SSHS-B147	4-6	7/23/2015	<0.037U	<0.046U	<0.063U	<0.046U	9.7J	4J	0.45J	<0.037U	<0.068U	14.15
Rear Parking Lot	SSHS-B147	6-8	7/23/2015	<0.004U	<0.005U	<0.0068U	<0.005U	0.38J	0.34J	0.062J	<0.004U	<0.0073U	0.782
Rear Parking Lot	SSHS-B148	2-4	8/3/2015	<0.0038U	<0.0047U	<0.0065U	<0.0047U	0.38J	0.31J	0.082J	<0.0038U	<0.0069U	0.772
Rear Parking Lot	SSHS-B148	4-6	8/3/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.088J	0.085J	0.024J	<0.0038U	<0.007U	0.197
Rear Parking Lot	SSHS-B148	6-8	8/3/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	<0.0048U	<0.0045U	<0.0042U	<0.0038U	<0.007U	<0
Rear Parking Lot	SSHS-B149	2-4	7/21/2015	<0.037U	<0.045U	<0.062U	<0.046U	8.1J	3.2J	0.37J	<0.036U	<0.067U	11.67
Rear Parking Lot	SSHS-B149	4-6	7/21/2015	<0.0036U	<0.0044U	<0.0061U	<0.0044U	2.4J	0.98J	0.12J	<0.0035U	<0.0065U	3.5
Rear Parking Lot	SSHS-B149	6-8	7/21/2015	<0.0038U	<0.0047U	<0.0064U	<0.0047U	<0.0047U	1.2J	0.33J	<0.0038U	<0.0069U	1.53
Rear Parking Lot	SSHS-B156	2-4	8/3/2015	<0.0037U	<0.0045U	<0.0062U	<0.0046U	0.4J	0.31J	0.035J	<0.0036U	<0.0067U	0.745
Rear Parking Lot	SSHS-B157	2-4	7/31/2015	<0.038U	<0.046U	<0.064U	<0.046U	19J	7J	0.98J	<0.037U	<0.068U	26.98
Rear Parking Lot	SSHS-B157	4-6	7/31/2015	<0.0038U	<0.0047U	<0.0065U	<0.0047U	3.7J	1.7J	0.37J	<0.0038U	<0.0069U	5.77
Rear Parking Lot	SSHS-B157	6-8	7/31/2015	<0.0039U	<0.0048U	<0.0066U	<0.0049U	0.13J	0.28J	0.1J	<0.0039U	<0.0071U	0.51
Rear Parking Lot	SSHS-B158	2-4	7/21/2015	<0.18U	<0.23U	<0.31U	<0.23U	26J	8.5J	<0.2U	<0.18U	<0.33U	34.5
Rear Parking Lot	SSHS-B158	4-6	7/21/2015	<0.074U	<0.09U	<0.12U	<0.091U	31J	11J	0.82J	<0.073U	<0.13U	42.82
Rear Parking Lot	SSHS-B158	6-8	7/21/2015	<0.004U	<0.0049U	<0.0067U	<0.0049U	0.52J	0.36J	0.078J	<0.0039U	<0.0072U	0.958
Rear Parking Lot	SSHS-B159	2-4	8/3/2015	<0.073U	<0.09U	<0.12U	<0.091U	32J	14J	1.5J	<0.073U	<0.13U	47.5
Rear Parking Lot	SSHS-B159	4-6	8/3/2015	<0.19U,F1	<0.23U	<0.32U	<0.23U	46J	14J	1.4J	<0.19U	<0.34U	61.4
Rear Parking Lot	SSHS-B159	6-8	8/3/2015	<0.039U	<0.048U	<0.066U	<0.048U	15J	6.2J	0.72J	<0.039U	<0.071U	21.92
Rear Parking Lot	SSHS-B160A	2-4	8/3/2015	<0.074U	<0.09U	<0.12U	<0.091U	19J	6.7J	0.92J	<0.073U	<0.13U	26.62
Rear Parking Lot	SSHS-B160A	4-6	8/3/2015	<0.037U	<0.046U	<0.063U	<0.046U	9.9J	5.1J	0.75J	<0.037U	<0.068U	15.75
Rear Parking Lot	SSHS-B160A	6-8	8/3/2015	<0.036U	<0.044U	<0.061U	<0.045U	9.2J	3.4J	0.47J	<0.036U	<0.065U	13.07
Rear Parking Lot	SSHS-B160A	8-10	8/3/2015	<0.037U	<0.046U	<0.063U	<0.046U	8.1J	3.5J	0.53J	<0.037U	<0.067U	12.13
Rear Parking Lot	SSHS-B161	2-4	8/3/2015	<0.37U	<0.46U	<0.63U	<0.46U	120J	44J	6.1J	<0.37U	<0.67U	170.1
Rear Parking Lot	SSHS-B161	4-6	8/3/2015	<0.038U	<0.047U	<0.064U	<0.047U	5.3J	2.3J	0.24J	<0.038U	<0.069U	7.84
Rear Parking Lot	SSHS-B161	6-8	8/3/2015	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.29J	0.84J	0.14J	<0.0038U	<0.007U	1.27
Rear Parking Lot	SSHS-B162	2-4	8/3/2015	<0.072U	<0.089U	<0.12U	<0.09U	9.9J	3.9J	0.52J	<0.071U	<0.13U	14.32
Rear Parking Lot	SSHS-B162	4-6	8/3/2015	<0.0037U	<0.0046U	<0.0063U	<0.0046U	2.9J	1.1J	0.12J	<0.0037U	<0.0067U	4.12
Rear Parking Lot	SSHS-B162	6-8	8/3/2015	<0.0038U	<0.0047U	<0.0064U	<0.0047U	1.3J	2.4J	0.45J	<0.0038U	<0.0069U	4.15
Rear Parking Lot	SSHS-B23	1-4	5/9/2000	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	-	-	<0
Rear Parking Lot	SSHS-B23	4-8	5/9/2000	<0.04U	<0.04U	<0.04U	<0.04U	0.35	<0.04U	0.083	-	-	0.433
Rear Parking Lot	SSHS-B23	8-12	5/9/2000	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	-	-	<0
Rear Parking Lot	SSHS-B24	2-2.5	7/11/2000	<0.037U	<0.037U	<0.037U	<0.037U	0.057	<0.037U	<0.037U	-	-	0.057
Rear Parking Lot	SSHS-B24	1-4	5/9/2000	<0.038U	<0.038U	<0.038U	<0.038U	0.7D	<0.038U	0.14	-	-	0.84
Rear Parking Lot	SSHS-B299	2-4	7/24/2015	<0.018U	<0.022U	<0.03U	<0.022U	9.2J	4J	0.82J	<0.018U	<0.032U	14.02
Rear Parking Lot	SSHS-B299	4-6	7/24/2015	<0.0036U	<0.0044U	<0.0061U	<0.0044U	2.4J	1J	0.16J	<0.0035U	<0.0065U	3.56
Rear Parking Lot	SSHS-B299	6-8	7/24/2015	<0.0037U	<0.0045U	<0.0062U	<0.0046U	<0.0045U	<0.0043U	<0.0039U	<0.0036U	<0.0067U	<0
Rear Parking Lot	SSHS-B35	2-4	5/9/2000	<0.04U	<0.04U	<0.04U	<0.04U	0.25	<0.04U	<0.04U	-	-	0.25
Rear Parking Lot	SSHS-B369	2-4	3/7/2016	<0.0087U	<0.014U	<0.0047U	<0.007U	4.9J	2.1J	0.22J	<0.0035U	<0.0059U	7.22
Rear Parking Lot	SSHS-B369	4-6	3/7/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	0.22J	0.086J	0.01J	<0.0034U	<0.0056U	0.316
Rear Parking Lot	SSHS-B370	2-4	3/7/2016	<0.0081U	<0.013U	<0.0044U	<0.0065U	0.85J	0.3J	0.032J	<0.0033U	<0.0055U	1.182
Rear Parking Lot	SSHS-B370	4-6	3/7/2016	<0.0079U	<0.013U	<0.0043U	<0.0064U	0.77J	0.3J	0.029J	<0.0032U	<0.0054U	1.099
Rear Parking Lot	SSHS-B371	2-4	3/8/2016	<0.082U	<0.13U	<0.045U	<0.066U	11J	2.5J	0.53J	<0.033U	<0.056U	14.03
Rear Parking Lot	SSHS-B371	4-6	3/8/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	3.7J	1.3J	0.22J	<0.0034U	<0.0057U	5.22
Rear Parking Lot	SSHS-B371	6-8	3/8/2016	<0.0087U	<0.014U	<0.0047U	<0.007U	3J	4J	1.1J	<0.0035U	<0.0059U	8.1
Rear Parking Lot	SSHS-B371	8-10	3/8/2016	<0.009U	<0.014U	<0.0049U	<0.0072U	4.4J	3.1J	0.75J	<0.0037U	<0.0061U	8.25
Rear Parking Lot	SSHS-B372	2-4	3/8/2016	<0.083U	<0.13U	<0.045U	<0.067U	21J	7.7J	1.1J	<0.034U	<0.056U	29.8
Rear Parking Lot	SSHS-B372	4-6	3/8/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	1.7J	0.57J	0.11J	<0.0034U	<0.0056U	2.38
Rear Parking Lot	SSHS-B373	2-4	3/10/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	1.2J	0.57J	0.14J	<0.0034U	<0.0056U	1.91
Rear Parking Lot	SSHS-B373	4-6	3/10/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	0.22J	0.12J	0.029J	<0.0036U	<0.006U	0.369
Rear Parking Lot	SSHS-B373	6-8	3/10/2016	<0.0093U	<0.015U	<0.0051U	<0.0075U	0.87J	1.3J	0.37J	<0.0038U	<0.0063U	2.54
Rear Parking Lot	SSHS-B373	8-10	3/10/2016	<0.0091U,F2	<0.014U	<0.005U	<0.0074U	0.83J	0.97J	0.28J	<0.0037U	<0.0062U	2.08
Rear Parking Lot	SSHS-B374	2-4	3/10/2016	<0.0079U	<0.012U	<0.0043U	<0.0064U	0.22J	0.12J	0.034J	<0.0032U	<0.0053U	0.374

TABLE 3
Summary of PCB Results for Subsurface Soils
(below 2 ft bgs)
Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00021	0.00033	0.00011	0.00017	0.00011	0.00017	0.00016	0.000085	0.00014	
Subsurface Soil Criteria													10
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**										
Rear Parking Lot	SSHS-B374	4-6	3/10/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	0.008J	<0.0066U	<0.0061U	<0.0033U	<0.0055U	0.008
Rear Parking Lot	SSHS-B374	6-8	3/10/2016	<0.0086U	<0.014U	<0.0047U	<0.007U	0.099J	0.1J	0.035J	<0.0035U	<0.0059U	0.234
Rear Parking Lot	SSHS-B375	2-4	3/8/2016	<0.0083U	<0.013U	<0.0046U	<0.0067U	0.046	<0.0067U	<0.0062U	<0.0034U	<0.0056U	0.046
Rear Parking Lot	SSHS-B375	8-10	3/8/2016	<0.0095U	<0.015U	<0.0052U	<0.0077U	0.092J	0.047J	<0.0071U	<0.0039U	<0.0064U	0.139
Rear Parking Lot	SSHS-B376	2-4	3/8/2016	<0.0087U	<0.014U	<0.0048U	<0.007U	0.17J	0.075J	0.02J	<0.0035U	<0.0059U	0.265
Rear Parking Lot	SSHS-B377	8-10	3/8/2016	<0.087U	<0.14U	<0.047U	<0.07U	42J	8.7J	1.9J	<0.035U	<0.059U	52.6
Rear Parking Lot	SSHS-B377	10-12	3/8/2016	<0.0085U	<0.013U	<0.0047U	<0.0069U	0.53J	0.18J	0.034J	<0.0035U	<0.0058U	0.744
Rear Parking Lot	SSHS-B378	2-4	3/8/2016	<0.42U	<0.67U	<0.23U	<0.34U	63J	15J	3.8J	<0.17U	<0.29U	81.8
Rear Parking Lot	SSHS-B378	4-6	3/8/2016	<0.009U	<0.014U	<0.0049U	<0.0073U	1.6J	0.46J	0.1J	<0.0037U	<0.0061U	2.16
Rear Parking Lot	SSHS-B378	8-10	3/8/2016	<0.0086U	<0.014U	<0.0047U	<0.0069U	4.7J	1.2J	0.25J	<0.0035U	<0.0058U	6.15
Rear Parking Lot	SSHS-B379	2-4	3/8/2016	<0.0095U	<0.015U	<0.0052U	<0.0077U	1.6J	0.45J	0.11J	<0.0039U	<0.0065U	2.16
Rear Parking Lot	SSHS-B382	2-4	3/9/2016	<0.0087U	<0.014U	<0.0048U	<0.007U	<0.0044U	<0.007U	<0.0065U	<0.0035U	<0.0059U	<0
Rear Parking Lot	SSHS-B383	2-4	3/10/2016	<0.0092U	<0.014U	<0.005U	<0.0074U	0.023J	0.016J	<0.0069U	<0.0037U	<0.0062U	0.039
Rear Parking Lot	SSHS-B383	4-6	3/10/2016	<0.0091U	<0.014U	<0.005U	<0.0073U	<0.0047U	<0.0073U	<0.0068U	<0.0037U	<0.0062U	<0
Rear Parking Lot	SSHS-B383	8-10	3/10/2016	<0.009U	<0.014U	<0.0049U	<0.0072U	<0.0046U	<0.0072U	<0.0067U	<0.0037U	<0.0061U	<0
Rear Parking Lot	SSHS-B384	2-4	3/8/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	0.9J	0.19J	<0.0066U	<0.0036U	<0.006U	1.09
Rear Parking Lot	SSHS-B384	4-6	3/8/2016	<0.0081U	<0.013U	<0.0044U	<0.0065U	0.16J	0.028J	<0.006U	<0.0033U	<0.0055U	0.188
Rear Parking Lot	SSHS-B385	2-4	3/7/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	4J	1.7J	0.2J	<0.0034U	<0.0056U	5.9
Rear Parking Lot	SSHS-B385	4-6	3/7/2016	<0.0086U	<0.014U	<0.0047U	<0.0069U	1.4J	0.52J	0.059J	<0.0035U	<0.0058U	1.979
Rear Parking Lot	SSHS-B386	2-4	3/8/2016	<0.0085U	<0.013U	<0.0047U	<0.0069U	1J	1.1J	0.29J	<0.0035U	<0.0058U	2.39
Rear Parking Lot	SSHS-B386	4-6	3/8/2016	<0.0086U	<0.014U	<0.0047U	<0.007U	0.3J	0.4J	0.11J	<0.0035U	<0.0059U	0.81
Rear Parking Lot	SSHS-B387	2-4	3/8/2016	<0.0086U	<0.014U	<0.0047U	<0.0069U	0.021	<0.0069U	<0.0064U	<0.0035U	<0.0058U	0.021
Rear Parking Lot	SSHS-B387	4-6	3/8/2016	<0.0087U	<0.014U	<0.0048U	<0.007U	0.58J	0.16J	0.034J	<0.0035U	<0.0059U	0.774
Rear Parking Lot	SSHS-B388	6-8	3/10/2016	<0.0086U	<0.014U	<0.0047U	<0.007U	0.66J	0.42J	0.39J	<0.0035U	<0.0059U	1.47
Rear Parking Lot	SSHS-B389	8-10	3/10/2016	<0.089U	<0.14U	<0.049U	<0.072U	17J	5J	0.79J	<0.036U	<0.061U	22.79
Rear Parking Lot	SSHS-B389	10-12	3/10/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	0.0084J	<0.0071U	<0.0066U	<0.0036U	<0.006U	0.0084
Rear Parking Lot	SSHS-B390	8-10	3/10/2016	<0.043U	<0.069U	<0.024U	<0.035U	9.2J	3.3J	0.57J	<0.018U	<0.029U	13.07
Rear Parking Lot	SSHS-B391	8-10	3/10/2016	<0.0087U	<0.014U	<0.0048U	<0.007U	1.2J	0.38J	0.062J	<0.0035U	<0.0059U	1.642
Rear Parking Lot	SSHS-B392	8-10	3/10/2016	<0.0087U	<0.014U	<0.0048U	<0.007U	1J	0.34J	0.055J	<0.0035U	<0.0059U	1.395
Rear Parking Lot	SSHS-B393	8-10	3/10/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	1.9J	0.58J	0.13J	<0.0033U	<0.0056U	2.61
Rear Parking Lot	SSHS-B394	2-4	3/8/2016	<0.0086U,F2	<0.014U	<0.0047U	<0.0069U	1.1J	0.32J	0.074J	<0.0035U	<0.0058U	1.494
Rear Parking Lot	SSHS-B394	4-6	3/8/2016	<0.0086U	<0.014U	<0.0047U	<0.0069U	3.4J	0.72J	0.14J	<0.0035U	<0.0058U	4.26
Rear Parking Lot	SSHS-B394	8-10	3/8/2016	<0.0085U	<0.013U	<0.0047U	<0.0069U	2.5J	0.54J	0.085J	<0.0035U	<0.0058U	3.125
Rear Parking Lot	SSHS-B395	8-10	3/10/2016	<0.0087U	<0.014U	<0.0048U	<0.007U	2J	0.69J	0.14J	<0.0035U	<0.0059U	2.83
Rear Parking Lot	SSHS-B396	8-10	3/10/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	0.25J	0.095J	0.017J	<0.0036U	<0.006U	0.362
Rear Parking Lot	SSHS-B520	2-4	9/22/2016	<0.009U	<0.014U	<0.0049U	<0.0072U	0.037J	0.0086J	<0.0067U	<0.0037U	<0.0061U	0.0714
Rear Parking Lot	SSHS-B520	4-6	9/22/2016	<0.0086U	<0.014U	<0.0047U	<0.0069U	0.78J	0.2J	0.027J	<0.0035U	<0.0058U	1.029
Rear Parking Lot	SSHS-B520	6-8	9/22/2016	<0.0086U	<0.014U	<0.0047U	<0.0069U	<0.0044U	<0.0069U	<0.0064U	<0.0035U	<0.0058U	<0.0612
Rear Parking Lot	SSHS-B520	8-10	9/22/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	0.5J	0.14J	0.018J	<0.0036U	<0.0059U	0.6801
Rear Parking Lot	SSHS-B525	2-4	9/16/2016	<0.008U	<0.013U	<0.0044U	<0.0065U	1.6J	0.98J	0.33J	<0.0033U	<0.0054U	2.93
Rear Parking Lot	SSHS-B526	2-4	9/16/2016	<0.42U	<0.67U	<0.23U	<0.34U	94J	34J	6.5J	<0.17U	<0.29U	135.6
Rear Parking Lot	SSHS-B527	2-4	9/16/2016	<0.43U	<0.67U	<0.23U	<0.34U	130J	42J	6.9J	<0.17U	<0.29U	180
Rear Parking Lot	SSHS-B528	2-4	9/16/2016	<0.42U	<0.67U	<0.23U	<0.34U	70J	23J	4J	<0.17U	<0.29U	98.06
Rear Parking Lot	SSHS-B530	2-4	9/22/2016	<0.0083U	<0.013U	<0.0046U	<0.0067U	0.43J	0.21J	0.035J	<0.0034U	<0.0056U	0.6958
Rear Parking Lot	SSHS-B532	2-4	9/22/2016	<0.0086U	<0.014U	<0.0047U	<0.007U	2.3J	0.82J	0.11J	<0.0035U	<0.0059U	3.252
Rear Parking Lot	SSHS-B532	4-6	9/22/2016	<0.0086U,F2	<0.014U	<0.0047U	<0.007U	0.37J	0.14J	0.02J	<0.0035U	<0.0059U	0.5519
Rear Parking Lot	SSHS-B532	6-8	9/22/2016	<0.009U	<0.014U	<0.0049U	<0.0073U	<0.0046U	<0.0073U	<0.0067U	<0.0037U	<0.0061U	<0.0636
Rear Parking Lot	SSHS-B532	8-10	9/22/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	0.19J	0.071J	<0.0066U	<0.0036U	<0.006U	0.2865
Rear Parking Lot	SSHS-B533	8-10	9/22/2016	<0.0085U	<0.013U	<0.0047U	<0.0069U	2.3J	0.74J	0.1J	<0.0035U	<0.0058U	3.161
Rear Parking Lot	SSHS-B534	4-6	9/22/2016	<0.04U	<0.063U	<0.022U	<0.032U	8.8J	2.4J	0.32J	<0.016U	<0.027U	11.62
Rear Parking Lot	SSHS-B534	8-10	9/22/2016	<0.0079U	<0.012U	<0.0043U	<0.0064U	4.6J	1.2J	0.17J	<0.0032U	<0.0054U	5.99
Rear Parking Lot	SSHS-B535	8-10	9/22/2016	<0.0083U	<0.013U	<0.0045U	<0.0067U	0.35J	0.11J	0.014J	<0.0034U	<0.0056U	0.4948
Rear Parking Lot	SSHS-B536	4-6	9/21/2016	<0.0086U	<0.014U	<0.0047U	<0.0069U	1.4J	0.46J	0.059J	<0.0035U	<0.0058U	1.941
Rear Parking Lot	SSHS-B536	6-8	9/21/2016	<0.0085U	<0.013U	<0.0047U	<0.0069U	0.19J	0.088J	0.019J	<0.0035U	<0.0058U	0.3182
Rear Parking Lot	SSHS-B536	8-10	9/21/2016	<0.0092U	<0.015U	<0.005U	<0.0074U	1.2J	0.58J	0.11J	<0.0038U	<0.0062U	1.913
Rear Parking Lot	SSHS-B537	8-10	9/22/2016	<0.088U	<0.14U	<0.048U	<0.071U	17J	6.8J	0.9J	<0.036U	<0.06U	24.92
Rear Parking Lot	SSHS-B537	10-12	9/22/2016	<0.0087U	<0.014U	<0.0048U	<0.007U	<0.019U	<0.007U	<0.0065U	<0.0036U	<0.0059U	<0.0765
Rear Parking Lot	SSHS-B538	8-10	9/21/2016	<0.0089U,F2	<0.014U	<0.0048U	<0.0071U	3.9J	1.5J	0.17J	<0.0036U	<0.006U	5.592
Rear Parking Lot	SSHS-B538	10-12	9/21/2016	<0.0091U	<0.014U	<0.005U	<0.0073U	<0.0047U	<0.0073U	<0.0068U	<0.0037U	<0.0062U	<0.0641
Rear Parking Lot	SSHS-B539	6-8	9/21/2016	<0.0089U	<0.014U	<0.0049U	<0.0072U	3.3J	1.2J	0.16J	<0.0036U	<0.006U	4.682
Rear Parking Lot	SSHS-B540	8-10	9/22/2016	<0.0083U	<0.013U	<0.0046U	<0.0067U	1.3J	0.49J	0.074J	<0.0034U	<0.0056U	1.885
Rear Parking Lot	SSHS-B541	8-10	9/21/2016	<0.01U	<0.016U	<0.0055U	<0.0081U	1.9J	0.57J	0.069J	<0.0041U	<0.0068U	2.564
Rear Parking Lot	SSHS-B542	8-10	9/22/2016	<0.0083U	<0.013U	<0.0046U	<0.0067U	1.6J	0.44J	0.072J	<0.0034U	<0.0057U	2.133
Rear Parking Lot	SSHS-B542	10-12	9/22/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	<0.0043U	<0.0068U	<0.0063U	<0.0034U	<0.0057U	<0.0593
Rear Parking Lot	SSHS-B543	8-10	9/21/2016	<0.046U	<0.072U	<0.025U	<0.037U	8J	2.5J	0.42J	<0.019U	<0.031U	11.04
Rear Parking Lot	SSHS-B543	10-12	9/21/2016	<0.0095U	<0.015U	<0.0052U	<0.0077U	<0.0049U	<0.0077U	<0.0071U	<0.0039U	<0.0065U	<0.0675
Rear Parking Lot	SSHS-B544	4-6	9/22/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.22J	0.09J	0.015J	<0.0034U	<0.0057U	0.346
Rear Parking Lot	SSHS-B544	8-10	9/22/2016	<0.0087U	<0.014U	<0.0048U	<0.007U	0.089J	0.031J	<0.0065U	<0.0035U	<0.0059U	0.1452
Rear Parking Lot	SSHS-B545	8-10	9/22/2016	<0.009U	<0.014U	<0.0049U	<0.0073U	0.11J	<0.0073U	<0.0067U	<0.0037U	<0.0061U	0.1395
Rear Parking Lot	SSHS-B545	10-12	9/22/2016	<0.0086U	<0.013U	<0.0047U	<0.0069U	<0.0044U	<0.0069U	<0.0064U	<0.0035U	<0.0058U	<0.0602
Rear Parking Lot	SSHS-B546	6-8	9/21/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	0.12J	0.019J	<0.0062U	<0.0034U	<0.0056U	0.1628
Rear Parking Lot	SSHS-B547	6-8	9/21/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	<0.0045U	<0.0071U	<0.0066U	<0.0036U	<0.006U	<0.0625
Rear Parking Lot	SSHS-B548	6-8	9/21/2016	<0.092U	<0.14U	<0.05U	<0.074U	26J	10J	1.5J	<0.037U	<0.062U	37.73
Rear Parking Lot	SSHS-B549	6-8	9/21/2016	<0.0086U	<0.014U	<0.0047U	<0.007U	0.3J	0.13J	0.023J	<0.0035U	<0.0059U	0.4749
Rear Parking Lot	SSHS-B550	6-8	9/22/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.0043 - 2.3	0.0068 - 0.6	0.0063 - 0.07	<0.0034U	<0.0057U	0.0593 - 3.05
Rear Parking Lot	SSHS-B550	8-10	9/22/2016	<0.0095U	<0.015U	<0.0052U	<0.0076U	0.64J	0.16J	0.022J	<0.0039U	<0.0064U	0.8458
Rear Parking Lot	SSHS-B551	4-6	9/21/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.17J	0.14J	0.029J	<0.0034U	<0.0057U	0.36
Rear Parking Lot	SSHS-B552	4-6	9/21/2016	<0.17U	<0.28U	<0.095U	<0.14U	53J	14J	1.8J	<0.071U	<0.12U	69.24
Rear Parking Lot	SSHS-B552	6-8	9/21/2016	<0.009U	<0.014U	<0.0049U	<0.0072U	0.83J	0.34J	0.06J	<0.0037U	<0.0061U	1.252
Rear Parking Lot	SSHS-B552	8-10	9/21/2016	<0.0094U	<0.015U	<0.0052U	<0.0076U	1.1J	0.34J	0.054J	<0.0038U	<0.0064U	1.518
Rear Parking Lot	SSHS-B553	4-6	9/21/2016	<0.043U	<0.068U	<0.024U	<0.035U	7.2J	2.5J	0.43J	<0.018U	<0.029U	10.24
Rear Parking Lot	SSHS-B554	2-4	9/16/2016	<0.0094U	<0.015U	<0.0051U	<0.0076U	0.18J	0.16J	0.079J	<0.0038U	<0.0064U	0.4427
Rear Parking Lot	SSHS-B555	2-4	9/16/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.59J	0.22J	0.035J	<0.0034U	<0.0057U	0.866
Rear Parking Lot	SSHS-B555	4-6	9/16/2016	<0.0087U	<0.014U	<0.0047U	<0.007U	0.08J	0.029J	<0.0065U	<0.0035U	<0.0059U	0.1342
Rear Parking Lot	SSHS-B555	6-8	9/16/2016	<0.0088U	<0.014U	<0.0048U	<0.0071U	0.011J	<0.0071U	<0.0066U	<0.0036U	<0.006U	0.04
Rear Parking Lot	SSHS-B555	8-10	9/16/2016	<0.0086U	<0.013U	<0.0047U	<0.0069U	0.024	<0.0069U	<0.0064U	<0.0035U	<0.0058U	0.0519
Rear Parking Lot	SSHS-B555	10-12	9/16/2016	<0.0089U	<0.014U	<0.0048U	<0.0071U	0.0092J	<0.0071U	<0.0066U	<0.0036U	<0.006U	0.03825
Rear Parking Lot	SSHS-B555	12-14	9/16/2016	<0.0095U	<0.015U	<0.0052U	<0.0076U	0.053J	0.017J	<0.0071U	<0.0039U	<0.0064U	0.09735
Rear Parking Lot	SSHS-B556	2-4	9/16/2016	<0.0087U	<0.014U	<0.0047U	<0.007U	<0.0044U	0.059J	0.028J	<0.0035U	<0.0059U	0.1111
Rear Parking Lot	SSHS-B556	4-6	9/16/2016	<0.009U	<0.014U	<0.0049U	<0.0073U	0.016J	<0.0073U	<0.0067U	<0.0037U	<0.0061U	0.0455
Rear Parking Lot	SSHS-B556	6-8	9/16/2016	<0.0087U	<0.014U	<0.0048U	<0.007U	0.31J	0.14J	0.04J	<0.0035U	<0.0059U	0.512
Rear Parking Lot	SSHS-B556	8-10	9/23/2016	<0.0093U	<0.015U	<0.0051U	<0.0075U	0.35J	0.15J	0.055J	<0.0038U	<0.0063U	0.5785
Rear Parking Lot	SSHS-B556	10-12	9/23/2016	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.18J	0.077J	0.028J	<0.0034U	<0.0057U	0.306
Rear Parking Lot	SSHS-B556	12-14	9/16/2016	<0.0091U	<0.014U	<0.005U	<0.0074U	1.3J	0.47J	0.067J	<0.0037U	<0.0062U	1.86

TABLE 3
Summary of PCB Results for Subsurface Soils
(below 2 ft bgs)
Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00021	0.00033	0.00011	0.00017	0.00011	0.00017	0.00016	0.000085	0.00014	
Subsurface Soil Criteria													10
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**										
Rear Parking Lot	SSHS-B557	2-4	9/7/2016	<0.001U	<0.0016U	<0.00056U	<0.00083U	0.28J	0.25J	0.055J	<0.00042U	<0.00069U	0.5876
Rear Parking Lot	SSHS-B557	4-6	9/7/2016	<0.001U	<0.0016U	<0.00056U	<0.00083U	0.25J	0.17J	0.028J	<0.00042U	<0.0007U	0.4506
Rear Parking Lot	SSHS-B557	6-8	9/7/2016	<0.00022U,F2,F1	<0.00034U	<0.00012U	<0.00018U	<0.00011U	<0.00018U	.00016U,F2	<0.000089U	<0.00015U	<0.001549
Rear Parking Lot	SSHS-B557	8-10	9/7/2016	<0.001U	<0.0016U	<0.00056U	<0.00083U	0.28J	0.22J	0.11J	<0.00042U	<0.0007U	0.6126
Rear Parking Lot	SSHS-B557	10-12	9/7/2016	<0.00022U	<0.00035U	<0.00012U	<0.00018U	0.00024J	<0.00018U	<0.00016U	<0.000089U	<0.00015U	0.0009645
Rear Parking Lot	SSHS-B557	12-14	9/7/2016	<0.00021U	<0.00034U	<0.00012U	<0.00017U	0.0098J	0.0073J	0.0015J	<0.000087U	<0.00014U	0.01913
Rear Parking Lot	SSHS-B558	2-4	9/7/2016	<0.00021U	<0.00033U	<0.00011U	<0.00017U	0.00021J	<0.00017U	<0.00016U	<0.000085U	<0.00014U	0.0008975
Rear Parking Lot	SSHS-B558	4-6	9/7/2016	<0.00021U	<0.00033U	<0.00011U	<0.00017U	0.07J	0.036J	0.0057J	<0.000085U	<0.00014U	0.1122
Rear Parking Lot	SSHS-B558	6-8	9/7/2016	<0.00022U	<0.00034U	<0.00012U	<0.00017U	0.0014J	0.0012J	0.00045J	<0.000088U	<0.00015U	0.003594
Rear Parking Lot	SSHS-B558	8-10	9/7/2016	<0.0022U	<0.0034U	<0.0012U	<0.0018U	0.18J	0.092J	0.014J	<0.00089U	<0.0015U	0.2915
Rear Parking Lot	SSHS-B558	10-12	9/7/2016	<0.00021U	<0.00034U	<0.00012U	<0.00017U	0.00027J	0.00024J	0.00018J	<0.000088U	<0.00015U	0.001229
Rear Parking Lot	SSHS-B559	2-4	9/7/2016	<0.0021U	<0.0032U	<0.0011U	<0.0017U	0.049J	0.031J	0.0064J	<0.00084U	<0.0014U	0.09157
Rear Parking Lot	SSHS-B559	4-6	9/7/2016	<0.002U	<0.0032U	<0.0011U	<0.0016U	0.64J	0.4J	0.057J	<0.00083U	<0.0014U	1.102
Rear Parking Lot	SSHS-B559	6-8	9/7/2016	<0.00021U	<0.00034U	<0.00012U	<0.00017U	<0.00011U	<0.00017U	<0.00016U	<0.000087U	<0.00014U	<0.001507
Rear Parking Lot	SSHS-B559	8-10	9/7/2016	<0.001U	<0.0016U	<0.00055U	<0.00081U	0.26J	0.15J	0.024J	<0.00041U	<0.00068U	0.4365
Rear Parking Lot	SSHS-B559	10-12	9/7/2016	<0.00023U	<0.00036U	<0.00012U	<0.00018U	0.053J	0.037J	0.0072J	<0.000092U	<0.00015U	0.09777
Rear Parking Lot	SSHS-B560	2-4	9/7/2016	<0.001U	<0.0016U	<0.00055U	<0.00081U	0.18J	0.12J	0.033J	<0.00041U	<0.00068U	0.3355
Rear Parking Lot	SSHS-B560	4-6	9/7/2016	<0.0021U	<0.0033U	<0.0011U	<0.0017U	0.39J	0.26J	0.046J	<0.00086U	<0.0014U	0.7012
Rear Parking Lot	SSHS-B560	6-8	9/7/2016	<0.00021U	<0.00033U	<0.00012U	<0.00017U	0.0046J	0.0036J	0.00045J	<0.000087U	<0.00014U	0.009179
Rear Parking Lot	SSHS-B560	8-10	9/7/2016	<0.002U	<0.0032U	<0.0011U	<0.0016U	0.49J	0.35J	0.066J	<0.00083U	<0.0014U	0.9111
Rear Parking Lot	SSHS-B560	10-12	9/7/2016	<0.00022U	<0.00035U	<0.00012U	<0.00018U	<0.00011U	0.00025J	<0.00016U	<0.00009U	<0.00015U	0.00094
Rear Parking Lot	SSHS-B64	4-6	8/14/2014	<0.0029U	<0.0037U	<0.0033U	<0.0031U	0.051	<0.0027U	<0.0027U	<0.0025U	<0.0042U	0.051
Rear Parking Lot	SSHS-B64	6-9	8/14/2014	<0.0029U	<0.0037U	<0.0033U	<0.0032U	0.13	<0.0028U	<0.0028U	<0.0025U	<0.0043U	0.13
Rear Parking Lot	SSHS-B64	10-12	8/14/2014	<0.0029U	<0.0037U	<0.0033U	<0.0032U	<0.0018U	<0.0028U	<0.0028U	<0.0025U	<0.0042U	<0
Rear Parking Lot	SSHS-B65	4-6	8/14/2014	<0.14U	<0.18U	<0.16U	<0.15U	71	<0.13U	5.4	<0.12U	<0.2U	76.4
Rear Parking Lot	SSHS-B65	8-10	8/14/2014	<0.0031U	<0.004U	<0.0036U	<0.0034U	2	<0.003U	0.17	<0.0027U	<0.0046U	2.17
Rear Parking Lot	SSHS-B65	10-12	8/14/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
Rear Parking Lot	SSHS-B66	2-4	8/14/2014	<0.054U	<0.07U	<0.063U	<0.06U	26	<0.052U	1.2	<0.047U	<0.08U	27.2
Rear Parking Lot	SSHS-B66	6-8	8/14/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	0.91	<0.0025U	0.083J	<0.0023U	<0.0038U	0.993
Rear Parking Lot	SSHS-B67	2-6	8/14/2014	<0.59U	<0.75U	<0.68U	<0.64U	160	<0.56U	8.3	<0.51U	<0.86U	168.3
Rear Parking Lot	SSHS-B67	8-10	8/14/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	0.5	<0.0026U	0.022	<0.0023U	<0.004U	0.522
Rear Parking Lot	SSHS-B67	10-12	8/14/2014	<0.0026U	<0.0034U	<0.003U	<0.0029U	0.065	<0.0025U	<0.0025U	<0.0023U	<0.0039U	0.065
Rear Parking Lot	SSHS-B68	2-6	8/14/2014	<0.13U	<0.17U	<0.16U	<0.15U	60	<0.13U	3	<0.12U	<0.2U	63
Rear Parking Lot	SSHS-B68	6-8	8/14/2014	<0.0027U	<0.0035U	<0.0031U	<0.003U	0.49	<0.0026U	0.1	<0.0023U	<0.004U	0.59
Rear Parking Lot	SSHS-B69	2-4	8/14/2014	<0.59U	<0.75U	<0.68U	<0.64U	390	<0.56U	18	<0.51U	<0.87U	408
Rear Parking Lot	SSHS-B69	4-6	8/14/2014	<0.14U	<0.17U	<0.16U	<0.15U	48	<0.13U	2.2	<0.12U	<0.2U	50.2
Rear Parking Lot	SSHS-B828	2-4	1/14/2018	<0.0062U	<0.012U	<0.011U	<0.011U	0.68J	0.23J	0.073J	<0.0092U	<0.013U	1.014
Rear Parking Lot	SSHS-B829	2-4	1/10/2018	<0.0059U	<0.012U	<0.011U	<0.011U	1.2	0.47	0.11	<0.0088U	<0.013U	1.811
Rear Parking Lot	SSHS-B829	4-6	1/10/2018	<0.0058U	<0.012U	<0.011U	<0.011U	0.068	0.035	<0.0051U	<0.0087U	<0.013U	0.1363
Rear Parking Lot	SSHS-B830	2-4	1/11/2018	<0.59U	<1.2U	<1.1U	<1.1U	130J	34J	8J	<0.88U	<1.3U	175.1
Rear Parking Lot	SSHS-B830	4-6	1/23/2018	<0.064U	<0.13U	<0.12U	<0.12U	26	6.3	0.86	<0.096U	<0.14U	33.5
Rear Parking Lot	SSHS-B830	6-8	1/23/2018	<0.061U	<0.12U	<0.11U	<0.11U	20	6.8	1.3	<0.091U	<0.13U	28.41
Rear Parking Lot	SSHS-B831	2-4	1/10/2018	<0.061U	<0.12U	<0.11U	<0.11U	8.7J	3.4J	0.78J	<0.091U	<0.13U	13.19
Rear Parking Lot	SSHS-B831	4-6	1/10/2018	<0.0062U	<0.012U	<0.011U	<0.011U	0.69	0.68	0.26	<0.0092U	<0.013U	1.661
Rear Parking Lot	SSHS-B832	2-4	1/10/2018	<0.3U	<0.59U	<0.54U	<0.55U	84J	23J	5.4J	<0.44U	<0.64U	113.9
Rear Parking Lot	SSHS-B832	4-6	1/10/2018	<0.0063U	<0.012U	<0.011U	<0.012U	0.59	0.34	0.095	<0.0094U	<0.014U	1.057
Rear Parking Lot	SSHS-B832	6-8	1/10/2018	<0.0061U	<0.012U	<0.011U	<0.011U	1.1	0.59	0.14	<0.0091U	<0.013U	1.861
Rear Parking Lot	SSHS-B834	2-4	1/12/2018	<0.06U	<0.12U	<0.11U	<0.11U	19J	7.3J	1.4J	<0.09U	<0.13U	28.01
Rear Parking Lot	SSHS-B834	4-6	1/12/2018	<0.0058U	<0.012U	<0.011U	<0.011U	2.2J	0.75J	0.17J	<0.0087U	<0.013U	3.151
Rear Parking Lot	SSHS-B834	6-8	1/12/2018	<0.0057U	<0.011U	<0.01U	<0.011U	2.8J	0.94J	0.18J	<0.0086U	<0.012U	3.949
Rear Parking Lot	SSHS-B835	4-6	1/9/2018	<0.0059U	<0.012U	<0.011U	<0.011U	3J	1J	0.22J	<0.0088U	<0.013U	4.251
Rear Parking Lot	SSHS-B835	6-8	1/9/2018	<0.0061U	<0.012U	<0.011U	<0.011U	4.1	1.7	0.26	<0.0091U	<0.013U	6.091
Rear Parking Lot	SSHS-B836	2-4	1/12/2018	<0.059U	<0.12U	<0.11U	<0.11U	12J	4.9J	1J	<0.088U	<0.13U	18.21
Rear Parking Lot	SSHS-B836	4-6	1/12/2018	<0.03U	<0.06U	<0.055U	<0.056U	8.3J	3.7J	0.84J	<0.045U	<0.065U	13
Rear Parking Lot	SSHS-B836	6-8	1/12/2018	<0.063U	<0.12U	<0.11U	<0.12U	10	4.5	0.5p	<0.094U	<0.14U	15.32
Rear Parking Lot	SSHS-B837	2-4	1/20/2018	<0.059U	<0.12U	<0.11U	<0.11U	22J	9.9J	0.99J	<0.088U	<0.13U	33.2
Rear Parking Lot	SSHS-B837	4-6	1/20/2018	<0.062U	<0.12U	<0.11U	<0.11U	1.6J	0.96J	0.11J	<0.092U	<0.13U	2.982
Rear Parking Lot	SSHS-B838	2-4	1/9/2018	<0.062U	<0.12U	<0.11U	<0.11U	28J	9.8J	2.2J	<0.092U	<0.13U	40.31
Rear Parking Lot	SSHS-B838	4-6	1/9/2018	<0.29U	<0.59U	<0.54U	<0.54U	64J	20J	3.8J	<0.44U	<0.63U	89.32
Rear Parking Lot	SSHS-B838	6-8	1/9/2018	<0.0059U	<0.012U	<0.011U	<0.011U	3.7J	1.4J	0.37J	<0.0088U	<0.013U	5.501
Rear Parking Lot	SSHS-B838	10-12	1/9/2018	<0.0061U	<0.012U	<0.011U	<0.011U	4.6J	1.3J	0.26J	<0.0091U	<0.013U	6.191
Rear Parking Lot	SSHS-B838	12-14	1/9/2018	<0.0069U	<0.014U	<0.013U	<0.013U	0.38	0.14	0.026	<0.01U	<0.015U	0.582
Rear Parking Lot	SSHS-B839	6-8	1/18/2018	<0.0061U	<0.012U	<0.011U	<0.011U	0.39J	0.12J	0.025J	<0.0091U	<0.013U	0.5661
Rear Parking Lot	SSHS-B839	8-10	1/18/2018	<0.0062U	<0.012U	<0.011U	<0.011U	0.063J	0.02J	<0.0055U	<0.0093U	<0.013U	0.117
Rear Parking Lot	SSHS-B839	10-12	1/18/2018	<0.12U	<0.24U	<0.22U	<0.22U	41J	9.2J	1.8J	<0.18U	<0.26U	52.62
Rear Parking Lot	SSHS-B839	12-14	1/18/2018	<0.0063U	<0.013U	<0.011U	<0.012U	2.2	0.58	0.14	<0.0094U	<0.014U	2.953
Rear Parking Lot	SSHS-B840	2-4	1/20/2018	<0.31U	<0.62U	<0.57U	<0.57U	270J	88J	10J	<0.46U	<0.67U	369.6
Rear Parking Lot	SSHS-B840	4-6	1/20/2018	<0.061U	<0.12U	<0.11U	<0.11U	18J	6.1J	0.9J	<0.09U	<0.13U	25.31
Rear Parking Lot	SSHS-B840	6-8	1/20/2018	<0.0064U	<0.013U	<0.012U	<0.012U	0.93J	0.32J	0.046J	<0.0096U	<0.014U	1.33
Rear Parking Lot	SSHS-B840	8-10	1/20/2018	<0.0061U	<0.012U	<0.011U	<0.011U	0.38J	0.13J	0.011J	<0.0091U	<0.013U	0.5521
Rear Parking Lot	SSHS-B840	10-12	1/20/2018	<0.0063U	<0.013U	<0.011U	<0.012U	3J	0.99J	0.14J	<0.0094U	<0.014U	4.163
Rear Parking Lot	SSHS-B840	12-14	1/20/2018	<0.0067U	<0.013U	<0.012U	<0.012U	1.9	0.55	0.073	<0.0099U	<0.014U	2.557
Rear Parking Lot	SSHS-B841	2-4	1/20/2018	<0.061U	<0.12U	<0.11U	<0.11U	51J	19J	2.2J	<0.091U	<0.13U	72.51
Rear Parking Lot	SSHS-B841	4-6	1/20/2018	<0.12U	<0.25U	<0.22U	<0.23U	47J	19J	2.8J	<0.18U	<0.27U	69.44
Rear Parking Lot	SSHS-B841	6-8	1/20/2018	<0.0068UJ	<0.013UJ	<0.012UJ	<0.012UJ	0.13J	0.047J	<0.0059UJ	<0.01UJ	<0.015UJ	0.2144
Rear Parking Lot	SSHS-B841	8-10	1/20/2018	<0.006U	<0.012U	<0.011U	<0.011U	1.5J	0.57J	0.077J	<0.009U	<0.013U	2.178
Rear Parking Lot	SSHS-B841	10-12	1/20/2018	<0.0061U	<0.012U	<0.011U	<0.011U	0.048J	0.021J	<0.0054U	<0.0092U	<0.013U	0.1029
Rear Parking Lot	SSHS-B841	12-14	1/20/2018	<0.0065U	<0.013U	<0.012U	<0.012U	1.2	0.47	0.057	<0.0098U	<0.014U	1.761
Rear Parking Lot	SSHS-B842	2-4	1/22/2018	<0.13U	<0.25U	<0.23U	<0.23U	48J	16J	2J	<0.19U	<0.27U	66.65
Rear Parking Lot	SSHS-B842	4-6	1/22/2018	<0.062U	<0.12U	<0.11U	<0.11U	5.4J	2.1J	0.29J	<0.092U	<0.13U	8.102
Rear Parking Lot	SSHS-B842	6-8	1/22/2018	<0.061U	<0.12U	<0.11U	<0.11U	24J	7.5J	1.7J	<0.091U	<0.13U	33.51
Rear Parking Lot	SSHS-B842	8-10	1/22/2018	<0.0062U	<0.012U	<0.011U	<0.012U	4.3J	1.3J	0.31J	<0.0093U	<0.013U	5.942
Rear Parking Lot	SSHS-B842	10-12	1/22/2018	<0.031U	<0.061U	<0.056U	<0.057U	6.8J	2.1J	0.47J	<0.046U	<0.066U	9.529
Rear Parking Lot	SSHS-B843	2-4	1/19/2018	<0.06U	<0.12U	<0.11U	<0.11U	19J	5.6J	0.72J	<0.09U	<0.13U	25.63
Rear Parking Lot	SSHS-B843	4-6	1/19/2018	<0.62U	<1.2U	<1.1U	<1.1U	150J	49J	6J	<0.93U	<1.3U	208.1
Rear Parking Lot	SSHS-B843	6-8	1/19/2018	<0.063U	<0.12U	<0.11U	<0.12U	20J	6.1J	0.8J	<0.093U	<0.13U	27.22
Rear Parking Lot	SSHS-B843	8-10	1/19/2018	<0.059U	<0.12U	<0.11U	<0.11U	8.3	2.7	0.37	<0.088U	<0.13U	11.68
Rear Parking Lot	SSHS-B843	10-12	1/19/2018	<0.063U	<0.13U	<0.12U	<0.12U	5.8J	1.9J	0.25J	<0.094U	<0.14U	8.284
Rear Parking Lot	SSHS-B844	2-4	1/19/2018	<0.061U	<0.12U	<0.11U	<0.11U	22J	6.2J	0.74J	<0.091U	<0.13U	29.25
Rear Parking Lot	SSHS-B844	4-6	1/19/2018	<0.059U	<0.12U	<0.11U	<0.11U	11J	3.1J	0.33J	<0.089U	<0.13U	14.74
Rear Parking Lot	SSHS-B844	6-8	1/19/2018	<0.06U	<0.12U	<0.11U	<0.11U	13J	4.2J	0.53J	<0.09U	<0.13U	18.04
Rear Parking Lot	SSHS-B845	4-6	1/24/2018	<0.0061U	<0.012U	<0.011U	<0.011U	0.39J	0.18J	0.041J	<0.0091U	<0.013U	0.6421
Rear Parking Lot	SSHS-B845	6-8	1/24/2018	<0.006U	<0.012U	<0.011U	<0.011U	0.21J	0.079J	0.017J	<0.009U	<0.013U	0.337
Rear Parking Lot	SSHS-B845	10-12	1/18/2018	<0.0065U	<0.013U	<0.012U	<0.012U	<0.016U	<0.014U	<0.0057U	<0.0097U	<0.014U	<0.1029

TABLE 3
Summary of PCB Results for Subsurface Soils
(below 2 ft bgs)
Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00021	0.00033	0.00011	0.00017	0.00011	0.00017	0.00016	0.000085	0.00014	
Subsurface Soil Criteria													10
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**										
Rear Parking Lot	SSHS-B846	2-4	1/11/2018	<0.0064U	<0.013U	<0.012U	<0.012U	0.11J	0.043J	0.0081J	<0.0096U	<0.014U	0.1946
Rear Parking Lot	SSHS-B846	4-6	1/23/2018	<0.0069U	<0.014U	<0.013U	<0.013U	0.86J	0.41J	0.1J	<0.01U	<0.015U	1.406
Rear Parking Lot	SSHS-B846	6-8	1/11/2018	<0.0069U	<0.014U	<0.013U	<0.013U	<0.017U	<0.015U	<0.006U	<0.01U	<0.015U	<0.1099
Rear Parking Lot	SSHS-B847	2-4	1/20/2018	<0.058U	<0.12U	<0.11U	<0.11U	52	18	1.5	<0.087U	<0.13U	71.81
Rear Parking Lot	SSHS-B847	4-6	1/20/2018	<0.3U	<0.6U	<0.55U	<0.55U	68J	26J	1.5J	<0.45U	<0.65U	97.05
Rear Parking Lot	SSHS-B847	6-8	1/20/2018	<0.058U	<0.12U	<0.11U	<0.11U	19J	5.9J	0.66J	<0.086U	<0.12U	25.86
Rear Parking Lot	SSHS-B848	2-4	1/20/2018	<0.3U	<0.61U	<0.55U	<0.56U	7.6J	2.9J	0.63J	<0.45U	<0.66U	12.7
Rear Parking Lot	SSHS-B848	6-8	1/20/2018	<0.063U	<0.13U	<0.11U	<0.12U	1.9J	0.97J	0.13J	<0.094U	<0.14U	3.329
Rear Parking Lot	SSHS-B848	8-10	1/20/2018	<0.061U	<0.12U	<0.11U	<0.11U	1J	0.56J	0.087J	<0.09U	<0.13U	1.958
Rear Parking Lot	SSHS-B849	6-8	1/22/2018	<0.065U	<0.13U	<0.12U	<0.12U	5.2J	1.6J	0.22J	<0.097U	<0.14U	7.356
Rear Parking Lot	SSHS-B850	2-4	1/18/2018	<0.3U	<0.59U	<0.54U	<0.54U	190J	48J	4.9J	<0.44U	<0.64U	244.4
Rear Parking Lot	SSHS-B850	4-6	1/18/2018	<0.061U	<0.12U	<0.11U	<0.11U	34J	11J	1.2J	<0.091U	<0.13U	46.51
Rear Parking Lot	SSHS-B850	6-8	1/18/2018	<0.064U	<0.13U	<0.12U	<0.12U	37J	11J	1.3J	<0.096U	<0.14U	49.64
Rear Parking Lot	SSHS-B850	8-10	1/23/2018	<0.0065U	<0.013U	<0.012U	<0.012U	0.22	0.072	0.017J	<0.0097U	<0.014U	0.3426
Rear Parking Lot	SSHS-B850	10-12	1/23/2018	<0.0064U	<0.013U	<0.012U	<0.012U	5.5J	2J	0.41J	<0.0095U	<0.014U	7.943
Rear Parking Lot	SSHS-B851	2-4	1/18/2018	<0.03U	<0.06U	<0.055U	<0.055U	11	3.6	0.82	<0.045U	<0.065U	15.58
Rear Parking Lot	SSHS-B851	4-6	1/18/2018	<0.061U	<0.12U	<0.11U	<0.11U	2.3J	0.88J	0.16J	<0.091U	<0.13U	3.651
Rear Parking Lot	SSHS-B851	6-8	1/18/2018	<0.006U	<0.012U	<0.011U	<0.011U	0.63J	0.3J	0.039J	<0.009U	<0.013U	1
Rear Parking Lot	SSHS-B851	10-12	1/18/2018	<0.0062U	<0.012U	<0.011U	<0.011U	0.44J	0.16J	0.038J	<0.0093U	<0.013U	0.6693
Rear Parking Lot	SSHS-B852	4-6	1/19/2018	<0.063U	<0.12U	<0.11U	<0.12U	3.9J	1.5J	0.22J	<0.093U	<0.14U	5.943
Rear Parking Lot	SSHS-B852	6-8	1/19/2018	<0.058U	<0.12U	<0.11U	<0.11U	4.1J	1.6J	0.27J	<0.087U	<0.13U	6.278
Rear Parking Lot	SSHS-B852	8-10	1/19/2018	<0.0063U	<0.013U	<0.011U	<0.012U	1.1J	0.39J	0.041J	<0.0094U	<0.014U	1.564
Rear Parking Lot	SSHS-B852	10-12	1/19/2018	<0.0062U	<0.012U	<0.011U	<0.011U	1.5J	0.52J	0.055J	<0.0093U	<0.013U	2.106
Rear Parking Lot	SSHS-B853	2-4	1/8/2018	<0.0059U	<0.012U	<0.011U	<0.011U	0.074J	0.025J	<0.0051U	<0.0088U	<0.013U	0.1324
Rear Parking Lot	SSHS-B853	4-6	1/8/2018	<0.0063U	<0.013U	<0.012U	<0.012U	0.026	<0.013U	<0.0056U	<0.0095U	<0.014U	0.0687
Rear Parking Lot	SSHS-B854	2-4	1/9/2018	<0.006U	<0.012U	<0.011U	<0.011U	5.4J	2.2J	0.52J	<0.009U	<0.013U	8.151
Rear Parking Lot	SSHS-B854	4-6	1/9/2018	<0.006U	<0.012U	<0.011U	<0.011U	0.44	0.25	0.051	<0.009U	<0.013U	0.772
Rear Parking Lot	SSHS-B855	2-4	1/10/2018	<0.31U	<0.62U	<0.57U	<0.57U	47J	12J	2.9J	<0.47U	<0.67U	63.51
Rear Parking Lot	SSHS-B855	6-8	1/10/2018	<0.032U	<0.064U	<0.059U	<0.06U	8.1J	2.4J	0.81J	<0.048U	<0.07U	11.48
Rear Parking Lot	SSHS-B855	8-10	1/10/2018	<0.0065U	<0.013U	<0.012U	<0.012U	1.5	0.62	0.16	<0.0098U	<0.014U	2.314
Rear Parking Lot	SSHS-B855	10-12	1/10/2018	<0.0067U	<0.013U	<0.012U	<0.012U	1.1J	0.3J	0.095J	<0.01U	<0.015U	1.529
Rear Parking Lot	SSHS-B855	12-14	1/10/2018	<0.0066U	<0.013U	<0.012U	<0.012U	0.13	0.049	0.0075J	<0.0098U	<0.014U	0.2202
Rear Parking Lot	SSHS-B856	6-8	1/17/2018	<0.061U	<0.12U	<0.11U	<0.11U	11J	3.9J	0.5J	<0.091U	<0.13U	15.71
Rear Parking Lot	SSHS-B856	8-10	1/17/2018	<0.0069U	<0.014U	<0.013U	<0.013U	1.8J	0.52J	0.1J	<0.01U	<0.015U	2.456
Rear Parking Lot	SSHS-B856	10-12	1/17/2018	<0.061U	<0.12U	<0.11U	<0.11U	12J	3.8J	0.37J	<0.091U	<0.13U	16.48
Rear Parking Lot	SSHS-B856	12-14	1/17/2018	<0.0063U	<0.013U	<0.012U	<0.012U	4.8J	1.9J	0.29J	<0.0094U	<0.014U	7.023
Rear Parking Lot	SSHS-B857	2-4	1/20/2018	<0.6U	<1.2U	<1.1U	<1.1U	100J	39J	4.5J	<0.89U	<1.3U	146.6
Rear Parking Lot	SSHS-B857	4-6	1/20/2018	<0.062U	<0.12U	<0.11U	<0.11U	1.6J	0.75J	0.12J	<0.092U	<0.13U	2.782
Rear Parking Lot	SSHS-B858	2-4	1/14/2018	<0.12U	<0.24U	<0.22U	<0.22U	33	11	2.2	<0.18U	<0.25U	46.82
Rear Parking Lot	SSHS-B858	4-6	1/14/2018	<0.61U	<1.2U	<1.1U	<1.1U	140	46	9.4	<0.9U	<1.3U	198.5
Rear Parking Lot	SSHS-B858	6-8	1/14/2018	<0.062U	<0.12U	<0.11U	<0.11U	8.9	3.2	0.56	<0.093U	<0.13U	12.97
Rear Parking Lot	SSHS-B859	2-4	1/14/2018	<0.29U	<0.58U	<0.53U	<0.54U	62J	30J	4.3J	<0.44U	<0.63U	97.81
Rear Parking Lot	SSHS-B859	4-6	1/14/2018	<0.059U	<0.12U	<0.11U	<0.11U	16	6.7	1.1	<0.088U	<0.13U	24.11
Rear Parking Lot	SSHS-B859	6-8	1/14/2018	<0.058U	<0.12U	<0.11U	<0.11U	20	7.6	1.1	<0.087U	<0.13U	29.01
Rear Parking Lot	SSHS-B860	2-4	1/14/2018	<0.058U	<0.12U	<0.11U	<0.11U	22J	7.9J	0.79J	<0.087U	<0.13U	31
Rear Parking Lot	SSHS-B860	4-6	1/14/2018	<0.029U	<0.058U	<0.053U	<0.053U	4.7	2.1	0.35	<0.043U	<0.062U	7.299
Rear Parking Lot	SSHS-B860	6-8	1/14/2018	<0.0057U	<0.011U	<0.01U	<0.01U	2.6	0.95	0.28	<0.0085U	<0.012U	3.859
Rear Parking Lot	SSHS-B861	2-4	1/11/2018	<0.0059U	<0.012U	<0.011U	<0.011U	1.2	0.64	0.15	<0.0089U	<0.013U	2.021
Rear Parking Lot	SSHS-B861	4-6	1/11/2018	<0.006U	<0.012U	<0.011U	<0.011U	0.52	0.33	0.084	<0.0089U	<0.013U	0.965
Rear Parking Lot	SSHS-B862	2-4	1/9/2018	<0.0061U	<0.012U	<0.011U	<0.011U	0.34	0.27	0.094	<0.0091U	<0.013U	0.7351
Rear Parking Lot	SSHS-B862	4-6	1/9/2018	<0.0059U	<0.012U	<0.011U	<0.011U	0.043	0.037	0.0082J,p	<0.0088U	<0.013U	0.1191
Rear Parking Lot	SSHS-B863	2-4	1/14/2018	<0.0059U	<0.012U	<0.011U	<0.011U	3.7	0.81	0.22	<0.0088U	<0.013U	4.761
Rear Parking Lot	SSHS-B863	4-6	1/14/2018	<0.0062U	<0.012U	<0.011U	<0.011U	0.48	0.36	0.18	<0.0092U	<0.013U	1.051
Rear Parking Lot	SSHS-B863	6-8	1/14/2018	<0.006U	<0.012U	<0.011U	<0.011U	0.5	0.25	0.1	<0.009U	<0.013U	0.881
Rear Parking Lot	SSHS-B864	2-4	1/9/2018	<0.061U	<0.12U	<0.11U	<0.11U	10J	3.3J	0.69J	<0.091U	<0.13U	14.3
Rear Parking Lot	SSHS-B864	4-6	1/9/2018	<0.006U	<0.012U	<0.011U	<0.011U	0.69J	0.44J	0.15J	<0.0089U	<0.013U	1.311
Rear Parking Lot	SSHS-B864	6-8	1/9/2018	<0.0063U	<0.012U	<0.011U	<0.012U	0.16	0.14	0.051	<0.0093U	<0.014U	0.3833
Rear Parking Lot	SSHS-B865	2-4	1/17/2018	<0.0061U	<0.012U	<0.011U	<0.011U	0.66J	0.27J	0.031J	<0.0091U	<0.013U	0.9921
Rear Parking Lot	SSHS-B866	2-4	1/12/2018	<0.0068U	<0.013U	<0.012U	<0.012U	0.056J	0.051J	0.021J	<0.01U	<0.015U	0.1624
Rear Parking Lot	SSHS-B867	2-4	1/11/2018	<0.0063U	<0.013U	<0.011U	<0.012U	0.11J	0.042J	0.011J	<0.0094U	<0.014U	0.1959
Rear Parking Lot	SSHS-B868	2-4	1/17/2018	<0.0064U	<0.013U	<0.012U	<0.012U	1.8J	0.78J	0.2J	<0.0095U	<0.014U	2.813
Rear Parking Lot	SSHS-B869	2-4	1/8/2018	<0.0058U	<0.012U	<0.011U	<0.011U	0.23J	0.097J	0.018J	<0.0087U	<0.013U	0.3758
Rear Parking Lot	SSHS-B870	2-4	1/8/2018	<0.0059U	<0.012U	<0.011U	<0.011U	3J	1.1J	0.22J	<0.0088U	<0.013U	4.351
Rear Parking Lot	SSHS-B870	4-6	1/8/2018	<0.006U	<0.012U	<0.011U	<0.011U	1.1	0.36	0.07	<0.0089U	<0.013U	1.561
Rear Parking Lot	SSHS-B871	2-4	1/17/2018	<0.0062U	<0.012U	<0.011U	<0.012U	0.059J	0.035J	<0.0055U	<0.0093U	<0.013U	0.1285
Rear Parking Lot	SSHS-B872	2-4	1/11/2018	<0.0064U	<0.013U	<0.012U	<0.012U	0.026J	0.015J	<0.0056U	<0.0095U	<0.014U	0.07725
Rear Parking Lot	SSHS-B873	2-4	1/11/2018	<0.0059U	<0.012U	<0.011U	<0.011U	0.97J	0.54J	0.19J	<0.0089U	<0.013U	1.731
Rear Parking Lot	SSHS-B873	4-6	1/11/2018	<0.0061U	<0.012U	<0.011U	<0.011U	2.8J	1.2J	0.23J	<0.0091U	<0.013U	4.261
Rear Parking Lot	SSHS-B874	2-4	1/20/2018	<0.24U	<0.48U	<0.44U	<0.44U	120J	45J	5J	<0.36U	<0.52U	171.2
Rear Parking Lot	SSHS-B874	4-6	1/20/2018	<0.3U	<0.6U	<0.55U	<0.56U	66J	29J	3.2J	<0.45U	<0.65U	99.76
Rear Parking Lot	SSHS-B875	2-4	1/20/2018	<0.3U	<0.59U	<0.54U	<0.55U	57	24	2.2	<0.44U	<0.64U	84.73
Rear Parking Lot	SSHS-B875	4-6	1/23/2018	<0.0062U	<0.012U	<0.011U	<0.012U	0.96J	0.58J	0.19J	<0.0093U	<0.013U	1.762
Rear Parking Lot	SSHS-B876	4-6	1/22/2018	<0.007U	<0.014U	<0.013U	<0.013U	<0.017U	<0.015U	<0.0061U	<0.01U	<0.015U	<0.1101
Rear Parking Lot	SSHS-B877	2-4	1/18/2018	<0.13U	<0.26U	<0.24U	<0.24U	82J	30J	3.3J	<0.2U	<0.28U	116
Rear Parking Lot	SSHS-B877	4-6	1/18/2018	<0.063U	<0.13U	<0.11U	<0.12U	24J	7.9J	1J	<0.094U	<0.14U	33.23
Rear Parking Lot	SSHS-B877	6-8	1/18/2018	<0.063U	<0.12U	<0.11U	<0.12U	7J	2.2J	0.31J	<0.094U	<0.14U	9.834
Rear Parking Lot	SSHS-B877	10-12	1/18/2018	<0.0062U	<0.012U	<0.011U	<0.011U	1.5	0.47	0.1	<0.0092U	<0.013U	2.101
Rear Parking Lot	SSHS-B878	6-8	1/20/2018	<0.0063U	<0.012U	<0.011U	<0.012U	0.29J	0.13J	0.017J	<0.0094U	<0.014U	0.4694
Rear Parking Lot	SSHS-B878	8-10	1/20/2018	<0.0063U	<0.013U	<0.012U	<0.012U	0.22J	0.096J	0.015J	<0.0095U	<0.014U	0.3644
Rear Parking Lot	SSHS-B878	10-12	1/20/2018	<0.0065U	<0.013U	<0.012U	<0.012U	0.086	0.041	<0.0057U	<0.0098U	<0.014U	0.1635
Rear Parking Lot	SSHS-B879	2-4	1/19/2018	<0.06U	<0.12U	<0.11U	<0.11U	51J	18J	1.9J	<0.09U	<0.13U	71.21
Rear Parking Lot	SSHS-B879	6-8	1/19/2018	<0.062U	<0.12U	<0.11U	<0.11U	5.6J	2.3J	0.24J	<0.092U	<0.13U	8.452
Rear Parking Lot	SSHS-B879	10-12	1/19/2018	<0.0067U	<0.013U	<0.012U	<0.012U	1.4J	0.46J	0.051J	<0.0099U	<0.014U	1.945
Rear Parking Lot	SSHS-B879	12-14	1/19/2018	<0.0064U	<0.013U	<0.012U	<0.012U	1.8	0.61	0.07	<0.0095U	<0.014U	2.513
Rear Parking Lot	SSHS-B880	2-4	1/22/2018	<0.61U	<1.2U	<1.1U	<1.1U	98J	30J	6.5J	<0.91U	<1.3U	137.6
Rear Parking Lot	SSHS-B880	6-8	1/22/2018	<0.0065U	<0.013U	<0.012U	<0.012U	0.99J	0.39J	0.1J	<0.0097U	<0.014U	1.514
Rear Parking Lot	SSHS-B880	10-12	1/22/2018	<0.0068U	<0.013U	<0.012U	<0.012U	0.17J	0.072J	<0.0059U	<0.01U	<0.015U	0.2794
Rear Parking Lot	SSHS-B881	2-4	1/22/2018	<0.64U	<1.3U	<1.2U	<1.2U	230J	68J	15J	<0.96U	<1.4U	316.4
Rear Parking Lot	SSHS-B881	6-8	1/22/2018	<0.0067U	<0.013U	<0.012U	<0.012U	1.9J	0.6J	0.15J	<0.01U	<0.014U	2.684
Rear Parking Lot	SSHS-B881	8-10	1/22/2018	<0.061U	<0.12U	<0.11U	<0.11U	4.4	1.5	0.24	<0.091U	<0.13U	6.451
Rear Parking Lot	SSHS-B882	2-4	1/12/2018	<0.0064U	<0.013U	<0.012U	<0.012U	0.62J	0.32J	0.075J	<0.0095U	<0.014U	1.048
Rear Parking Lot	SSHS-B882	6-8	1/12/2018	<0.0078U	<0.016U	<0.014U	<0.014U	0.19J	0.097J	0.025J	<0.012U	<0.017U	0.3524
Rear Parking Lot	SSHS-B882	10-12	1/12/2018	<0.006U	<0.012U	<0.011U	<0.011U	0.055J	0.025J	<0.0052U	<0.0089U	<0.013U	0.1136
Rear Parking Lot	SSHS-B883	6-8	1/20/2018	<0.062U	<0.12U	<0.11U	<0.11U	7.1J	2.5J	0.29J	<0.092U	<0.13U	10.2

TABLE 3
Summary of PCB Results for Subsurface Soils
(below 2 ft bgs)
Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00021	0.00033	0.00011	0.00017	0.00011	0.00017	0.00016	0.000085	0.00014	
Subsurface Soil Criteria													10
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**										
Rear Parking Lot	SSHS-B883	8-10	1/20/2018	<0.077U	<0.15U	<0.14U	<0.14U	59J	32J	4J	<0.11U	<0.17U	95.39
Rear Parking Lot	SSHS-B883	10-12	1/20/2018	<0.065U	<0.13U	<0.12U	<0.12U	41	19	2.5	<0.096U	<0.14U	62.84
Rear Parking Lot	SSHS-B884	2-4	1/11/2018	<0.0062U	<0.012U	<0.011U	<0.011U	0.12J	0.036J	<0.0054U	<0.0093U	<0.013U	0.19
Rear Parking Lot	SSHS-B884	6-8	1/11/2018	<0.0065U	<0.013U	<0.012U	<0.012U	0.13J	0.034J	0.0075J	<0.0097U	<0.014U	0.2051
Rear Parking Lot	SSHS-B885	2-4	1/17/2018	<0.061U	<0.12U	<0.11U	<0.11U	25J	7.3J	0.92J	<0.091U	<0.13U	33.53
Rear Parking Lot	SSHS-B885	6-8	1/17/2018	<0.031U	<0.061U	<0.056U	<0.057U	6.1J	2.1J	0.45J	<0.046U	<0.066U	8.809
Rear Parking Lot	SSHS-B885	10-12	1/17/2018	<0.0061U	<0.012U	<0.011U	<0.011U	3.9J	1.3J	0.37J	<0.0091U	<0.013U	5.601
Rear Parking Lot	SSHS-B886	2-4	1/19/2018	<0.62U	<1.2U	<1.1U	<1.1U	420J	130J	15J	<0.93U	<1.3U	568.1
Rear Parking Lot	SSHS-B886	4-6	1/19/2018	<0.12U	<0.23U	<0.21U	<0.22U	62J	20J	2.6J	<0.18U	<0.25U	85.21
Rear Parking Lot	SSHS-B886	6-8	1/19/2018	<0.059U	<0.12U	<0.11U	<0.11U	30J	9.4J	1.1J	<0.087U	<0.13U	40.81
Rear Parking Lot	SSHS-B886	10-12	1/19/2018	<0.059U	<0.12U	<0.11U	<0.11U	8.4	2.7	0.41	<0.088U	<0.13U	11.82
Rear Parking Lot	SSHS-B886	12-14	1/19/2018	<0.062U	<0.12U	<0.11U	<0.11U	3.9J	1.4J	0.2J	<0.092U	<0.13U	5.812
Rear Parking Lot	SSHS-B887	6-8	1/12/2018	<0.033U	<0.065U	<0.059U	<0.06U	6J	2.8J	0.65J	<0.049U	<0.07U	9.618
Rear Parking Lot	SSHS-B887	8-10	1/24/2018	<0.066U	<0.13U	<0.12U	<0.12U	11J	4.7J	1.2J	<0.098U	<0.14U	17.24
Rear Parking Lot	SSHS-B887	10-12	1/24/2018	<0.0061U	<0.012U	<0.011U	<0.011U	2J	0.77J	0.16J	<0.0091U	<0.013U	2.961
Rear Parking Lot	SSHS-B888	2-4	1/22/2018	<0.065UJ	<0.13UJ	<0.12UJ	<0.12UJ	35J	12J	2.7J	<0.097UJ	<0.14UJ	50.04
Rear Parking Lot	SSHS-B888	8-10	1/22/2018	<0.0061U	<0.012U	<0.011U	<0.011U	2.2J	0.71J	0.092J	<0.0091U	<0.013U	3.033
Rear Parking Lot	SSHS-B888	10-12	1/22/2018	<0.063U	<0.13U	<0.11U	<0.12U	11J	4J	0.58J	<0.094U	<0.14U	15.91
Rear Parking Lot	SSHS-B888	12-14	1/22/2018	<0.0067U	<0.013U	<0.012U	<0.012U	2.3	0.75	0.1	<0.01U	<0.014U	3.184
Rear Parking Lot	SSHS-B889	2-4	1/12/2018	<0.11U	<0.23U	<0.21U	<0.21U	33J	14J	2.7J	<0.17U	<0.25U	50.29
Rear Parking Lot	SSHS-B889	6-8	1/12/2018	<0.029U	<0.058U	<0.053U	<0.054U	7.7J	3.5J	0.7J	<0.044U	<0.063U	12.05
Rear Parking Lot	SSHS-B889	8-10	1/12/2018	<0.0058U	<0.011U	<0.011U	<0.011U	2J	0.87J	0.21J	<0.0086U	<0.012U	3.11
Rear Parking Lot	SSHS-B889	10-12	1/12/2018	<0.0058U	<0.012U	<0.011U	<0.011U	2.7J	1.2J	0.25J	<0.0087U	<0.013U	4.181
Rear Parking Lot	SSHS-B889	12-14	1/12/2018	<0.0061U	<0.012U	<0.011U	<0.011U	3.1	1	0.32	<0.0092U	<0.013U	4.451
Rear Parking Lot	SSHS-B890	8-10	1/23/2018	<0.006U	<0.012U	<0.011U	<0.011U	2.1J	0.76J	0.19J	<0.009U	<0.013U	3.081
Rear Parking Lot	SSHS-B890	10-12	1/23/2018	<0.3U	<0.6U	<0.55U	<0.55U	87J	24J	5.4J	<0.45U	<0.65U	118
Rear Parking Lot	SSHS-B891	2-4	1/19/2018	<0.062U	<0.12U	<0.11U	<0.12U	13J	4.6J	0.59J	<0.093U	<0.13U	18.51
Rear Parking Lot	SSHS-B891	4-6	1/19/2018	<0.061U	<0.12U	<0.11U	<0.11U	5.7J	2J	0.28J	<0.092U	<0.13U	8.292
Rear Parking Lot	SSHS-B891	6-8	1/19/2018	<0.0063U	<0.012U	<0.011U	<0.012U	0.89J	0.28J	0.039J	<0.0094U	<0.014U	1.241
Rear Parking Lot	SSHS-B891	10-12	1/19/2018	<0.0064U	<0.013U	<0.012U	<0.012U	0.19J	0.078J	<0.0056U	<0.0096U	<0.014U	0.3043
Rear Parking Lot	SSHS-B892	2-4	1/17/2018	<0.12U	<0.24U	<0.22U	<0.22U	94	34	3.2	<0.18U	<0.26U	131.8
Rear Parking Lot	SSHS-B892	4-6	1/17/2018	<0.06U	<0.12U	<0.11U	<0.11U	12J	5.2J	1.1J	<0.09U	<0.13U	18.61
Rear Parking Lot	SSHS-B892	6-8	1/17/2018	<0.0061U	<0.012U	<0.011U	<0.011U	1.5J	0.73J	0.16J	<0.0092U	<0.013U	2.421
Rear Parking Lot	SSHS-B892	8-10	1/17/2018	<0.0066U	<0.013U	<0.012U	<0.012U	1J	0.41J	0.069J	<0.0099U	<0.014U	1.513
Rear Parking Lot	SSHS-B892	10-12	1/17/2018	<0.0059U	<0.012U	<0.011U	<0.011U	0.67J	0.21J	0.045J	<0.0089U	<0.013U	0.9559
Rear Parking Lot	SSHS-B892	12-14	1/17/2018	<0.0064U	<0.013U	<0.012U	<0.012U	0.57J	0.98J	<0.0056UJ	<0.0095UJ	<0.014UJ	1.586
Rear Parking Lot	SSHS-B893	2-4	1/19/2018	<0.13U	<0.25U	<0.23U	<0.23U	86J	28J	3.2J	<0.19U	<0.27U	117.9
Rear Parking Lot	SSHS-B893	4-6	1/19/2018	<0.061U	<0.12U	<0.11U	<0.11U	9.9J	3.8J	0.58J	<0.091U	<0.13U	14.59
Rear Parking Lot	SSHS-B893	6-8	1/19/2018	<0.0061U	<0.012U	<0.011U	<0.011U	0.025	<0.013U	<0.0054U	<0.0091U	<0.013U	0.0653
Rear Parking Lot	SSHS-B893	10-12	1/19/2018	<0.061U	<0.12U	<0.11U	<0.11U	11	3.6	0.45	<0.091U	<0.13U	15.36
Rear Parking Lot	SSHS-B893	12-14	1/19/2018	<0.064U	<0.13U	<0.12U	<0.12U	3.2J	1.4J	0.15J	<0.095U	<0.14U	5.085
Rear Parking Lot	SSHS-B894	2-4	1/9/2018	<0.006U	<0.012U	<0.011U	<0.011U	3.4J	1.3J	0.27J	<0.009U	<0.013U	5.001
Rear Parking Lot	SSHS-B894	4-6	1/9/2018	<0.006U	<0.012U	<0.011U	<0.011U	4.6J	1.8J	0.43J	<0.009U	<0.013U	6.861
Rear Parking Lot	SSHS-B895	2-4	1/9/2018	<0.0061U	<0.012U	<0.011U	<0.011U	0.45J	0.16J	0.039J	<0.009U	<0.013U	0.6801
Rear Parking Lot	SSHS-B895	4-6	1/9/2018	<0.0061U	<0.012U	<0.011U	<0.011U	0.21	0.089	0.018J	<0.0091U	<0.013U	0.3481
Rear Parking Lot	SSHS-B896	2-4	1/12/2018	<0.0058U	<0.012U	<0.011U	<0.011U	0.16J	0.11J	0.033J	<0.0087U	<0.013U	0.3338
Rear Parking Lot	SSHS-B897	2-4	1/10/2018	<0.61U	<1.2U	<1.1U	<1.1U	110J	26J	6.8J	<0.9U	<1.3U	145.9
Rear Parking Lot	SSHS-B897	4-6	1/10/2018	<0.3U	<0.59U	<0.54U	<0.55U	79J	18J	5.3J	<0.44U	<0.64U	103.8
Rear Parking Lot	SSHS-B897	6-8	1/10/2018	<0.12U	<0.23U	<0.21U	<0.21U	27J	6.3J	<0.1U	<0.17U	0.76	34.58
Rear Parking Lot	SSHS-B898	2-4	1/12/2018	<0.058U	<0.12U	<0.11U	<0.11U	13J	6.6J	1.4J	<0.087U	<0.13U	21.31
Rear Parking Lot	SSHS-B898	4-6	1/12/2018	<0.12U	<0.24U	<0.22U	<0.22U	34J	8.5J	1.7J	<0.18U	<0.26U	44.82
Rear Parking Lot	SSHS-B898	6-8	1/12/2018	<0.006U	<0.012U	<0.011U	<0.011U	0.21J	0.41J	<0.0052U	<0.0089U	<0.013U	0.6536
Rear Parking Lot	SSHS-B903	2-4	1/12/2018	<0.0058U	<0.012U	<0.011U	<0.011U	<0.014U	<0.012U	<0.0051U	<0.0086U	<0.012U	<0.0915
Rear Parking Lot	SSHS-B904	2-4	1/9/2018	<0.6U	<1.2U	<1.1U	<1.1U	150J	47J	8.7J	<0.89U	<1.3U	208.8
Rear Parking Lot	SSHS-B904	4-6	1/9/2018	<0.0064U	<0.013U	<0.012U	<0.012U	0.75J	0.42J	0.13J	<0.0095U	<0.014U	1.333
Rear Parking Lot	SSHS-B904	6-8	1/9/2018	<0.0061U	<0.012U	<0.011U	<0.011U	0.18J	0.25J	<0.0053U	<0.009U	<0.013U	0.4637
Rear Parking Lot	SSHS-B904	8-10	1/9/2018	<0.0062U	<0.012U	<0.011U	<0.011U	6.1	2.4	0.55	<0.0092U	<0.013U	9.081
Rear Parking Lot	SSHS-B905	4-6	1/17/2018	<0.0062U	<0.012U	<0.011U	<0.011U	2.7J	0.89J	0.21J	<0.0093U	<0.013U	3.831
Rear Parking Lot	SSHS-B905	6-8	1/17/2018	<0.065U	<0.13U	<0.12U	<0.12U	29J	12J	1.8J	<0.096U	<0.14U	43.14
Rear Parking Lot	SSHS-B905	8-10	1/17/2018	<0.0062U	<0.012U	<0.011U	<0.011U	3.6J	1.6J	0.33J	<0.0092U	<0.013U	5.561
Rear Parking Lot	SSHS-B906	2-4	1/20/2018	<0.12U	<0.24U	<0.22U	<0.22U	71J	27J	3.5J	<0.18U	<0.26U	102.1
Rear Parking Lot	SSHS-B906	4-6	1/20/2018	<0.06U	<0.12U	<0.11U	<0.11U	24J	8.7J	1.1J	<0.089U	<0.13U	34.11
Rear Parking Lot	SSHS-B906	6-8	1/24/2018	<0.06U	<0.12U	<0.11U	<0.11U	28J	8.8J	2J	<0.09U	<0.13U	39.11
Rear Parking Lot	SSHS-B907	2-4	1/11/2018	<0.12U	<0.23U	<0.21U	<0.22U	38J	9.4J	2.7J	<0.18U	<0.25U	50.71
Rear Parking Lot	SSHS-B907	6-8	1/11/2018	<0.0061U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0053U	<0.009U	<0.013U	<0.0954
Rear Parking Lot	SSHS-B908	2-4	1/22/2018	<0.0061U	<0.012U	<0.011U	<0.011U	2.8J	1J	0.11J	<0.0091U	<0.013U	3.941
Rear Parking Lot	SSHS-B908	4-6	1/22/2018	<0.0068U	<0.013U	<0.012U	<0.012U	0.55J	0.26J	0.031J	<0.01U	<0.015U	0.8754
Rear Parking Lot	SSHS-B909	2-4	1/11/2018	<0.0064U	<0.013U	<0.012U	<0.012U	2.7J	0.96J	0.36J	<0.0095U	<0.014U	4.053
Rear Parking Lot	SSHS-B910	2-4	1/11/2018	<0.0063U	<0.013U	<0.012U	<0.012U	0.077J	0.018J	<0.0055U	<0.0094U	<0.014U	0.1311
Rear Parking Lot	SSHS-B910	4-6	1/11/2018	<0.0065U	<0.013U	<0.012U	<0.012U	0.34	0.18	0.054	<0.0097U	<0.014U	0.6076
Rear Parking Lot	SSHS-B911	2-4	1/19/2018	<0.006U	<0.012U	<0.011U	<0.011U	0.38J	0.12J	<0.0052U	<0.0089U	<0.013U	0.5336
Rear Parking Lot	SSHS-B911	6-8	1/19/2018	<0.0063U	<0.012U	<0.011U	<0.012U	1.9J	0.7J	0.099J	<0.0093U	<0.014U	2.731
Rear Parking Lot	SSHS-B911	8-10	1/19/2018	<0.0064U	<0.013U	<0.012U	<0.012U	<0.015U	<0.013U	<0.0056U	<0.0095U	<0.014U	<0.1005
Rear Parking Lot	SSHS-B912	2-4	1/20/2018	<0.069U	<0.14U	<0.13U	<0.13U	29J	13J	1.4J	<0.1U	<0.15U	43.76
Rear Parking Lot	SSHS-B913	2-4	1/23/2018	<0.059U	<0.12U	<0.11U	<0.11U	17J	5.3J	0.71J	<0.088U	<0.13U	23.32
Rear Parking Lot	SSHS-B913	6-8	1/22/2018	<0.065U	<0.13U	<0.12U	<0.12U	3.8J	1.5J	0.22J	<0.096U	<0.14U	5.856
Rear Parking Lot	SSHS-B914	2-4	1/22/2018	<0.06U	<0.12U	<0.11U	<0.11U	1.1J	0.8J	0.17J	<0.089U	<0.13U	2.38
Rear Parking Lot	SSHS-B914	4-6	1/22/2018	<0.0062U	<0.012U	<0.011U	<0.011U	0.83	0.54	0.12	<0.0093U	<0.013U	1.521
Rear Parking Lot	SSHS-B915	2-4	1/12/2018	<0.029U	<0.058U	<0.053U	<0.054U	5.8J	2.6J	0.55J	<0.044U	<0.063U	9.101
Rear Parking Lot	SSHS-B916	2-4	1/16/2018	<0.29U	<0.58U	<0.53U	<0.54U	58J	24J	3.6J	<0.43U	<0.63U	87.1
Rear Parking Lot	SSHS-B917	2-4	1/18/2018	<0.12U	<0.25U	<0.23U	<0.23U	57J	23J	2.5J	<0.19U	<0.27U	83.15
Rear Parking Lot	SSHS-B917	6-8	1/18/2018	<0.066U	<0.13U	<0.12U	<0.12U	8.6J	2.9J	0.34J	<0.098U	<0.14U	12.18
Rear Parking Lot	SSHS-B917	12-14	1/18/2018	<0.066U	<0.13U	<0.12U	<0.12U	2.7J	0.98J	0.16J	<0.099U	<0.14U	4.178
Rear Parking Lot	SSHS-B918	6-8	1/18/2018	<0.0064U	<0.013U	<0.012U	<0.012U	0.38J	0.14J	0.031J	<0.0095U	<0.014U	0.5845
Rear Parking Lot	SSHS-B919	6-8	1/12/2018	<0.059U	<0.12U	<0.11U	<0.11U	20J	8.1J	1.6J	<0.088U	<0.13U	30.01
Rear Parking Lot	SSHS-B919	10-12	1/12/2018	<0.0062U	<0.012U	<0.011U	<0.011U	1.5J	0.62J	0.13J	<0.0092U	<0.013U	2.281
Rear Parking Lot	SSHS-B920	2-4	1/16/2018	<0.13U	<0.26U	<0.24U	<0.24U	29J	13J	2.5J	<0.19U	<0.28U	45.17
Rear Parking Lot	SSHS-B920	4-6	1/16/2018	<0.063U	<0.13U	<0.12U	<0.12U	11J	6.1J	1.6J	<0.094U	<0.14U	19.03
Rear Parking Lot	SSHS-B920	6-8	1/16/2018	<0.062U	<0.12U	<0.11U	<0.11U	8.2J	3.7J	0.77J	<0.092U	<0.13U	12.98
Rear Parking Lot	SSHS-B920	8-10	1/16/2018	<0.0062U	<0.012U	<0.011U	<0.011U	2.3J	1J	0.19J	<0.0093U	<0.013U	3.521
Rear Parking Lot	SSHS-B920	10-12	1/16/2018	<0.032U	<0.063U	<0.057U	<0.058U	4.6J	2.1J	0.43J	<0.047U	<0.068U	7.293
Rear Parking Lot	SSHS-B921	2-4	1/11/2018	<0.006U	<0.012U	<0.011U	<0.011U	0.89J	0.31J	0.1J	<0.0089U	<0.013U	1.331
Rear Parking Lot	SSHS-B922	2-4	1/12/2018	<0.0065U	<0.013U	<0.012U	<0.012U	1.4J	0.71J	0.2J	<0.0097U	<0.014U	2.344
Rear Parking Lot	SSHS-B923	2-4	1/11/2018	<0.3U	<0.59U	<0.54U	<0.55U	66J	20J	4.7J	<0.45U	<0.64U	92.24

TABLE 3
Summary of PCB Results for Subsurface Soils
(below 2 ft bgs)
Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00021	0.00033	0.00011	0.00017	0.00011	0.00017	0.00016	0.000085	0.00014	
Subsurface Soil Criteria													10
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**										
Rear Parking Lot	SSHS-B923	4-6	1/11/2018	<0.061U	<0.12U	<0.11U	<0.11U	19J	5.8J	1.4J	<0.09U	<0.13U	26.51
Rear Parking Lot	SSHS-B924	2-4	1/19/2018	<0.0062U	<0.012U	<0.011U	<0.011U	1.7J	0.65J	0.1J	<0.0092U	<0.013U	2.481
Rear Parking Lot	SSHS-B925	2-4	1/12/2018	<0.006U	<0.012U	<0.011U	<0.011U	1J	0.41J	0.089J	<0.009U	<0.013U	1.53
Rear Parking Lot	SSHS-B925	4-6	1/12/2018	<0.0062U	<0.012U	<0.011U	<0.011U	1.2	0.37	0.11	<0.0092U	<0.013U	1.711
Rear Parking Lot	SSHS-B926	2-4	1/18/2018	<0.006U	<0.012U	<0.011U	<0.011U	1.2J	0.86J	0.28J	<0.009U	<0.013U	2.371
Rear Parking Lot	SSHS-B927	2-4	1/11/2018	<0.0067U	<0.013U	<0.012U	<0.012U	0.054J	0.023J	<0.0058U	<0.01U	<0.014U	0.1138
Rear Parking Lot	SSHS-B928	2-4	1/11/2018	<0.059U	<0.12U	<0.11U	<0.11U	13J	4.4J	1.4J	<0.089U	<0.13U	19.11
Rear Parking Lot	SSHS-B928	4-6	1/11/2018	<0.0061U	<0.012U	<0.011U	<0.011U	1	0.41	0.12	<0.0091U	<0.013U	1.561
Rear Parking Lot	SSHS-B929	2-4	1/8/2018	<0.006U	<0.012U	<0.011U	<0.011U	2.2J	0.86J	0.21J	<0.009U	<0.013U	3.301
Rear Parking Lot	SSHS-B930	2-4	1/16/2018	<0.0062U	<0.012U	<0.011U	<0.011U	2.4J	1.1J	0.18J	<0.0092U	<0.013U	3.711
Rear Parking Lot	SSHS-B930	6-8	1/23/2018	<0.0059U	<0.012U	<0.011U	<0.011U	0.35J	0.15J	0.038J	<0.0088U	<0.013U	0.5689
Rear Parking Lot	SSHS-B930	8-10	1/23/2018	<0.0062U	<0.012U	<0.011U	<0.011U	0.016J	<0.013U	<0.0054U	<0.0093U	<0.013U	0.05645
Rear Parking Lot	SSHS-B931	4-6	1/10/2018	<0.06U	<0.12U	<0.11U	<0.11U	7.3J	3.2J	0.77J	<0.089U	<0.13U	11.58
Rear Parking Lot	SSHS-B932	2-4	1/24/2018	<0.64U	<1.3U	<1.2U	<1.2U	120J	34J	7.6J	<0.96U	<1.4U	165
Rear Parking Lot	SSHS-B932	4-6	1/10/2018	<0.07U	<0.14U	<0.13U	<0.13U	21J	5.3J	1.6J	<0.1U	<0.15U	28.26
Rear Parking Lot	SSHS-B933	2-4	1/19/2018	<0.25U	<0.51U	<0.46U	<0.47U	230J	71J	7.1J	<0.38U	<0.55U	309.4
Rear Parking Lot	SSHS-B936	2-4	1/9/2018	<0.058U	<0.12U	<0.11U	<0.11U	28J	9.8J	2.2J	<0.087U	<0.13U	40.31
Rear Parking Lot	SSHS-B937	4-6	1/20/2018	<0.058U	<0.12U	<0.11U	<0.11U	24J	8.1J	0.85J	<0.087U	<0.13U	33.26
Rear Parking Lot	SSHS-B938	2-4	1/9/2018	<0.61U	<1.2U	<1.1U	<1.1U	180J	59J	11J	<0.9U	<1.3U	253.1
Rear Parking Lot	SSHS-B938	4-6	1/23/2018	<0.0063U	<0.012U	<0.011U	<0.012U	2.6J	0.92J	0.25J	<0.0093U	<0.014U	3.802
Rear Parking Lot	SSHS-B939	2-4	1/11/2018	<0.3U	<0.61U	<0.56U	<0.56U	88J	21J	5.8J	<0.46U	<0.66U	116.4
Rear Parking Lot	SSHS-B939	6-8	1/23/2018	<0.0063U	<0.013U	<0.012U	<0.012U	2.1J	0.7J	0.18J	<0.0094U	<0.014U	3.013
Rear Parking Lot	SSHS-B940	2-4	1/22/2018	<0.63U	<1.3U	<1.1U	<1.2U	190J	56J	13J	<0.94U	<1.4U	262.3
Rear Parking Lot	SSHS-B941	2-4	1/14/2018	<0.12U	<0.24U	<0.22U	<0.22U	29J	11J	1.9J	<0.18U	<0.26U	42.52
Rear Parking Lot	SSHS-B941	4-6	1/14/2018	<0.061U	<0.12U	<0.11U	<0.11U	11J	4.3J	0.74J	<0.091U	<0.13U	16.35
Rear Parking Lot	SSHS-B942	2-4	1/14/2018	<0.029U	<0.057U	<0.052U	<0.053U	3.2J	1.6J	0.32J	<0.043U	<0.062U	5.268
Rear Parking Lot	SSHS-B942	8-10	1/24/2018	<0.0061U	<0.012U	<0.011U	<0.011U	0.042	<0.013U	<0.0053U	<0.0091U	<0.013U	0.08225
Rear Parking Lot	SSHS-B943	2-4	1/10/2018	<0.06U	<0.12U	<0.11U	<0.11U	7.5J	1.8J	0.42J	<0.089U	<0.13U	10.03
Rear Parking Lot	SSHS-B944	4-6	1/20/2018	<0.06U	<0.12U	<0.11U	<0.11U	37J	11J	1.3J	<0.089U	<0.13U	49.61
Rear Parking Lot	SSHS-B945	2-4	1/22/2018	<0.63U	<1.3U	<1.2U	<1.2U	280J	79J	18J	<0.94U	<1.4U	380.3
Rear Parking Lot	SSHS-B945	4-6	1/22/2018	<0.0066U	<0.013U	<0.012U	<0.012U	0.79J	0.3J	0.078J	<0.0098U	<0.014U	1.202
Rear Parking Lot	SSHS-B945	6-8	1/22/2018	<0.033U	<0.066U	<0.06U	<0.061U	7.8J	2.3J	0.5J	<0.049U	<0.072U	10.77
Rear Parking Lot	SSHS-B946	2-4	1/22/2018	<0.67U	<1.3U	<1.2U	<1.2U	130J	43J	10J	<1U	<1.4U	186.4
Rear Parking Lot	SSHS-B946	4-6	1/22/2018	<0.063U	<0.12U	<0.11U	<0.12U	30J	8.9J	2J	<0.093U	<0.14U	41.22
Rear Parking Lot	SSHS-B946	6-8	1/22/2018	<0.0069U	<0.014U	<0.013U	<0.013U	0.17J	0.057J	<0.006U	<0.01U	<0.015U	0.266
Rear Parking Lot	SSHS-B947	6-8	1/22/2018	<0.0062U	<0.012U	<0.011U	<0.011U	0.057J	0.023J	<0.0054U	<0.0093U	<0.013U	0.114
Rear Parking Lot	SSHS-B948	10-12	1/23/2018	<0.0063U	<0.013U	<0.012U	<0.012U	0.048J	0.021J	<0.0055U	<0.0095U	<0.014U	0.1052
Rear Parking Lot	SSHS-B949	2-4	3/1/2018	<0.0062U	<0.012U	<0.011U	<0.011U	0.1J	0.054J	0.01J	<0.0093U	<0.013U	0.1953
Rear Parking Lot	SSHS-B950	2-4	3/4/2018	<0.0061U	<0.012U	<0.011U	<0.011U	1.4J	0.77J	0.15J	<0.0091U	<0.013U	2.351
Rear Parking Lot	SSHS-B951	2-4	2/28/2018	<0.0061U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0053U	<0.0091U	<0.013U	<0.0955
Rear Parking Lot	SSHS-B952	6-8	3/4/2018	<0.03U	<0.061U	<0.055U	<0.056U	8.2J	3.1J	0.5J	<0.045U	<0.066U	11.96
Rear Parking Lot	SSHS-B952	10-12	3/4/2018	<0.0064U	<0.013U	<0.012U	<0.012U	0.18J	0.081J	<0.0056U	<0.0095U	<0.014U	0.2973
Rear Parking Lot	SSHS-B954	6-8	3/5/2018	<0.0062U	<0.012U	<0.011U	<0.011U	0.11J	0.48J	0.32J	<0.0093U	<0.013U	0.9413
Rear Parking Lot	SSHS-B955	2-4	2/27/2018	<0.06U	<0.12U	<0.11U	<0.11U	12	4.3	0.85	<0.09U	<0.13U	17.46
Rear Parking Lot	SSHS-B955	4-6	2/28/2018	<0.0058U	<0.011U	<0.01U	<0.011U	0.27	0.19	0.066	<0.0086U	<0.012U	0.5552
Rear Parking Lot	SSHS-B955	6-8	2/27/2018	<0.0059U	<0.012U	<0.011U	<0.011U	1.6	0.77	0.16	<0.0088U	<0.013U	2.561
Rear Parking Lot	SSHS-B955	8-10	2/27/2018	<0.0059U	<0.012U	<0.011U	<0.011U	1.2	0.58	0.12	<0.0087U	<0.013U	1.931
Rear Parking Lot	SSHS-B956	6-8	2/27/2018	<0.062U	<0.12U	<0.11U	<0.11U	15	4.9	0.83	<0.093U	<0.13U	21.04
Rear Parking Lot	SSHS-B956	8-10	2/27/2018	<0.0056U	<0.011U	<0.01U	<0.01U	3.2	1	0.2	<0.0084U	<0.012U	4.429
Rear Parking Lot	SSHS-B957	6-8	2/28/2018	<0.0056U	<0.011U	<0.01U	<0.01U	0.85	0.34	0.076	<0.0084U	<0.012U	1.295
Rear Parking Lot	SSHS-B957	8-10	2/28/2018	<0.029U	<0.057U	<0.052U	<0.053U	6.5	2.8	0.57	<0.043U	<0.062U	10.02
Rear Parking Lot	SSHS-B957	12-14	2/28/2018	<0.03U	<0.06U	<0.055U	<0.055U	5.1	2.3	0.46	<0.045U	<0.065U	8.015
Rear Parking Lot	SSHS-B958	6-8	3/4/2018	<0.029U	<0.058U	<0.053U	<0.054U	14J	4.7J	0.67J	<0.044U	<0.063U	19.52
Rear Parking Lot	SSHS-B958	10-12	3/4/2018	<0.0063U	<0.012U	<0.011U	<0.012U	0.4J	0.12J	<0.0055U	<0.0093U	<0.014U	0.5551
Rear Parking Lot	SSHS-B959	2-4	2/28/2018	<0.031U	<0.061U	<0.056U	<0.057U	24	11	2	<0.046U	<0.066U	37.16
Rear Parking Lot	SSHS-B959	4-6	2/28/2018	<0.034U	<0.067U	<0.062U	<0.062U	3.2	1.4	0.29	<0.05U	<0.073U	5.064
Rear Parking Lot	SSHS-B959	6-8	2/28/2018	<0.0061U	<0.012U	<0.011U	<0.011U	0.077	0.035	0.0089J	<0.0091U	<0.013U	0.152
Rear Parking Lot	SSHS-B959	8-10	2/28/2018	<0.031U	<0.062U	<0.057U	<0.057U	0.87	0.44	0.086J	<0.046U	<0.067U	1.556
Rear Parking Lot	SSHS-B960	2-4	2/28/2018	<0.063U	<0.13U	<0.11U	<0.12U	16	5.2	1	<0.094U	<0.14U	22.53
Rear Parking Lot	SSHS-B960	8-10	2/28/2018	<0.0066U	<0.013U	<0.012U	<0.012U	3.6	1.1	0.28	<0.0098U	<0.014U	5.014
Rear Parking Lot	SSHS-B961	8-10	3/5/2018	<0.0066U	<0.013U	<0.012U	<0.012U	3.5J	1.8J	0.37J	<0.0098U	<0.014U	5.704
Rear Parking Lot	SSHS-B962	8-10	3/5/2018	<0.06U	<0.12U	<0.11U	<0.11U	16J	8.4J	2J	<0.09U	<0.13U	26.71
Rear Parking Lot	SSHS-B963	4-6	3/4/2018	<0.0062U	<0.012U	<0.011U	<0.011U	0.55J	0.22J	0.045J	<0.0093U	<0.013U	0.8463
Rear Parking Lot	SSHS-B963	6-8	3/4/2018	<0.0059U	<0.012U	<0.011U	<0.011U	4.1	1.3	0.22	<0.0087U	<0.013U	5.651
Rear Parking Lot	SSHS-B967	2-4	3/4/2018	<0.12U	<0.24U	<0.22U	<0.22U	46J	14J	1.6J	<0.18U	<0.26U	62.22
Rear Parking Lot	SSHS-B968	2-4	3/1/2018	<0.029U	<0.059U	<0.054U	<0.054U	3.5	1.3	0.17	<0.044U	<0.064U	5.122
Rear Parking Lot	SSHS-B969	2-4	3/1/2018	<0.031U	<0.063U	<0.057U	<0.058U	9.3	3.8	0.59	<0.047U	<0.068U	13.85
Rear Parking Lot	SSHS-B969	4-6	3/1/2018	<0.0068U	<0.014U	<0.012U	<0.013U	<0.017U	<0.014U	<0.006U	<0.01U	<0.015U	<0.1078
Rear Parking Lot	SSHS-B970	4-6	3/1/2018	<0.0062U	<0.012U	<0.011U	<0.011U	0.56J	0.14J	0.024J	<0.0093U	<0.013U	0.7553
Rear Parking Lot	SSHS-B971	2-4	2/27/2018	<0.0056U	<0.011U	<0.01U	<0.01U	0.37	0.19	0.039	<0.0084U	<0.012U	0.6275
Rear Parking Lot	SSHS-B972	4-6	3/5/2018	<0.0063U	<0.013U	<0.012U	<0.012U	0.41J	0.66J	0.24J	<0.0095U	<0.014U	1.343
Rear Parking Lot	SSHS-B973	4-6	3/1/2018	<0.029U	<0.058U	<0.053U	<0.054U	0.62	0.28	0.049J	<0.044U	<0.063U	1.1
Rear Parking Lot	SSHS-B973	6-8	3/1/2018	<0.03U	<0.059U	<0.054U	<0.055U	0.27	0.32	0.12	<0.044U	<0.064U	0.863
Rear Parking Lot	SSHS-B973	8-10	3/1/2018	<0.031U	<0.062U	<0.056U	<0.057U	1.5	0.97	0.13	<0.046U	<0.067U	2.76
Rear Parking Lot	SSHS-B973	10-12	3/1/2018	<0.032U	<0.064U	<0.059U	<0.059U	0.54	0.62	0.14	<0.048U	<0.07U	1.466
Rear Parking Lot	SSHS-B973	12-14	3/1/2018	<0.033U	<0.066U	<0.061U	<0.061U	0.31	0.24	0.044J	<0.05U	<0.072U	0.7655
Rear Parking Lot	SSHS-B974	4-6	3/3/2018	<0.0062U	<0.012U	<0.011U	<0.011U	0.32J	0.16J	0.028J	<0.0092U	<0.013U	0.5392
Rear Parking Lot	SSHS-B975	4-6	3/5/2018	<0.0061U	<0.012U	<0.011U	<0.011U	0.61J	0.42J	0.063J	<0.0091U	<0.013U	1.124
Rear Parking Lot	SSHS-B975	6-8	3/5/2018	<0.0065U,*	<0.013U	<0.012U	<0.012U	<0.016U	1.3	0.18*	<0.0097U	<0.014U	1.522
Rear Parking Lot	SSHS-B976	6-8	3/4/2018	<0.031U	<0.062U	<0.057U	<0.057U	8.6J	3.1J	0.5J	<0.046U	<0.067U	12.36
Rear Parking Lot	SSHS-B977	4-6	3/1/2018	<0.029U	<0.058U	<0.053U	<0.054U	0.62	0.34	0.076J	<0.044U	<0.063U	1.187
Rear Parking Lot	SSHS-B977	6-8	3/1/2018	<0.031U	<0.062U	<0.057U	<0.058U	0.37	0.24	0.071J	<0.047U	<0.068U	0.8425
Rear Parking Lot	SSHS-B977	8-10	3/1/2018	<0.03U	<0.06U	<0.055U	<0.056U	0.76	0.48	0.074J	<0.045U	<0.065U	1.47
Rear Parking Lot	SSHS-B977	10-12	3/1/2018	<0.035U	<0.071U	<0.065U	<0.065U	2.7	2.5	0.38	<0.053U	<0.076U	5.763
Rear Parking Lot	SSHS-B977	12-14	3/1/2018	<0.033U	<0.067U	<0.061U	<0.062U	3.5	2.5	0.46	<0.05U	<0.072U	6.633
Rear Parking Lot	SSHS-B978	6-8	3/5/2018	<0.0061U	<0.012U	<0.011U	<0.011U	1.7J	1.3J	0.2J	<0.0091U	<0.013U	3.231
Rear Parking Lot	SSHS-B978	8-10	3/5/2018	<0.006U,*	<0.012U	<0.011U	<0.011U	2.4	0.66	0.1*	<0.0089U	<0.013U	3.191
Rear Parking Lot	SSHS-B978	10-12	3/5/2018	<0.0058U	<0.012U	<0.011U	<0.011U	0.35J	0.17J	0.033J	<0.0086U	<0.013U	0.5837
Rear Parking Lot	SSHS-B978	12-14	3/5/2018	<0.0059U,*	<0.012U	<0.011U	<0.011U	2.8	0.88	0.13*	<0.0089U	<0.013U	3.841
Rear Parking Lot	SSHS-B979	10-12	3/4/2018	<0.0072U	<0.014U	<0.013U	<0.013U	5.5J	1.6J	0.24J	<0.011U	<0.016U	7.377
Rear Parking Lot	SSHS-B980	12-14	3/4/2018	<0.0068U	<0.014U	<0.012U	<0.013U	1.1J	0.26J	0.036J	<0.01U	<0.015U	1.431
Rear Parking Lot	SSHS-B981	2-4	2/28/2018	<0.12U	<0.24U	<0.22U	<0.22U	45	12	2.1	<0.18U	<0.26U	59.72
Rear Parking Lot	SSHS-B981	4-6	2/28/2018	<0.0058U	<0.012U	<0.011U	<0.011U	4.5	1.7	0.23	<0.0086U	<0.012U	6.46
Rear Parking Lot	SSHS-B981	8-10	2/28/2018	<0.0063U	<0.012U	<0.011U	<0.012U	0.83	0.45	0.15	<0.0093U	<0.014U	1.462

TABLE 3
Summary of PCB Results for Subsurface Soils
(below 2 ft bgs)
Former Sperry Remington Site - North Portion
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.00021	0.00033	0.00011	0.00017	0.00011	0.00017	0.00016	0.000085	0.00014	
Subsurface Soil Criteria													10
NYS Hazardous Material													50
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**										
Rear Parking Lot	SSHS-B981	10-12	2/28/2018	<0.0064U	<0.013U	<0.012U	<0.012U	0.43	0.21	0.048	<0.0096U	<0.014U	0.7215
Rear Parking Lot	SSHS-B981	12-14	2/28/2018	<0.006U	<0.012U	<0.011U	<0.011U	0.21	0.094	0.019	<0.009U	<0.013U	0.354
Rear Parking Lot	SSHS-B982	2-4	2/28/2018	<0.006U	<0.012U	<0.011U	<0.011U	4.1	2	0.32	<0.0089U	<0.013U	6.451
Rear Parking Lot	SSHS-B982	4-6	2/28/2018	<0.031U	<0.062U	<0.056U	<0.057U	0.95	0.38	0.066J	<0.046U	<0.067U	1.556
Rear Parking Lot	SSHS-B983	2-4	2/28/2018	<0.062U	<0.12U	<0.11U	<0.12U	21	7.5	1.7	<0.093U	<0.13U	30.52
Rear Parking Lot	SSHS-B984	4-6	3/1/2018	<0.0059U	<0.012U	<0.011U	<0.011U	0.18J	0.049J	<0.0052U	<0.0088U	<0.013U	0.2625
Rear Parking Lot	SSHS-B985	4-6	2/28/2018	<0.028U,F1	<0.055U	<0.051U	<0.051U	2.4	0.99	0.2	<0.042U	<0.06U	3.734
Rear Parking Lot	SSHS-B985	6-8	2/28/2018	<0.034U	<0.068U	<0.062U	<0.063U	4.5	1.9	0.42	<0.051U	<0.073U	6.996
Rear Parking Lot	SSHS-B986	6-8	3/5/2018	<0.0059U	<0.012U	<0.011U	<0.011U	0.22J	0.18J	0.058J	<0.0088U	<0.013U	0.4889
Rear Parking Lot	SSHS-B987	8-10	3/3/2018	<0.061U,F1	<0.12U	<0.11U	<0.11U	15J	6.9J	1.2J	<0.091U	<0.13U	23.41
Rear Parking Lot	SSHS-B987	10-12	3/3/2018	<0.0059U,*	<0.012U	<0.011U	<0.011U	3	1.1	0.13*	<0.0087U	<0.013U	4.261
Rear Parking Lot	SSHS-B988	8-10	3/3/2018	<0.12U	<0.24U	<0.22U	<0.22U	34J	11J	1.4J	<0.18U	<0.26U	47.02
Rear Parking Lot	SSHS-B988	10-12	3/3/2018	<0.3U	<0.61U	<0.56U	<0.56U	68	15	3.1	<0.45U	<0.66U	87.67
Rear Parking Lot	SSHS-B989	8-10	3/5/2018	<0.0065U	<0.013U	<0.012U	<0.012U	4.3J	1.6J	0.2J	<0.0096U	<0.014U	6.134
Rear Parking Lot	SSHS-B989	10-12	3/5/2018	<0.0059U	<0.012U	<0.011U	<0.011U	3.5	1.2	0.21	<0.0088U	<0.013U	4.941
Rear Parking Lot	SSHS-B991	8-10	3/3/2018	<0.059U	<0.12U	<0.11U	<0.11U	18J	5.6J	0.71J	<0.088U	<0.13U	24.62
Rear Parking Lot	SSHS-B991	10-12	3/3/2018	<0.0069U	<0.014U	<0.013U	<0.013U	4.7	1.4	0.2p	<0.01U	<0.015U	6.336
Rear Parking Lot	SSHS-B992	8-10	3/4/2018	<0.12U	<0.24U	<0.22U	<0.22U	43J	14J	2.1J	<0.18U	<0.26U	59.72
Rear Parking Lot	SSHS-B992	10-12	3/4/2018	<0.0063U	<0.013U	<0.011U	<0.012U	1.9	0.58	0.11	<0.0094U	<0.014U	2.623
Rear Parking Lot	SSHS-B993	10-12	3/1/2018	<0.031U	<0.062U	<0.057U	<0.057U	0.26	0.11	<0.027U	<0.047U	<0.067U	0.544
Rear Parking Lot	SSHS-B993	12-14	3/1/2018	<0.007U	<0.014U	<0.013U	<0.013U	0.027	<0.015U	<0.0061U	<0.01U	<0.015U	0.07355
Rear Parking Lot	SSHS-B994	4-6	3/1/2018	<0.0059U	<0.012U	<0.011U	<0.011U	2.8	0.92	0.1	<0.0087U	<0.013U	3.851
Rear Parking Lot	SSHS-B995	4-6	3/1/2018	<0.032U	<0.063U	<0.058U	<0.059U	1.3	0.83	0.15	<0.048U	<0.069U	2.445
Rear Parking Lot	SSHS-B998	8-10	2/28/2018	<0.03U	<0.06U	<0.055U	<0.055U	0.72	0.36	0.12	<0.045U	<0.065U	1.355
Rear Parking Lot	SSHS-MW42	5-6	3/1/2016	<0.0091U	<0.014U	<0.005U	<0.0074U	<0.0047U	<0.0074U	<0.0068U	<0.0037U	<0.0062U	<0
Rear Parking Lot	SSHS-MW42	10-11	3/1/2016	<0.0082U	<0.013U	<0.0045U	<0.0066U	0.034J	0.021J	0.0086J	<0.0034U	<0.0056U	0.0636
Rear Parking Lot	SSHS-MW43	5-6	3/1/2016	<0.0086U	<0.014U	<0.0047U	<0.0069U	<0.0044U	<0.0069U	<0.0064U	<0.0035U	<0.0058U	<0
Rear Parking Lot	SSHS-MW43	6-7	3/1/2016	<0.0086U	<0.014U	<0.0047U	<0.0069U	0.011J	<0.0069U	<0.0064U	<0.0035U	<0.0058U	0.011
Rear Parking Lot	SSHS-MW46	2-4	8/30/2016	<0.0092U	<0.014U	<0.005U	<0.0074U	0.022	<0.0074U	<0.0069U	<0.0037U	<0.0062U	0.0519
Rear Parking Lot	SSHS-MW46	4-6	8/30/2016	<0.47U	<0.73U	<0.25U	<0.38U	69J	25J	4J	<0.19U	<0.32U	99.17
Rear Parking Lot	SSHS-MW46	6-8	8/30/2016	<0.0087U	<0.014U	<0.0048U	<0.007U	<0.0045U	<0.007U	<0.0065U	<0.0036U	<0.0059U	<0.062
Rear Parking Lot	SSHS-MW46	8-10	8/30/2016	<0.0095U	<0.015U	<0.0052U	<0.0076U	<0.0048U	<0.0076U	<0.0071U	<0.0039U	<0.0064U	<0.0671
Rear Parking Lot	SSHS-MW46	10-12	8/30/2016	<0.048U	<0.075U	<0.026U	<0.038U	8.9J	3.3J	0.49J	<0.019U	<0.032U	12.81
Rear Parking Lot	SSHS-MW46	12-14	8/30/2016	<0.0095U	<0.015U	<0.0052U	<0.0077U	0.019J	<0.0077U	<0.0071U	<0.0039U	<0.0064U	0.05025

Notes:
J - estimated value
U - non-detect
mg/kg - milligram per kilogram
ft bgs - feet below ground surface
PCBs - polychlorinated biphenyls
Concentrations detected above the soil cleanup criteria for PCBs (below 2 ft bgs) of 10 mg/kg are presented in grey.
PCB concentrations detected above New York State hazardous waste threshold (6 NYCRR Part 371.4 (e)) are presented in dark grey

TABLE 4
Proposed Sidewall and Bottom Pre-Delineation Confirmation Samples
Former Sperry Remington Site - North Portion
Elmira, New York

Location	Depth Interval (ft bgs)	PCB Concentration (mg/kg)	Recovery %	Sidewall or Bottom Sample	Notes
SSHS-B102	0-2	4.02	100	Sidewall	
SSHS-B107	0-2	5.47	84	Sidewall	
SSHS-B108	0-2	1.135	50	Sidewall	
SSHS-B111	0-2	0.0919	54	Sidewall	
SSHS-B112	0-2	0.0083	100	Sidewall	
SSHS-B117	0-2	42.5	88	Sidewall	
SSHS-B119	0-2	42	71	Sidewall	
SSHS-B121	0-2	3.99	100	Sidewall	
SSHS-B122	0-2	0.0247	100	Sidewall	
SSHS-B124	0-2	1.893	100	Sidewall	
SSHS-B127	0-2	16.78	100	Sidewall	
SSHS-B130	0-2	24.96	100	Sidewall	
SSHS-B131	0-2	0.943	100	Sidewall	
SSHS-B132	0-2	0.813	100	Sidewall	
SSHS-B140	0-2	2.18	100	Sidewall	
SSHS-B142	0-2	21.91	100	Sidewall	
SSHS-B145	0-2	3.1	100	Sidewall	
SSHS-B146	0-2	0.0075	100	Sidewall	
SSHS-B147	0-2	0.931	100	Sidewall	
SSHS-B148	0-2	< 0	100	Sidewall	
SSHS-B149	0-2	0.282	100	Sidewall	
SSHS-B157	0-2	14.93	100	Sidewall	
SSHS-B158	0-2	0.439	96	Sidewall	
SSHS-B161	0-2	21.88	100	Sidewall	
SSHS-B162	0-2	1.401	100	Sidewall	
SSHS-B372	0-2	25.5	100	Sidewall	
SSHS-B374	0-2	0.013	100	Sidewall	
SSHS-B375	0-2	< 0	79	Sidewall	
SSHS-B380	0-2	1.421	92	Sidewall	
SSHS-B381	0-2	0.428	100	Sidewall	
SSHS-B382	0-2	0.0204	100	Sidewall	
SSHS-B383	0-2	0.104	100	Sidewall	
SSHS-B386	0-2	3.4	100	Sidewall	
SSHS-B521	0-2	0.2316	92	Sidewall	
SSHS-B523	0-2	0.1051	100	Sidewall	
SSHS-B524	0-2	0.4393	100	Sidewall	
SSHS-B525	0-2	0.05860	100	Sidewall	
SSHS-B526	0-2	4.84	100	Sidewall	
SSHS-B528	0-2	11.15	100	Sidewall	
SSHS-B529	0-2	5.461	100	Sidewall	
SSHS-B531	0-2	0.2543	96	Sidewall	
SSHS-B828	0-2	3.961	100	Sidewall	
SSHS-B829	0-2	< 0.0865	96	Sidewall	
SSHS-B830	0-2	49.62	100	Sidewall	
SSHS-B831	0-2	0.5456	100	Sidewall	
SSHS-B832	0-2	< 0.0928	84	Sidewall	
SSHS-B835	0-2	7.189	92	Sidewall	
SSHS-B837	0-2	18.72	100	Sidewall	
SSHS-B838	0-2	0.122	100	Sidewall	
SSHS-B839	0-2	17.66	100	Sidewall	
SSHS-B840	0-2	39.69	100	Sidewall	
SSHS-B847	0-2	23.87	100	Sidewall	
SSHS-B850	0-2	0.3946	75	Sidewall	
SSHS-B851	0-2	12.65	100	Sidewall	
SSHS-B852	0-2	5.898	100	Sidewall	
SSHS-B853	0-2	2.039	100	Sidewall	
SSHS-B854	0-2	< 0.0853	75	Sidewall	
SSHS-B855	0-2	14.63	100	Sidewall	
SSHS-B856	0-2	0.1093	54	Sidewall	
SSHS-B857	0-2	0.1931	75	Sidewall	
SSHS-B859	0-2	0.242	96	Sidewall	
SSHS-B860	0-2	< 0.0926	75	Sidewall	
SSHS-B861	0-2	0.06300	100	Sidewall	
SSHS-B877	0-2	2	100	Sidewall	
SSHS-B881	0-2	38.38	96	Sidewall	
SSHS-B888	0-2	14.83	100	Sidewall	
SSHS-B892	0-2	22.41	92	Sidewall	
SSHS-B893	0-2	31.81	100	Sidewall	
SSHS-B900	0-2	9.34	75	Sidewall	
SSHS-B901	0-2	1.294	100	Sidewall	
SSHS-B902	0-2	0.3874	100	Sidewall	
SSHS-B903	0-2	0.4064	79	Sidewall	
SSHS-B904	0-2	29.29	100	Sidewall	
SSHS-B905	0-2	11.04	84	Sidewall	
SSHS-B908	0-2	6.33	58	Sidewall	
SSHS-B920	0-2	0.3444	100	Sidewall	
SSHS-B931	0-2	13.19	100	Sidewall	
SSHS-B932	0-2	0.128	71	Sidewall	
SSHS-B933	0-2	16.49	100	Sidewall	
SSHS-B934	0-2	24.04	100	Sidewall	
SSHS-B946	0-2	6.845	100	Sidewall	
SSHS-B968	0-2	4.758	100	Sidewall	
SSHS-B1189	0-2	0.0248	75	Sidewall	
SSHS-B1190	0-2	7.3	100	Sidewall	
SSHS-B1196	0-2	0.0207	88	Sidewall	
SSHS-B1067	0-2	1.156	54	Sidewall	
SSHS-B1194	0-2	2.923	63	Sidewall	
SSHS-B1193	0-2	0.69	63	Sidewall	
SSHS-B1192	0-2	3.897	54	Sidewall	
SSHS-B1069	0-2	0.03675	54	Sidewall	
SSHS-B1191	0-2	29.56	88	Sidewall	
SSHS-B1070	0-2	2.177	63	Sidewall	
SSHS-B1195	0-2	39.3	63	Sidewall	
SSHS-B1064	0-2	0.0261	63	Sidewall	
SSHS-B1063	0-2	0.0197	100	Sidewall	

TABLE 4
Proposed Sidewall and Bottom Pre-Delineation Confirmation Samples
Former Sperry Remington Site - North Portion
Elmira, New York

Location	Depth Interval (ft bgs)	PCB Concentration (mg/kg)	Recovery %	Sidewall or Bottom Sample	Notes
SSHS-B1071	0-2	0.0252	71	Sidewall	
SSHS-MW46	0-2	5.121	100	Sidewall	Corrected from Handwritten Log
SSHS-B69	0.17-2	0.571	100	Sidewall	
SSHS-B143	0-1	0.767	100	Sidewall	
SSHS-B160	0-1.5	23.31	67	Sidewall	
SSHS-B1002	2-4	41.38	71	Sidewall	
SSHS-B1024	2-4	0.8669	100	Sidewall	
SSHS-B114	2-4	0.0062	79	Sidewall/Bottom	
SSHS-B129	2-4	20.6	75	Sidewall	
SSHS-B132	2-4	36.4	50	Sidewall	
SSHS-B133	2-4	2.82	100	Sidewall	
SSHS-B139	2-4	2.653	54	Sidewall/Bottom	
SSHS-B147	2-4	33.35	66	Sidewall	
SSHS-B148	2-4	0.772	54	Sidewall/Bottom	
SSHS-B373	2-4	1.91	62	Sidewall/Bottom	
SSHS-B376	2-4	0.265	50	Sidewall/Bottom	
SSHS-B387	2-4	0.021	50	Sidewall/Bottom	
SSHS-B394	2-4	1.494	54	Sidewall/Bottom	
SSHS-B828	2-4	1.014	71	Sidewall/Bottom	
SSHS-B829	2-4	1.811	100	Bottom	
SSHS-B831	2-4	13.19	100	Sidewall	
SSHS-B834	2-4	28.01	79	Sidewall	
SSHS-B836	2-4	18.21	66	Sidewall	
SSHS-B837	2-4	33.2	100	Sidewall	
SSHS-B843	2-4	25.63	54	Sidewall	
SSHS-B844	2-4	29.25	92	Sidewall	
SSHS-B846	2-4	0.1946	88	Sidewall/Bottom	
SSHS-B851	2-4	15.58	100	Sidewall	
SSHS-B853	2-4	0.1324	100	Sidewall/Bottom	
SSHS-B854	2-4	8.151	100	Sidewall/Bottom	
SSHS-B858	2-4	46.82	75	Sidewall	
SSHS-B860	2-4	31	75	Sidewall	
SSHS-B861	2-4	2.021	88	Sidewall/Bottom	
SSHS-B863	2-4	4.761	79	Sidewall	
SSHS-B864	2-4	14.3	100	Sidewall	
SSHS-B865	2-4	0.9921	96	Bottom	
SSHS-B866	2-4	0.1624	88	Bottom	
SSHS-B867	2-4	0.1959	100	Bottom	
SSHS-B868	2-4	2.813	100	Bottom	
SSHS-B869	2-4	0.3758	100	Sidewall/Bottom	
SSHS-B870	2-4	4.351	92	Sidewall/Bottom	
SSHS-B871	2-4	0.1285	100	Bottom	
SSHS-B872	2-4	0.0772	79	Bottom	
SSHS-B873	2-4	1.731	66	Bottom	
SSHS-B882	2-4	1.048	79	Sidewall/Bottom	
SSHS-B884	2-4	0.19	100	Sidewall/Bottom	
SSHS-B885	2-4	33.53	100	Sidewall	
SSHS-B891	2-4	18.51	100	Sidewall	
SSHS-B894	2-4	5.001	96	Sidewall/Bottom	
SSHS-B895	2-4	0.6801	100	Sidewall/Bottom	
SSHS-B896	2-4	0.3338	84	Bottom	
SSHS-B898	2-4	21.31	84	Sidewall	
SSHS-B903	2-4	< 0.0915	71	Bottom	
SSHS-B908	2-4	3.941	92	Sidewall/Bottom	
SSHS-B909	2-4	4.053	66	Sidewall/Bottom	
SSHS-B910	2-4	0.1311	62	Sidewall	
SSHS-B911	2-4	0.5336	100	Sidewall	
SSHS-B913	2-4	23.32	62	Sidewall	
SSHS-B920	2-4	45.17	66	Sidewall	
SSHS-B921	2-4	1.331	100	Sidewall/Bottom	
SSHS-B922	2-4	2.344	50	Sidewall/Bottom	
SSHS-B924	2-4	2.481	100	Sidewall	
SSHS-B925	2-4	1.53	71	Sidewall/Bottom	
SSHS-B926	2-4	2.371	100	Sidewall/Bottom	
SSHS-B927	2-4	0.1138	71	Sidewall/Bottom	
SSHS-B929	2-4	3.301	100	Sidewall/Bottom	
SSHS-B930	2-4	3.711	100	Sidewall/Bottom	
SSHS-B936	2-4	40.31	100	Sidewall	
SSHS-B942	2-4	5.268	100	Sidewall	
SSHS-B943	2-4	10.03	100	Sidewall	
SSHS-B949	2-4	0.1953	66	Bottom	
SSHS-B950	2-4	2.351	66	Bottom	
SSHS-B951	2-4	< 0.0955	100	Bottom	
SSHS-B955	2-4	17.46	88	Sidewall	
SSHS-B960	2-4	22.53	71	Sidewall	
SSHS-B968	2-4	5.122	84	Sidewall/Bottom	
SSHS-B969	2-4	13.85	100	Sidewall	
SSHS-B971	2-4	0.6275	66	Sidewall/Bottom	
SSHS-B982	2-4	6.451	92	Sidewall/Bottom	
SSHS-B983	2-4	30.52	84	Sidewall	
SSHS-B1227	2-4	0.0648	58	Bottom	
SSHS-B1033	2-4	0.4701	63	Bottom	
SSHS-B1034	2-4	0.1658	83	Bottom	
SSHS-B1072	2-4	0.093	63	Sidewall	
SSHS-B1226	2-4	0.0982	50	Sidewall	
SSHS-B1078	2-4	8.364	100	Sidewall	
SSHS-B1207	2-4	4.451	54	Sidewall	
SSHS-B1077	2-4	0.4868	50	Sidewall	
SSHS-B1204	2-4	4.451	100	Sidewall	
SSHS-B1076	2-4	0.0957	100	Sidewall	
SSHS-B1228	2-4	0.0958	100	Sidewall	
SSHS-B1205	2-4	0.0982	100	Sidewall	
SSHS-B1024	2-4	0.8669	79	Sidewall	
SSHS-B1073	2-4	1.034	100	Sidewall	
SSHS-B1206	2-4	0.6462	75	Sidewall	

TABLE 4
Proposed Sidewall and Bottom Pre-Delineation Confirmation Samples
Former Sperry Remington Site - North Portion
Elmira, New York

Location	Depth Interval (ft bgs)	PCB Concentration (mg/kg)	Recovery %	Sidewall or Bottom Sample	Notes
SSHS-B1202	2-4	2.124	88	Sidewall	
SSHS-B1074	2-4	0.2486	58	Sidewall	
SSHS-B101	3-6	< 0	67	Bottom	
SSHS-B1002	4-6	3.261	79	Sidewall/Bottom	
SSHS-B1004	4-6	2.047	100	Sidewall	
SSHS-B1194	4-6	0.161	63	Bottom	
SSHS-B1231	4-6	0.4965	50	Sidewall/Bottom	
SSHS-B1232	4-6	13.76	58	Bottom	
SSHS-B1189	4-6	2.05	75	Bottom	
SSHS-B1233	4-6	0.4259	75	Bottom	
SSHS-B1203	4-6	0.1099	100	Bottom	
SSHS-B1105	4-6	0.11	100	Bottom	
SSHS-B1240	4-6	0.0981	79	Bottom	
SSHS-B1237	4-6	1.731	100	Bottom	
SSHS-B1235	4-6	0.163	63	Bottom	
SSHS-B1236	4-6	2.631	63	Bottom	
SSHS-B1064	4-6	3.611	63	Bottom	
SSHS-B1104	4-6	5.811	100	Bottom	
SSHS-B1234	4-6	7.791	58	Bottom	
SSHS-B1193	4-6	0.1393	63	Sidewall	
SSHS-B1079	4-6	9.801	100	Sidewall	
SSHS-B1219	4-6	17.05	100	Sidewall	
SSHS-B1068	4-6	14.82	92	Sidewall	
SSHS-B1216	4-6	1.831	79	Sidewall	
SSHS-B1202	4-6	0.3606	88	Sidewall	
SSHS-B1206	4-6	1.157	75	Sidewall	
SSHS-B1214	4-6	20.7	100	Sidewall	
SSHS-B102	4-6	8.38	100	Sidewall/Bottom	
SSHS-B103	4-6	32.8	100	Sidewall	
SSHS-B104	4-6	49.2	73	Sidewall	
SSHS-B107	4-6	5.2	100	Sidewall/Bottom	
SSHS-B108	4-6	2.194	100	Sidewall/Bottom	
SSHS-B109	4-6	1.839	100	Sidewall/Bottom	
SSHS-B111	4-6	41.7	100	Sidewall	
SSHS-B112	4-6	0.596	100	Sidewall/Bottom	
SSHS-B115	4-6	3.72	100	Sidewall/Bottom	
SSHS-B116	4-6	6.62	100	Sidewall/Bottom	
SSHS-B120	4-6	25.2	100	Sidewall	
SSHS-B122	4-6	7.51	100	Sidewall/Bottom	
SSHS-B123	4-6	0.437	100	Sidewall	
SSHS-B125	4-6	0.939	100	Sidewall/Bottom	
SSHS-B126	4-6	0.566	100	Sidewall/Bottom	
SSHS-B133	4-6	3.34	100	Sidewall	
SSHS-B139	4-6	0.2434	100	Sidewall/Bottom	
SSHS-B141	4-6	1.117	100	Sidewall/Bottom	
SSHS-B142	4-6	2.578	100	Sidewall/Bottom	
SSHS-B145	4-6	1.36	100	Sidewall	
SSHS-B146	4-6	25.7	100	Sidewall	
SSHS-B147	4-6	14.15	100	Sidewall	
SSHS-B148	4-6	0.197	100	Sidewall/Bottom	
SSHS-B149	4-6	3.5	71	Sidewall/Bottom	
SSHS-B157	4-6	5.77	100	Sidewall/Bottom	
SSHS-B161	4-6	7.84	100	Sidewall	
SSHS-B162	4-6	4.12	100	Sidewall/Bottom	
SSHS-B371	4-6	5.22	100	Sidewall	
SSHS-B372	4-6	2.38	100	Sidewall/Bottom	
SSHS-B373	4-6	0.369	100	Sidewall/Bottom	
SSHS-B378	4-6	2.16	100	Sidewall/Bottom	
SSHS-B387	4-6	0.774	100	Bottom	
SSHS-B394	4-6	4.26	100	Bottom	
SSHS-B532	4-6	0.5519	100	Sidewall	
SSHS-B544	4-6	0.346	54	Bottom	
SSHS-B551	4-6	0.36	71	Sidewall	
SSHS-B553	4-6	10.24	100	Sidewall	
SSHS-B556	4-6	0.0455	66	Bottom	
SSHS-B829	4-6	0.1363	66	Bottom	
SSHS-B830	4-6	33.5	100	Sidewall	
SSHS-B831	4-6	1.661	100	Sidewall/Bottom	
SSHS-B832	4-6	1.057	100	Sidewall/Bottom	
SSHS-B834	4-6	3.151	100	Sidewall/Bottom	
SSHS-B835	4-6	4.251	92	Sidewall/Bottom	
SSHS-B836	4-6	13	100	Sidewall	
SSHS-B837	4-6	2.982	62	Sidewall/Bottom	
SSHS-B840	4-6	25.31	96	Sidewall	
SSHS-B842	4-6	8.102	100	Sidewall	
SSHS-B844	4-6	14.74	100	Sidewall	
SSHS-B845	4-6	0.6421	100	Sidewall/Bottom	
SSHS-B846	4-6	1.406	58	Sidewall/Bottom	
SSHS-B850	4-6	46.51	100	Sidewall	
SSHS-B851	4-6	3.651	100	Sidewall/Bottom	
SSHS-B852	4-6	5.943	100	Sidewall/Bottom	
SSHS-B853	4-6	0.0687	100	Bottom	
SSHS-B854	4-6	0.772	100	Bottom	
SSHS-B857	4-6	2.782	69	Sidewall	
SSHS-B859	4-6	24.11	100	Sidewall	
SSHS-B860	4-6	7.299	100	Sidewall/Bottom	
SSHS-B861	4-6	0.965	75	Bottom	
SSHS-B862	4-6	0.1191	79	Bottom	
SSHS-B863	4-6	1.051	96	Sidewall/Bottom	
SSHS-B864	4-6	1.311	84	Bottom	
SSHS-B870	4-6	1.561	50	Bottom	
SSHS-B875	4-6	1.762	100	Sidewall/Bottom	Corrected from Handwritten Log
SSHS-B876	4-6	< 0.1101	88	Bottom	
SSHS-B877	4-6	33.23	88	Sidewall	
SSHS-B892	4-6	18.61	100	Sidewall	

TABLE 4
Proposed Sidewall and Bottom Pre-Delineation Confirmation Samples
Former Sperry Remington Site - North Portion
Elmira, New York

Location	Depth Interval (ft bgs)	PCB Concentration (mg/kg)	Recovery %	Sidewall or Bottom Sample	Notes
SSHS-B893	4-6	14.59	100	Sidewall	
SSHS-B894	4-6	6.861	100	Bottom	
SSHS-B895	4-6	0.3481	100	Bottom	
SSHS-B898	4-6	44.82	100	Sidewall	
SSHS-B904	4-6	1.333	100	Sidewall/Bottom	
SSHS-B905	4-6	3.831	79	Sidewall	
SSHS-B906	4-6	34.11	100	Sidewall	
SSHS-B908	4-6	0.8754	66	Sidewall/Bottom	
SSHS-B910	4-6	0.6076	79	Sidewall/Bottom	
SSHS-B914	4-6	1.521	69	Sidewall/Bottom	
SSHS-B920	4-6	19.03	88	Sidewall	
SSHS-B925	4-6	1.711	62	Bottom	
SSHS-B928	4-6	1.561	66	Bottom	
SSHS-B931	4-6	11.58	100	Sidewall	
SSHS-B932	4-6	28.26	100	Sidewall	
SSHS-B937	4-6	33.26	84	Sidewall	
SSHS-B938	4-6	3.802	84	Sidewall	
SSHS-B941	4-6	16.35	100	Sidewall	
SSHS-B944	4-6	49.61	66	Sidewall	
SSHS-B945	4-6	1.202	100	Sidewall	
SSHS-B946	4-6	41.22	84	Sidewall	
SSHS-B955	4-6	0.5552	62	Sidewall	
SSHS-B959	4-6	5.064	62	Sidewall/Bottom	
SSHS-B963	4-6	0.8463	100	Bottom	
SSHS-B969	4-6	< 0.1078	100	Bottom	
SSHS-B970	4-6	0.7553	100	Bottom	
SSHS-B972	4-6	1.343	100	Bottom	
SSHS-B973	4-6	1.1	66	Bottom	
SSHS-B974	4-6	0.5392	100	Bottom	
SSHS-B975	4-6	1.124	100	Bottom	
SSHS-B977	4-6	1.187	75	Bottom	Corrected from Handwritten Log
SSHS-B981	4-6	6.46	66	Sidewall	
SSHS-B982	4-6	1.556	92	Bottom	
SSHS-B984	4-6	0.2625	66	Bottom	
SSHS-B985	4-6	3.734	100	Sidewall	
SSHS-B994	4-6	3.851	75	Sidewall	
SSHS-B995	4-6	2.445	92	Sidewall	
SSHS-B112	6-7	8.64	67	Sidewall/Bottom	
SSHS-B122	6-7	3.93	92	Sidewall/Bottom	
SSHS-B102	6-8	< 0	75	Sidewall	
SSHS-B103	6-8	0.011	75	Sidewall/Bottom	
SSHS-B104	6-8	0.031	73	Sidewall/Bottom	
SSHS-B105	6-8	< 0	60	Sidewall/Bottom	
SSHS-B109	6-8	< 0	92	Sidewall	
SSHS-B115	6-8	0.0058	79	Sidewall	
SSHS-B126	6-8	0.007	79	Sidewall/Bottom	
SSHS-B130	6-8	0.0205	66	Sidewall/Bottom	
SSHS-B131	6-8	1.217	92	Sidewall/Bottom	
SSHS-B133	6-8	< 0	75	Bottom	
SSHS-B145	6-8	5.47	62	Sidewall/Bottom	
SSHS-B146	6-8	6.27	62	Bottom	
SSHS-B147	6-8	0.782	71	Sidewall/Bottom	
SSHS-B547	6-8	< 0.0625	100	Sidewall/Bottom	
SSHS-B549	6-8	0.4749	58	Sidewall/Bottom	
SSHS-B832	6-8	1.861	100	Sidewall/Bottom	
SSHS-B834	6-8	3.949	100	Sidewall/Bottom	
SSHS-B835	6-8	6.091	62	Bottom	
SSHS-B838	6-8	5.501	100	Bottom	
SSHS-B840	6-8	1.33	84	Sidewall/Bottom	
SSHS-B841	6-8	0.2144	100	Sidewall/Bottom	
SSHS-B845	6-8	0.337	79	Sidewall/Bottom	
SSHS-B846	6-8	< 0.1099	75	Sidewall/Bottom	
SSHS-B848	6-8	3.329	100	Sidewall/Bottom	
SSHS-B851	6-8	1	84	Sidewall/Bottom	
SSHS-B852	6-8	6.278	75	Sidewall/Bottom	
SSHS-B860	6-8	3.859	84	Sidewall/Bottom	
SSHS-B863	6-8	0.881	66	Sidewall/Bottom	
SSHS-B877	6-8	9.834	75	Sidewall/Bottom	
SSHS-B878	6-8	0.4694	58	Sidewall/Bottom	
SSHS-B880	6-8	1.514	88	Bottom	
SSHS-B881	6-8	2.684	50	Bottom	
SSHS-B882	6-8	0.3524	66	Sidewall/Bottom	
SSHS-B884	6-8	0.2051	100	Sidewall	
SSHS-B885	6-8	8.809	100	Sidewall	
SSHS-B887	6-8	9.618	92	Sidewall	
SSHS-B891	6-8	1.241	84	Sidewall/Bottom	
SSHS-B892	6-8	2.421	88	Sidewall/Bottom	
SSHS-B893	6-8	0.0653	75	Sidewall/Bottom	
SSHS-B898	6-8	0.6536	54	Sidewall/Bottom	
SSHS-B904	6-8	0.4637	62	Sidewall/Bottom	
SSHS-B907	6-8	< 0.0954	100	Sidewall	
SSHS-B913	6-8	5.856	71	Sidewall/Bottom	
SSHS-B918	6-8	0.5845	100	Sidewall	
SSHS-B920	6-8	12.98	88	Sidewall	
SSHS-B930	6-8	0.5689	100	Sidewall/Bottom	
SSHS-B939	6-8	3.013	66	Sidewall/Bottom	
SSHS-B946	6-8	0.266	100	Sidewall/Bottom	
SSHS-B947	6-8	0.114	79	Sidewall/Bottom	
SSHS-B954	6-8	0.9413	100	Bottom	
SSHS-B955	6-8	2.561	54	Sidewall/Bottom	
SSHS-B957	6-8	1.295	100	Sidewall/Bottom	
SSHS-B959	6-8	0.152	92	Sidewall	
SSHS-B973	6-8	0.863	66	Sidewall	
SSHS-B975	6-8	1.522	96	Sidewall	
SSHS-B977	6-8	0.8425	62	Sidewall	

TABLE 4
Proposed Sidewall and Bottom Pre-Delineation Confirmation Samples
Former Sperry Remington Site - North Portion
Elmira, New York

Location	Depth Interval (ft bgs)	PCB Concentration (mg/kg)	Recovery %	Sidewall or Bottom Sample	Notes
SSHS-B978	6-8	3.231	96	Sidewall/Bottom	
SSHS-B985	6-8	6.996	92	Sidewall	
SSHS-B1080	6-8	1.343	100	Sidewall/Bottom	
SSHS-B1220	6-8	0.6512	100	Sidewall/Bottom	
SSHS-B1221	6-8	0.5357	71	Sidewall	
SSHS-B1223	6-8	0.9947	100	Sidewall	
SSHS-B1081	6-8	0.1029	100	Sidewall/Bottom	
SSHS-B1088	6-8	2.989	67	Bottom	
SSHS-B1242	6-8	1.974	100	Bottom	
SSHS-B1243	6-8	0.9511	50	Bottom	
SSHS-B1236	6-8	0.1295	63	Bottom	
SSHS-B1244	6-8	0.1295	92	Bottom	
SSHS-B1224	6-8	0.132	100	Bottom	
SSHS-B986	6-8	0.4889	100	Bottom	
SSHS-B1017	8-10	1.351	67	Sidewall	
SSHS-B1018	8-10	1.32	75	Sidewall	
SSHS-B1019	8-10	3.801	100	Sidewall	
SSHS-B102	8-10	6.28	71	Sidewall/Bottom	
SSHS-B1020	8-10	1.755	100	Sidewall	
SSHS-B1021	8-10	2.238	100	Sidewall	
SSHS-B1022	8-10	4.811	79	Sidewall	
SSHS-B1084	8-10	1.187	71	Sidewall	
SSHS-B1234	8-10	3.939	58	Bottom	
SSHS-B1198	8-10	0.6037	100	Bottom	
SSHS-B1109	8-10	0.1709	100	Bottom	
SSHS-B1237	8-10	3.551	100	Bottom	
SSHS-B1162	8-10	0.3838	100	Sidewall	
SSHS-B1158	8-10	0.1002	100	Sidewall	
SSHS-B106A	8-10	4.494	100	Bottom	
SSHS-B126	8-10	5.02	84	Bottom	
SSHS-B371	8-10	8.25	100	Sidewall/Bottom	
SSHS-B378	8-10	6.15	88	Sidewall	
SSHS-B392	8-10	1.395	100	Bottom	
SSHS-B393	8-10	2.61	100	Sidewall/Bottom	
SSHS-B394	8-10	3.125	66	Sidewall	
SSHS-B395	8-10	2.83	100	Bottom	
SSHS-B396	8-10	0.362	100	Sidewall	
SSHS-B532	8-10	0.2865	92	Sidewall	
SSHS-B538	8-10	5.592	100	Bottom	
SSHS-B540	8-10	1.885	100	Sidewall	
SSHS-B541	8-10	2.564	79	Sidewall/Bottom	
SSHS-B542	8-10	2.133	100	Sidewall/Bottom	
SSHS-B544	8-10	0.1452	66	Sidewall	
SSHS-B545	8-10	0.1395	100	Sidewall	
SSHS-B550	8-10	0.8458	84	Sidewall	
SSHS-B552	8-10	1.518	100	Bottom	
SSHS-B65	8-10	2.17	100	Sidewall/Bottom	
SSHS-B67	8-10	0.522	100	Sidewall/Bottom	
SSHS-B839	8-10	0.117	100	Bottom	
SSHS-B840	8-10	0.5521	100	Sidewall/Bottom	
SSHS-B842	8-10	5.942	96	Sidewall/Bottom	
SSHS-B848	8-10	1.958	75	Sidewall/Bottom	
SSHS-B850	8-10	0.3426	100	Sidewall/Bottom	
SSHS-B852	8-10	1.564	88	Sidewall/Bottom	
SSHS-B855	8-10	2.314	71	Sidewall/Bottom	
SSHS-B856	8-10	2.456	100	Sidewall	
SSHS-B887	8-10	17.24	71	Sidewall	
SSHS-B888	8-10	3.033	100	Sidewall/Bottom	
SSHS-B889	8-10	3.11	50	Sidewall/Bottom	
SSHS-B890	8-10	3.081	100	Sidewall/Bottom	
SSHS-B892	8-10	1.513	100	Sidewall/Bottom	
SSHS-B904	8-10	9.081	50	Sidewall/Bottom	
SSHS-B905	8-10	5.561	66	Bottom	
SSHS-B920	8-10	3.521	88	Sidewall/Bottom	
SSHS-B930	8-10	0.0564	79	Sidewall	
SSHS-B955	8-10	1.931	58	Sidewall	
SSHS-B956	8-10	4.429	100	Sidewall/Bottom	
SSHS-B959	8-10	1.556	84	Bottom	
SSHS-B960	8-10	5.014	79	Bottom	
SSHS-B961	8-10	5.704	100	Sidewall/Bottom	
SSHS-B973	8-10	2.76	66	Sidewall	
SSHS-B977	8-10	1.47	54	Sidewall	
SSHS-B978	8-10	3.191	100	Bottom	
SSHS-B981	8-10	1.462	50	Sidewall	
SSHS-B987	8-10	23.41	84	Sidewall	
SSHS-B988	8-10	47.02	96	Sidewall	
SSHS-B989	8-10	6.134	100	Sidewall	
SSHS-B991	8-10	24.62	92	Sidewall	
SSHS-B998	8-10	1.355	96	Bottom	Corrected from Handwritten Log
SSHS-MW46	8-10	< 0.0671	20	Sidewall	(To Be Resampled: SSHS-B1253)
SSHS-B1006	10-12	0.1989	84	Sidewall	
SSHS-B1010	10-12	0.1258	88	Sidewall	
SSHS-B1248	10-12	5.371	54	Bottom	
SSHS-B1247	10-12	4.042	100	Bottom	
SSHS-B1249	10-12	0.0929	100	Bottom	
SSHS-B1122	10-12	0.0955	100	Bottom	
SSHS-B1219	10-12	0.0958	100	Bottom	
SSHS-B1068	10-12	2.687	92	Bottom	
SSHS-B1160	10-12	0.06035	58	Bottom	
SSHS-B1198	10-12	3.15	100	Sidewall	
SSHS-B1086	10-12	0.9543	100	Sidewall	
SSHS-B377	10-12	0.744	100	Sidewall/Bottom	
SSHS-B537	10-12	< 0.0765	79	Sidewall/Bottom	
SSHS-B542	10-12	< 0.0593	100	Sidewall	
SSHS-B543	10-12	< 0.0675	54	Sidewall/Bottom	

TABLE 4
Proposed Sidewall and Bottom Pre-Delineation Confirmation Samples
Former Sperry Remington Site - North Portion
Elmira, New York

Location	Depth Interval (ft bgs)	PCB Concentration (mg/kg)	Recovery %	Sidewall or Bottom Sample	Notes
SSHS-B65	10-12	< 0	62	Bottom	
SSHS-B67	10-12	0.065	54	Sidewall/Bottom	
SSHS-B838	10-12	6.191	54	Sidewall	
SSHS-B840	10-12	4.163	100	Sidewall/Bottom	
SSHS-B841	10-12	0.1029	75	Sidewall/Bottom	
SSHS-B842	10-12	9.529	71	Bottom	
SSHS-B843	10-12	8.284	75	Bottom	
SSHS-B850	10-12	7.943	100	Sidewall/Bottom	Corrected from Handwritten Log
SSHS-B851	10-12	0.6693	66	Sidewall/Bottom	
SSHS-B852	10-12	2.106	62	Sidewall/Bottom	
SSHS-B855	10-12	1.529	79	Sidewall/Bottom	
SSHS-B877	10-12	2.101	62	Bottom	
SSHS-B878	10-12	0.1635	88	Bottom	
SSHS-B879	10-12	1.945	58	Sidewall/Bottom	
SSHS-B880	10-12	0.2794	92	Sidewall	
SSHS-B882	10-12	0.1136	88	Bottom	
SSHS-B885	10-12	5.601	88	Bottom	
SSHS-B886	10-12	11.82	96	Sidewall	
SSHS-B887	10-12	2.961	84	Sidewall/Bottom	
SSHS-B889	10-12	4.181	100	Sidewall/Bottom	
SSHS-B891	10-12	0.3043	54	Sidewall/Bottom	
SSHS-B893	10-12	15.36	84	Sidewall	
SSHS-B919	10-12	2.281	66	Sidewall	
SSHS-B920	10-12	7.293	100	Bottom	
SSHS-B948	10-12	0.1052	100	Bottom	
SSHS-B958	10-12	0.5551	100	Bottom	
SSHS-B973	10-12	1.466	66	Sidewall/Bottom	
SSHS-B977	10-12	5.763	58	Sidewall/Bottom	
SSHS-B978	10-12	0.5837	100	Sidewall	
SSHS-B979	10-12	7.377	79	Sidewall	
SSHS-B981	10-12	0.7215	79	Sidewall/Bottom	
SSHS-B987	10-12	4.261	92	Sidewall/Bottom	
SSHS-B989	10-12	4.941	100	Sidewall/Bottom	
SSHS-B991	10-12	6.336	88	Sidewall/Bottom	
SSHS-B992	10-12	2.623	100	Sidewall/Bottom	
SSHS-B993	10-12	0.544	71	Sidewall/Bottom	
SSJS-B1016	10-12	0.07705	100	Sidewall	
SSHS-B1010	12-14	5.653	100	Sidewall	
SSHS-B1011	12-14	3.571	96	Bottom	
SSHS-B1023	12-14	5.034	96	Bottom	
SSHS-B1198	12-14	0.1068	100	Sidewall	
SSHS-B1104	12-14	0.0951	100	Bottom	
SSHS-B1205	12-14	0.1047	100	Bottom	
SSHS-B838	12-14	0.582	75	Sidewall	
SSHS-B839	12-14	2.953	88	Bottom	
SSHS-B840	12-14	2.557	100	Bottom	
SSHS-B841	12-14	1.761	75	Bottom	
SSHS-B855	12-14	0.2202	66	Sidewall	
SSHS-B856	12-14	7.023	88	Bottom	
SSHS-B879	12-14	2.513	75	Sidewall	
SSHS-B886	12-14	5.812	88	Bottom	
SSHS-B888	12-14	3.184	100	Bottom	
SSHS-B889	12-14	4.451	66	Sidewall	
SSHS-B892	12-14	1.586	84	Bottom	
SSHS-B893	12-14	5.085	88	Bottom	
SSHS-B917	12-14	4.178	71	Bottom	
SSHS-B953	12-14	0.6239	79	Bottom	
SSHS-B973	12-14	0.7655	66	Sidewall	
SSHS-B977	12-14	6.633	50	Sidewall	
SSHS-B978	12-14	3.841	50	Sidewall	
SSHS-B980	12-14	1.431	75	Bottom	
SSHS-B981	12-14	0.354	92	Sidewall	
SSHS-B993	12-14	0.0736	100	Sidewall	
SSHS-MW46	12-14	0.0502	100	Bottom	Corrected from Handwritten Log
SSHS-B1092	14-16	0.0663	83	Sidewall	
SSHS-B1093	14-16	0.2067	100	Sidewall	
SSHS-B1094	14-16	0.0774	75	Sidewall	
SSHS-B1091	14-16	0.1099	100	Sidewall	

Notes
ft bgs feet below ground surface
PCB polychlorinated biphenyls
mg/kg milligrams per kilogram
% Percent

TABLE 5
Bottom Excavation Areas and Samples
Former Sperry Remington Site - North Portion
Elmira, New York

Figure Number	Label	Waste Category	Bottom Depth (ft)	Bottom of Excavation Area[1] (SF)	Proposed Bottom Samples			
					Required Number of Samples	Proposed Samples	Samples Needed	Bottom Sampling Rationale
6	NH-0-1	Non-Hazardous	2	12,932	15	15	0	1 sample per 900 square feet
6	NH-0-2	Non-Hazardous	2	1,204	2	2	0	2 proposed bottom confirmation sample
6	NH-0-3	Non-Hazardous	2	793	1	2	0	1 proposed bottom confirmation sample
6	NH-0-4	Non-Hazardous	2	303	1	5	0	5 sidewall samples from 0-2 ft bgs
6	HAZ-0-1	TSCA	2	371	1	5	0	5 sidewall samples from 0-2 ft bgs
7	NH-2-1	Non-Hazardous	4	2,291	3	3	0	1 sample per 900 square feet
7	NH-2-2	Non-Hazardous	4	2,017	3	3	0	1 sample per 900 square feet
7	NH-2-3	Non-Hazardous	4	893	1	1	0	1 sample per 900 square feet
7	NH-2-4	Non-Hazardous	4	583	1	1	0	1 sample per 900 square feet
7	NH-2-5	Non-Hazardous	4	874	1	1	0	1 proposed bottom confirmation sample
7	NH-2-6	Non-Hazardous	4	422	1	5	0	5 sidewall samples from 2-4 ft bgs
7	NH-2-7	Non-Hazardous	4	406	1	3	0	3 sidewall samples from 2-4 ft bgs
7	NH-2-8	Non-Hazardous	4	398	1	1	0	2 sidewall samples from 2-4 ft bgs
7	NH-2-9	Non-Hazardous	4	158	1	1	0	2 sidewall samples from 2-4 ft bgs
7	HAZ-2-1	TSCA	4	8,017	9	14	0	1 sample per 900 square feet
7	HAZ-2-2	TSCA	4	4,348	5	5	0	2 bottom samples plus 3 proposed bottom confirmation samples
7	HAZ-2-3	TSCA	4	1,487	2	2	0	1 sample per 900 square feet
7	HAZ-2-4	TSCA	4	1,388	2	2	0	1 sample per 900 square feet
7	HAZ-2-5	TSCA	4	1,357	2	3	0	1 sample per 900 square feet
7	HAZ-2-6	TSCA	4	1,251	2	3	0	1 sample per 900 square feet
7	HAZ-2-7	TSCA	4	920	2	1	0	1 proposed confirmation sample - 1 sample per 900 sq ft achieved due to offset from school building foundation
7	HAZ-2-8	TSCA	4	710	1	2	0	1 sample per 900 square feet
8	NH-4-1	Non-Hazardous	6	1,636	2	2	0	1 sample per 900 square feet
8	NH-4-2	Non-Hazardous	6	1,284	2	2	0	2 proposed confirmation bottom samples
8	NH-4-4	Non-Hazardous	6	648	1	1	0	1 sample per 900 square feet
8	NH-4-5	Non-Hazardous	6	497	1	1	0	1 sample per 900 square feet
8	NH-4-6	Non-Hazardous	6	394	1	2	0	2 sidewall samples from 6-8 ft bgs
8	NH-4-7	Non-Hazardous	6	244	1	2	0	2 sidewall samples from 6-8 ft bgs
8	NH-4-8	Non-Hazardous	6	130	1	2	0	2 sidewall samples from 6-8 ft bgs
8	NH-4-9	Non-Hazardous	6	119	1	1	0	1 sidewall samples from 6-8 ft bgs
8	NH-4-10	Non-Hazardous	6	109	1	2	0	2 sidewall samples from 6-8 ft bgs
8	NH-4-11	Non-Hazardous	6	49	1	1	0	1 sidewall sample from 6-8 ft bgs
8	NH-4-12	Non-Hazardous	6	38	1	1	0	1 sidewall sample from 6-8 ft bgs
8	NH-4-13	Non-Hazardous	6	27	1	1	0	1 sidewall sample from 6-8 ft bgs
8	NH-4-14	Non-Hazardous	6	24	1	2	0	2 sidewall samples from 6-8 ft bgs
8	HAZ-4-1	TSCA	6	8,984	10	11	0	1 sample per 900 square feet
8	HAZ-4-2	TSCA	6	7,186	8	9	0	7 bottom samples plus 2 proposed confirmation bottom samples
8	HAZ-4-3	TSCA	6	2,608	3	4	0	3 bottom samples plus 1 proposed confirmation bottom sample
8	HAZ-4-4	TSCA	6	1,498	2	3	0	1 sample per 900 square feet
8	HAZ-4-5	TSCA	6	685	1	2	0	1 proposed bottom confirmation sample
9	NH-6-1	Non-Hazardous	8	4,754	6	6	0	1 sample per 900 square feet
9	NH-6-2	Non-Hazardous	8	1,509	2	2	0	1 sample per 900 square feet
9	NH-6-3	Non-Hazardous	8	1,108	2	2	0	1 sample per 900 square feet
9	NH-6-4	Non-Hazardous	8	1,017	2	2	0	1 bottom sample plus 1 proposed confirmation bottom sample
9	NH-6-5	Non-Hazardous	8	575	1	1	0	1 proposed confirmation bottom sample
9	NH-6-6	Non-Hazardous	8	484	1	1	0	1 sample per 900 square feet
9	NH-6-7	Non-Hazardous	8	323	1	3	0	4 sidewall samples from 8-10 ft bgs
9	NH-6-8	Non-Hazardous	8	119	1	3	0	3 sidewall samples from 8-10 ft bgs
9	NH-6-9	Non-Hazardous	8	74	1	1	0	1 sidewall samples from 8-10 ft bgs
9	HAZ-6-1	TSCA	8	808	1	1	0	1 sample per 900 square feet

TABLE 5
Bottom Excavation Areas and Samples
Former Sperry Remington Site - North Portion
Elmira, New York

Figure Number	Label	Waste Category	Bottom Depth (ft)	Bottom of Excavation Area[1] (SF)	Proposed Bottom Samples			
					Required Number of Samples	Proposed Samples	Samples Needed	Bottom Sampling Rationale
10	NH-8-1	Non-Hazardous	10	10,113	12	12	0	9 bottom samples plus 3 proposed confirmation samples
10	NH-8-2	Non-Hazardous	10	3,355	4	4	0	3 bottom samples plus 1 proposed confirmation bottom sample
10	NH-8-3	Non-Hazardous	10	679	1	1	0	1 sample per 900 square feet
10	NH-8-4	Non-Hazardous	10	62	1	9	0	1 sidewall sample from 10-12 ft bgs
10	HAZ-8-1	TSCA	10	962	2	1	0	1 proposed confirmation bottom sample - 1 sample per 962 sq ft proposed due to repeated refusals and utilities in the vicinity
10	HAZ-8-2	TSCA	10	468	1	1	0	1 sample per 900 square feet
11	NH-10-1	Non-Hazardous	12	3,581	4	4	0	1 sample per 900 square feet
11	NH-10-2	Non-Hazardous	12	2,093	3	3	0	1 sample per 900 square feet
11	HAZ-10-1	TSCA	12	1,892	3	2	0	2 bottom samples - 1 sample per 946 sq ft
11	HAZ-10-2	TSCA	12	1,862	3	2	0	2 bottom samples - 1 sample per 931 sq ft
11	HAZ-10-3	TSCA	12	1,792	2	2	0	1 sample per 900 square feet
11	HAZ-10-4	TSCA	12	520	1	1	0	1 sample per 900 square feet
12	NH-12-1	Non-Hazardous	14	1,897	3	2	0	1 sample per 948 square feet proposed due to repeated refusals
13	NH-14-1	Non-Hazardous	16	514	1	1	0	1 confirmation sample proposed

Notes
1 Bottom of excavation of each two-foot interval in areas where the two-foot interval below will not be removed for remedial purposes.
ft feet
SF square feet
mg/kg milligrams per kilogram
ft bgs feet below ground surface

TABLE 6
Proposed Post-Excavation PCB and Non-PCB Confirmation Samples
Former Sperry Remington Site - North Portion
Elmira, New York

Location	Figure Number	Depth Range, PCB Confirmation (ft bgs)	Depth Range Non-PCB Characterization (ft bgs)	Sample Type	Delineated Waste Classification	Endpoint 1 Location	Endpoint 1 Total PCBs (mg/kg)	Endpoint 2 Location	Endpoint 2 Total PCBs (mg/kg)
SSHS-B1065	5	0-2	-	Sidewall	Non-Hazardous	SSHS-B901	1.294	SSHS-B902	0.3874
SSHS-B1066	5	0-2	-	Sidewall	Non-Hazardous	SSHS-B902	0.3874	SSHS-B903	0.4064
SSHS-B1188	5	0-2	-	Sidewall	Non-Hazardous	SSHS-B903	0.4064	N/A	N/A
SSHS-B1193	6	2-4	-	Bottom	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1394	6	2-4	-	Bottom	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1395	6	2-4	-	Bottom	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1396	7	4-6	-	Bottom	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1071	7	4-6	-	Bottom	TSCA	N/A	N/A	N/A	N/A
SSHS-B1212	7	4-6	-	Sidewall	TSCA	N/A	N/A	N/A	N/A
SSHS-B1218	7	4-6	-	Sidewall	TSCA	SSHS-B103	32.8	SSHS-B104	49.2
SSHS-B1238	7	4-6	-	Bottom	TSCA	N/A	N/A	N/A	N/A
SSHS-B1239	7	4-6	-	Bottom	TSCA	N/A	N/A	N/A	N/A
SSHS-B1245	7	4-6	-	Bottom	TSCA	N/A	N/A	N/A	N/A
SSHS-B1082	8	6-8	-	Bottom	TSCA	N/A	N/A	N/A	N/A
SSHS-B1397	8	6-8	-	Bottom	TSCA	N/A	N/A	N/A	N/A
SSHS-B1252	8	6-8	-	Bottom	TSCA	N/A	N/A	N/A	N/A
SSHS-B1239	8	6-8	-	Bottom	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1245	8	6-8	-	Bottom	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1256	8	6-8	-	Bottom	TSCA	N/A	N/A	N/A	N/A
SSHS-B1082	9	8-10	-	Sidewall	Non-Hazardous	SSHS-B393	2.61	SSHS-B888	3.033
SSHS-B1085	9	8-10	-	Sidewall	TSCA	SSHS-B989	6.134	SSHS-B371	8.25
SSHS-B1238	9	8-10	-	Bottom	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1246	9	8-10	-	Bottom	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1253	9	8-10	-	Sidewall	TSCA	SSHS-B920	3.521	SSHS-B856	2.456
SSHS-B1088	10	10-12	-	Sidewall	TSCA	SSHS-B992	2.623	SSHS-B991	6.336
SSHS-B1190	10	10-12	-	Bottom	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1199	10	10-12	-	Sidewall	TSCA	SSHS-B1006	0.1989	SSHS-B838	6.191
SSHS-B1204	10	10-12	-	Bottom	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1214	10	10-12	-	Sidewall	TSCA	SSHS-B838	6.191	SSHS-B978	0.5837
SSHS-B1230	10	10-12	-	Bottom	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1241	10	10-12	-	Bottom	TSCA	N/A	N/A	N/A	N/A
SSHS-B1250	10	10-12	-	Bottom	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1199	11	12-14	-	Sidewall	Non-Hazardous	SSHS-B855	0.2202	SSHS-B838	0.582
SSHS-B1214	11	12-14	-	Sidewall	Non-Hazardous	SSHS-B838	0.582	SSHS-B978	3.841
SSHS-B1095	13	16-18	-	Bottom	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1260	16	-	0-2	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1261	16	-	0-2	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1262	16	-	0-2	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1263	16	-	0-2	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1264	16	-	0-2	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1265	16	-	0-2	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1266	16	-	0-2	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1269	16	-	0-2	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1271	16	-	0-2	Sidewall	TSCA	N/A	N/A	N/A	N/A
SSHS-B1272	16	-	0-2	Sidewall	TSCA	N/A	N/A	N/A	N/A
SSHS-B1273	16	-	0-2	Sidewall	TSCA	N/A	N/A	N/A	N/A
SSHS-B1274	16	-	0-2	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1275	16	-	0-2	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1276	16	-	0-2	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1278	16	-	0-2	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1279	16	-	0-2	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1280	16	-	0-2	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1281	16	-	0-2	Sidewall	TSCA	N/A	N/A	N/A	N/A
SSHS-B1282	16	-	0-2	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1308	17	-	2-4	Sidewall	TSCA	N/A	N/A	N/A	N/A
SSHS-B1309	17	-	2-4	Sidewall	TSCA	N/A	N/A	N/A	N/A
SSHS-B1310	17	-	2-4	Sidewall	TSCA	N/A	N/A	N/A	N/A
SSHS-B1311	17	-	2-4	Sidewall	TSCA	N/A	N/A	N/A	N/A
SSHS-B1312	17	-	2-4	Sidewall	TSCA	N/A	N/A	N/A	N/A
SSHS-B1314	17	-	2-4	Sidewall	TSCA	N/A	N/A	N/A	N/A
SSHS-B1315	17	-	2-4	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1316	17	-	2-4	Sidewall	TSCA	N/A	N/A	N/A	N/A
SSHS-B1317	17	-	2-4	Sidewall	TSCA	N/A	N/A	N/A	N/A
SSHS-B1318	17	-	2-4	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1319	17	-	2-4	Sidewall	TSCA	N/A	N/A	N/A	N/A
SSHS-B1320	17	-	2-4	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1321	17	-	2-4	Sidewall	TSCA	N/A	N/A	N/A	N/A
SSHS-B1322	17	-	2-4	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1323	17	-	2-4	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1325	17	-	2-4	Sidewall	TSCA	N/A	N/A	N/A	N/A
SSHS-B1326	17	-	2-4	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1327	17	-	2-4	Sidewall	TSCA	N/A	N/A	N/A	N/A
SSHS-B1328	17	-	2-4	Sidewall	TSCA	N/A	N/A	N/A	N/A
SSHS-B1329	18	-	4-6	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1330	18	-	4-6	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1331	18	-	4-6	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1332	18	-	4-6	Sidewall	TSCA	N/A	N/A	N/A	N/A
SSHS-B1333	18	-	4-6	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1334	18	-	4-6	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1335	18	-	4-6	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1336	18	-	4-6	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1337	18	-	4-6	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1338	18	-	4-6	Sidewall	TSCA	N/A	N/A	N/A	N/A
SSHS-B1339	18	-	4-6	Sidewall	TSCA	N/A	N/A	N/A	N/A
SSHS-B1342	18	-	4-6	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1344	18	-	4-6	Sidewall	TSCA	N/A	N/A	N/A	N/A
SSHS-B1345	18	-	4-6	Sidewall	TSCA	N/A	N/A	N/A	N/A
SSHS-B1346	18	-	4-6	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1348	18	-	4-6	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1350	19	-	6-8	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1351	19	-	6-8	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1352	19	-	6-8	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A

TABLE 6
Proposed Post-Excavation PCB and Non-PCB Confirmation Samples
Former Sperry Remington Site - North Portion
Elmira, New York

Location	Figure Number	Depth Range, PCB Confirmation (ft bgs)	Depth Range Non-PCB Characterization (ft bgs)	Sample Type	Delineated Waste Classification	Endpoint 1 Location	Endpoint 1 Total PCBs (mg/kg)	Endpoint 2 Location	Endpoint 2 Total PCBs (mg/kg)
SSHS-B1353	19	-	6-8	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1354	19	-	6-8	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1355	19	-	6-8	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1356	19	-	6-8	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1357	19	-	6-8	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1359	19	-	6-8	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1360	19	-	6-8	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1361	19	-	6-8	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1362	19	-	6-8	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1363	19	-	6-8	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1364	19	-	6-8	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1365	19	-	6-8	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1366	19	-	6-8	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1367	19	-	6-8	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1368	19	-	6-8	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1371	20	-	8-10	Sidewall	TSCA	N/A	N/A	N/A	N/A
SSHS-B1373	20	-	8-10	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1374	20	-	8-10	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1375	20	-	8-10	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1376	20	-	8-10	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1377	20	-	8-10	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1378	20	-	8-10	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1379	20	-	8-10	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1380	20	-	8-10	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1381	20	-	8-10	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1383	20	-	8-10	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1384	20	-	8-10	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1385	20	-	8-10	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1386	20	-	8-10	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1388	20	-	8-10	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1389	20	-	8-10	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1390	20	-	8-10	Sidewall	TSCA	N/A	N/A	N/A	N/A
SSHS-B1391	20	-	8-10	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1392	20	-	8-10	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1393	20	-	8-10	Sidewall	TSCA	N/A	N/A	N/A	N/A
SSHS-B1283	21	-	10-12	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1284	21	-	10-12	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1285	21	-	10-12	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1286	21	-	10-12	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1287	21	-	10-12	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1289	21	-	10-12	Sidewall	TSCA	N/A	N/A	N/A	N/A
SSHS-B1290	21	-	10-12	Sidewall	TSCA	N/A	N/A	N/A	N/A
SSHS-B1291	21	-	10-12	Sidewall	TSCA	N/A	N/A	N/A	N/A
SSHS-B1292	21	-	10-12	Sidewall	TSCA	N/A	N/A	N/A	N/A
SSHS-B1293	21	-	10-12	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1294	21	-	10-12	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1295	21	-	10-12	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1297	21	-	10-12	Sidewall	TSCA	N/A	N/A	N/A	N/A
SSHS-B1299	21	-	10-12	Sidewall	TSCA	N/A	N/A	N/A	N/A
SSHS-B1301	21	-	10-12	Sidewall	TSCA	N/A	N/A	N/A	N/A
SSHS-B1303	22	-	12-14	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1305	22	-	12-14	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A
SSHS-B1307	23	-	14-16	Sidewall	Non-Hazardous	N/A	N/A	N/A	N/A

Notes
ft bgs feet below ground surface
- No analysis
N/A Not applicable
ft feet
PCBs Polychlorinated biphenyls
mg/kg milligrams per kilogram
Endpoint 1 and Endpoint 2 refer to the existing PDI horizontal predelineation samples nearest the proposed confirmation sample

TABLE 7A
Summary of Waste Characterization Results -TCLP
Former Sperry Reminton Site - North Portion
Elmira, New York

			TCLP Metals								TCLP VOCs									TCLP Herbicides	
			Lead	Arsenic	Barium	Cadmium	Chromium (III+VI)	Mercury	Selenium	Silver	Benzene	1,1-dichloroethene	1,2-dichloroethane	Carbon tetrachloride	Chloroform	Trichloroethene	Tetrachloroethene	Vinyl chloride	Chlorobenzene	2,4,5-TP (Silvex)	Hedonal
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L
EQL			0.029	0.041	2	0.0016	0.0078	6.5E-05	0.036	0.0085	79	110	58	130	85	60	80	150	63	0.0011	0.0045
RCRA Toxicity Characteristics			5	5	100	1	5	0.2	1	5	500	700	500	500	6000	500	700	200	100000	1	10
Location	**Depth Range (ft bgs)**	**Sample Date**																			
SSHS-B1009	12-14	4/24/2018	0.13J	<0.041U	1.4J,B	<0.002U	<0.008U	<0U	<0.036U	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B1011	0-2	4/25/2018	<0.029U	<0.041U	1J	<0.002U	<0.008U	<0U	<0.036U	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B1011	10-12	4/25/2018	0.27J,F1,F2	<0.041U	0.47J,F1,F2	0.013J	<0.008U	0J	0.041J,B	<0.009U,F	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B1014	4-6	4/25/2018	0.036J	<0.041U	2.1	<0.002U	<0.008U	<0U	<0.036U	<0.009U	<79U	<110U,F2	<58U	<130U,F2	<85U	<60U	<80U,F1,F2	<150U	<63U,F1,F2	<0.001U	<0.005U
SSHS-B830	6-8	1/23/2018	0.39J	<0.041U	6.2	<0.002U	<0.008U	<0U	0.036J	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B836	2-4	1/12/2018	<0.029U	<0.041U	1.1J	0.002J	<0.008U	<0U	<0.036U	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B839	2-4	1/18/2018	0.35J	<0.041U	2.6	0.003J,B	<0.008U	<0U	0.04J	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B841	6-8	1/20/2018	<0.029U	<0.041U	0.072J	<0.002U	<0.008U	<0U	<0.036U	<0.009U	<79U	<110U	<58U	<130U	<85X,D	<60U	<80U	<150U	<63X,D	<0.001U	<0.005X,D
SSHS-B844	2-4	1/19/2018	<0.029U	<0.041U	0.98J	<0.002U	<0.008U	<0U	<0.036U	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B845	4-6	1/24/2018	1.6	<0.041U	2.5	0.026J	<0.008U	<0U	<0.036U	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B846	6-8	1/11/2018	<0.029U	<0.041U	0.66J	<0.002U	<0.008U	<0U	<0.036U	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B847	4-6	1/20/2018	<0.029U	<0.041U	<0.8U	<0.002U	<0.008U	<0U	<0.036U	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B849	0-2	1/22/2018	<0.029U	<0.041U	0.55J	<0.002U	<0.008U	<0U	<0.036U	<0.009U	<79U,F1	<110U,F2	<58U,F2	<130U	<85U	<60U,F1,F2	<80U	<150U	<63U,F2	<0.001U	<0.005U
SSHS-B849	2-4	1/22/2018	<0.029U	<0.041U	0.86J	<0.002U	<0.008U	<0U	<0.036U	<0.009U	-	-	-	-	-	-	-	-	-	-	-
SSHS-B849	4-6	1/22/2018	<0.029U	<0.041U	0.57J	0.002J	<0.008U	<0U	<0.036U	<0.009U	-	-	-	-	-	-	-	-	-	-	-
SSHS-B851	4-6	1/18/2018	1.4	<0.041U	2.2	0.01J,B	<0.008U	<0U	0.039J	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B852	2-4	1/19/2018	<0.029U	<0.041U	1J	<0.002U	<0.008U	<0U	<0.036U	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B856	2-4	1/17/2018	0.37J	<0.041U	1.7J	0.004J,B	<0.008U	<0U	0.048J	<0.009U	-	-	-	-	-	-	-	-	-	-	-
SSHS-B865	0-2	1/17/2018	<0.029U	<0.041U	1.2J	0.002J,B	<0.008U	<0U	<0.036U	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B866	0-2	1/12/2018	<0.029U	<0.041U	0.74J	<0.002U	<0.008U	<0U	<0.036U	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B873	0-2	1/11/2018	<0.029U	<0.041U	1.4J	0.003J	<0.008U	<0U	<0.036U	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B874	0-2	1/20/2018	<0.029U	<0.041U	0.81J	<0.002U	<0.008U	<0U	0.037J	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B875	2-4	1/20/2018	<0.029U	<0.041U	0.8J	<0.002U	<0.008U	<0U	<0.036U	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B876	0-2	1/22/2018	<0.029U	<0.041U	1.3J	0.002J	<0.008U	<0U	0.037J	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B876	2-4	1/22/2018	-	-	-	-	-	-	-	-	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	-	-
SSHS-B876	2-4	1/24/2018	0.32J	<0.041U	0.094J	0.021J	<0.008U	<0U	<0.036U	<0.009U	-	-	-	-	-	-	-	-	-	<0.001U	<0.005U
SSHS-B877	0-2	1/18/2018	<0.029U	0.05J	0.44J	0.003J,B	<0.008U	<0U	0.068J	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B877	8-10	1/18/2018	0.045J	<0.041U	0.44J	0.006J,B	<0.008U	<0U	0.041J	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B879	8-10	1/19/2018	0.063J	<0.041U	0.62J	0.004J	<0.008U	<0U	<0.036U	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B881	4-6	1/22/2018	<0.029U	<0.041U	0.33J	<0.002U	<0.008U	<0U	0.049J	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B882	8-10	1/12/2018	<0.029U	<0.041U	0.78J	<0.002U	<0.008U	<0U	<0.036U	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U

TABLE 7A
Summary of Waste Characterization Results -TCLP
Former Sperry Reminton Site - North Portion
Elmira, New York

			TCLP Metals								TCLP VOCs									TCLP Herbicides	
			Lead	Arsenic	Barium	Cadmium	Chromium (III+VI)	Mercury	Selenium	Silver	Benzene	1,1-dichloroethene	1,2-dichloroethane	Carbon tetrachloride	Chloroform	Trichloroethene	Tetrachloroethene	Vinyl chloride	Chlorobenzene	2,4,5-TP (Silvex)	Hedonal
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L
EQL			0.029	0.041	2	0.0016	0.0078	6.5E-05	0.036	0.0085	79	110	58	130	85	60	80	150	63	0.0011	0.0045
RCRA Toxicity Characteristics			5	5	100	1	5	0.2	1	5	500	700	500	500	6000	500	700	200	100000	1	10
Location	**Depth Range (ft bgs)**	**Sample Date**																			
SSHS-B883	2-4	1/20/2018	<0.029U	<0.041U	1.1J	<0.002U	<0.008U	<0U	0.055J	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B884	2-4	1/11/2018	<0.029U	<0.041U	0.89J	0.002J	<0.008U	<0U	<0.036U	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B885	0-2	1/17/2018	<0.029U	<0.041U	0.66J	0.002J,B	<0.008U	<0U	0.037J	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B885	6-8	1/17/2018	<0.029U	<0.041U	0.5J	0.002J,B	<0.008U	<0U	0.062J	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B885	8-10	1/17/2018	<0.029U	<0.041U	0.024J	0.002J,B	<0.008U	<0U	<0.036U	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B886	6-8	1/24/2018	<0.029U	<0.041U	0.073J	<0.002U	<0.008U	<0U	0.084J	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B886	8-10	1/19/2018	<0.029U	<0.041U	0.026J	<0.002U	<0.008U	<0U	<0.036U	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B887	0-2	1/12/2018	0.18J	<0.041U	3.2	0.002J	<0.008U	<0U	<0.036U	<0.009U	-	-	-	-	-	-	-	-	-	-	-
SSHS-B887	4-6	1/12/2018	<0.029U	<0.041U	1.1J	<0.002U	<0.008U	<0U	<0.036U	<0.009U	-	-	-	-	-	-	-	-	-	-	-
SSHS-B887	8-10	1/24/2018	0.61	<0.041U	0.49J	<0.002U	<0.008U	<0U	0.052J	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B888	2-4	1/22/2018	7.6	<0.041U	1.7J	0.004J	<0.008U	<0U	<0.036U	<0.009U	-	-	-	-	-	-	-	-	-	-	-
SSHS-B888	4-6	1/22/2018	<0.029U	<0.041U	0.17J	<0.002U	<0.008U	<0U	<0.036U	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B890	2-4	1/22/2018	0.069J	<0.041U	0.84J	0.004J	<0.008U	<0U	<0.036U	<0.009U	-	-	-	-	-	-	-	-	-	-	-
SSHS-B890	4-6	1/22/2018	<0.029U	<0.041U	0.84J	0.002J	<0.008U	<0U	<0.036U	<0.009U	-	-	-	-	-	-	-	-	-	-	-
SSHS-B890	8-10	1/23/2018	<0.029U	<0.041U	0.62J	<0.002U	<0.008U	<0U	<0.036U	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B892	10-12	1/17/2018	<0.029U	<0.041U	0.088J	0.002J,B	<0.008U	<0U	0.047J	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B905	0-2	1/17/2018	<0.029U	<0.041U	0.48J	0.002J,B	<0.008U	<0U	<0.036U	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B905	4-6	1/17/2018	<0.029U	<0.041U	1.1J	0.002J,B	<0.008U	<0U	<0.036U	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B906	6-8	1/24/2018	<0.029U	<0.041U	0.55J	<0.002U	<0.008U	<0U	<0.036U	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B913	2-4	1/23/2018	<0.029U	<0.041U	1.8J	0.003J	<0.008U	<0U	<0.036U	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B913	4-6	1/22/2018	<0.029U	<0.041U	1.1J	<0.002U	<0.008U	<0U	<0.036U	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B916	0-2	1/16/2018	<0.029U	<0.041U	0.61J	<0.002U	<0.008U	<0U	<0.036U	<0.009U	-	-	-	-	-	-	-	-	-	-	-
SSHS-B917	0-2	1/18/2018	<0.029U	<0.041U	0.42J	0.003J,B	<0.008U	<0U	0.046J	<0.009U	-	-	-	-	-	-	-	-	-	-	-
SSHS-B918	8-10	1/18/2018	<0.029U	<0.041U	0.13J	0.002J,B	<0.008U	<0U	<0.036U	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B920	2-4	1/16/2018	<0.029U	<0.041U	1.6J	<0.002U	<0.008U	<0U	<0.036U	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B923	4-6	1/11/2018	<0.029U	<0.041U	1.3J	0.002J	<0.008U	<0U	<0.036U	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B928	0-2	1/11/2018	<0.029U	<0.041U	0.6J	<0.002U	<0.008U	<0U	<0.036U	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B930	0-2	1/16/2018	<0.029U	<0.041U	0.77J	<0.002U	<0.008U	<0U	<0.036U	<0.009U	<79U,F2	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B955	4-6	2/28/2018	<0.029U	<0.041U	0.78J	0.002J	<0.008U	<0U	<0.036U	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U
SSHS-B965	6-8	3/1/2018	<0.029U	<0.041U	0.31J	<0.002U	<0.008U	<0U	<0.036U	<0.009U	<79U	<110U	<58U	<130U	<85U	<60U	<80U	<150U	<63U	<0.001U	<0.005U

TABLE 7A
Summary of Waste Characterization Results -TCLP
Former Sperry Reminton Site - North Portion
Elmira, New York

			TCLP Pesticides								TCLP SVOCs												
			chlordane	**gamma-Chlordane**	**Endrin**	**g-BHC (Lindane)**	**Heptachlor**	**Heptachlor epoxide**	**Methoxychlor**	**Toxaphene**	**Methyl Ethyl Ketone**	**1,4-dichlorobenzene**	**2,4,5-trichlorophenol**	**2,4,6-trichlorophenol**	**2,4-Dinitrotoluene**	**2-methylphenol**	**4-methylphenol**	**Hexachlorobenzene**	**Hexachlorobutadiene**	**Hexachloroethane**	**Nitrobenzene**	**Pentachlorophenol**	**Pyridine**
			µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL			0.6	0.0006	0.091	0.048	0.18	0.056	0.14	0.0045	120	4.5	7.9	9.5	7.9	4	0.0079	5.5	8.4	4	12	7.5	8.2
RCRA Toxicity Characteristics			30		20	400	8		10000	0.5	200000	7500	400000	2000	30130	4200000	4200	30130	500	3000	2000	100000	35000
Location	**Depth Range (ft bgs)**	**Sample Date**																					
SSHS-B1009	12-14	4/24/2018	-	<0.001U	<0.091U	<0.048U	<0.18U	<0.056U	<0.14U	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B1011	0-2	4/25/2018	-	<0.001U	<0.091U	<0.048U	<0.18U	<0.056U	<0.14U	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B1011	10-12	4/25/2018	-	<0.001U	<0.091U	<0.048U	<0.18U	<0.056U	<0.14U	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B1014	4-6	4/25/2018	-	<0.001U	<0.091U	<0.048U	<0.18U	<0.056U	<0.14U	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B830	6-8	1/23/2018	<0.6U	-	<0.091U,*	<0.048U,*	<0.18U	<0.056U	<0.14U,*	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B836	2-4	1/12/2018	<0.6U	-	<0.091U	<0.048U	<0.18U	<0.056U	<0.14U	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B839	2-4	1/18/2018	<0.6U	-	<0.091U	<0.048U	<0.18U	<0.056U	<0.14U	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B841	6-8	1/20/2018	<0.6U	-	<0.091U	<0.048U	<0.18U	<0.056U	<0.14U	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9X,D	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B844	2-4	1/19/2018	<0.6U	-	<0.091U	<0.048U	<0.18U	<0.056U	<0.14U	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B845	4-6	1/24/2018	<0.6U	-	<0.091U,*	<0.048U,*	<0.18U	<0.056U	<0.14U,*	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B846	6-8	1/11/2018	<0.6U	-	<0.091U	<0.048U	<0.18U	<0.056U	<0.14U	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B847	4-6	1/20/2018	<0.6U	-	<0.091U	<0.048U	<0.18U	<0.056U	<0.14U	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B849	0-2	1/22/2018	<0.6U	-	<0.091U,*	<0.048U,*	<0.18U	<0.056U	<0.14U,*	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B849	2-4	1/22/2018	<0.6U	-	<0.091U	<0.048U	<0.18U	<0.056U	<0.14U	<0.005U	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B849	4-6	1/22/2018	<0.6U	-	<0.091U	<0.048U	<0.18U	<0.056U	<0.14U	<0.005U	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B851	4-6	1/18/2018	<0.6U	-	<0.091U	<0.048U	<0.18U	<0.056U	<0.14U	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B852	2-4	1/19/2018	<0.6U	-	<0.091U	<0.048U	<0.18U	<0.056U	<0.14U	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B856	2-4	1/17/2018	<0.6U	-	<0.091U	<0.048U	<0.18U	<0.056U	<0.14U	<0.005U	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B865	0-2	1/17/2018	<0.6U	-	<0.091U	<0.048U	<0.18U	<0.056U	<0.14U	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B866	0-2	1/12/2018	<0.6U	-	<0.091U	<0.048U	<0.18U	<0.056U	<0.14U	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B873	0-2	1/11/2018	<0.6U	-	<0.091U	<0.048U	<0.18U	<0.056U	<0.14U	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B874	0-2	1/20/2018	<0.6U	-	<0.091U	<0.048U	<0.18U	<0.056U	<0.14U	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B875	2-4	1/20/2018	<0.6U	-	<0.091U	<0.048U	<0.18U	<0.056U	<0.14U	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B876	0-2	1/22/2018	<0.6U	-	<0.091U,*	<0.048U,*	<0.18U	<0.056U	<0.14U,*	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B876	2-4	1/22/2018	-	-	-	-	-	-	-	-	<120U	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B876	2-4	1/24/2018	<0.6U	-	<0.091U,*	<0.048U,*	<0.18U	<0.056U	<0.14U,*	<0.005U	-	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B877	0-2	1/18/2018	<0.6U	-	<0.091U	<0.048U	<0.18U	<0.056U	<0.14U	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B877	8-10	1/18/2018	<0.6U	-	<0.091U	<0.048U	<0.18U	<0.056U	<0.14U	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B879	8-10	1/19/2018	<0.6U	-	<0.091U	<0.048U	<0.18U	<0.056U	<0.14U	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B881	4-6	1/22/2018	<0.6U	-	<0.091U,*	<0.048U,*	<0.18U	<0.056U	<0.14U,*	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B882	8-10	1/12/2018	<0.6U	-	<0.091U	<0.048U	<0.18U	<0.056U	<0.14U	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U

TABLE 7A
Summary of Waste Characterization Results -TCLP
Former Sperry Reminton Site - North Portion
Elmira, New York

			TCLP Pesticides								TCLP SVOCs												
			chlordane	**gamma-Chlordane**	**Endrin**	**g-BHC (Lindane)**	**Heptachlor**	**Heptachlor epoxide**	**Methoxychlor**	**Toxaphene**	**Methyl Ethyl Ketone**	**1,4-dichlorobenzene**	**2,4,5-trichlorophenol**	**2,4,6-trichlorophenol**	**2,4-Dinitrotoluene**	**2-methylphenol**	**4-methylphenol**	**Hexachlorobenzene**	**Hexachlorobutadiene**	**Hexachloroethane**	**Nitrobenzene**	**Pentachlorophenol**	**Pyridine**
			µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL			0.6	0.0006	0.091	0.048	0.18	0.056	0.14	0.0045	120	4.5	7.9	9.5	7.9	4	0.0079	5.5	8.4	4	12	7.5	8.2
RCRA Toxicity Characteristics			30		20	400	8		10000	0.5	200000	7500	400000	2000	30130	4200000	4200	30130	500	3000	2000	100000	35000
Location	**Depth Range (ft bgs)**	**Sample Date**																					
SSHS-B883	2-4	1/20/2018	<0.6U	-	<0.091U	0.072J,p	<0.18U	<0.056U	<0.14U	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B884	2-4	1/11/2018	<0.6U	-	<0.091U	<0.048U	<0.18U	<0.056U	<0.14U	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B885	0-2	1/17/2018	<0.6U	-	<0.091U	<0.048U	<0.18U	<0.056U	<0.14U	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B885	6-8	1/17/2018	<0.6U	-	<0.091U	<0.048U	<0.18U	<0.056U	<0.14U	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B885	8-10	1/17/2018	<0.6U	-	<0.091U	<0.048U	<0.18U	<0.056U	<0.14U	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B886	6-8	1/24/2018	<0.6U	-	<0.091U,*	<0.048U,*	<0.18U	<0.056U	<0.14U,*	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B886	8-10	1/19/2018	<0.6U	-	<0.091U	<0.048U	<0.18U	<0.056U	<0.14U	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B887	0-2	1/12/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B887	4-6	1/12/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B887	8-10	1/24/2018	<0.6U	-	<0.091U,*	<0.048U,*	<0.18U	<0.056U	<0.14U,*	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B888	2-4	1/22/2018	<0.6U	-	<0.091U	<0.048U	<0.18U	<0.056U	<0.14U	<0.005U	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B888	4-6	1/22/2018	<0.6U	-	<0.091U,*	<0.048U,*	<0.18U	<0.056U	<0.14U,*	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B890	2-4	1/22/2018	<0.6U	-	<0.091U	<0.048U	<0.18U	<0.056U	<0.14U	<0.005U	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B890	4-6	1/22/2018	<0.6U	-	<0.091U	<0.048U	<0.18U	<0.056U	<0.14U	<0.005U	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B890	8-10	1/23/2018	<0.6U	-	<0.091U,*	<0.048U,*	<0.18U	<0.056U	<0.14U,*	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B892	10-12	1/17/2018	<0.6U	-	<0.091U	<0.048U	<0.18U	<0.056U	<0.14U	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B905	0-2	1/17/2018	<0.6U	-	<0.091U	<0.048U	<0.18U	<0.056U	<0.14U	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B905	4-6	1/17/2018	<0.6U	-	<0.091U	<0.048U	<0.18U	<0.056U	<0.14U	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B906	6-8	1/24/2018	<0.6U	-	<0.091U,*	<0.048U,*	<0.18U	<0.056U	<0.14U,*	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B913	2-4	1/23/2018	<0.6U	-	<0.091U,*	<0.048U,*	<0.18U	<0.056U	<0.14U,*	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B913	4-6	1/22/2018	<0.6U	-	<0.091U,*	<0.048U,*	<0.18U	<0.056U	<0.14U,*	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B916	0-2	1/16/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B917	0-2	1/18/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B918	8-10	1/18/2018	<0.6U	-	<0.091U	<0.048U	<0.18U	<0.056U	<0.14U	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B920	2-4	1/16/2018	<0.6U	-	<0.091U	<0.048U	<0.18U	<0.056U	<0.14U	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B923	4-6	1/11/2018	<0.6U	-	<0.091U	<0.048U	<0.18U	<0.056U	<0.14U	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B928	0-2	1/11/2018	<0.6U	-	<0.091U	<0.048U	<0.18U	<0.056U	<0.14U	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B930	0-2	1/16/2018	<0.6U	-	<0.091U	<0.048U	<0.18U	<0.056U	<0.14U	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B955	4-6	2/28/2018	-	<0.001U	<0.091U	<0.048U	<0.18U	<0.056U	<0.14U	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U
SSHS-B965	6-8	3/1/2018	-	<0.001U	<0.091U	<0.048U	<0.18U	<0.056U	<0.14U	<0.005U	<120U	<4.5U	<7.9U	<9.5U	<7.9U	<4U	<0.008U	<5.5U	<8.4U	<4U	<12U	<7.5U	<8.2U

Notes
J- Estimated Value
U-non-detect
D-identified in an analysis at the dilution factor
- not analyzed
µg/L - micrograms per liter
mg/L - milligrams per liter
ft bgs - feet below ground surface
Detections are in BOLD
Detections above the RCRA toxicity characteristic threhold for hazardous waste are shown in dark grey.

TCLP - Toxicity Characterisitic Leaching Procedure
SVOC - Semi-volatile Organic Compound
VOC - Volaltile Organic Compound

TABLE 7B
Summary of Waste Characterization Results - Total Constituents
Former Sperry Remington Site - North Portion
Elmira, New York

			Chlorinated Hydrocarbons																								
			1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-Dichloroethene	1,2-dichloropropane	Bromochloromethane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dichloromethane	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			0.0025	0.003	0.0024	0.0018	0.0029	0.0031	0.0015	0.004	0.0025	0.0019	0.0024	0.0026	0.0033	0.0024	0.0026	0.0021	0.0039	0.0016	0.0016	0.0024	0.0016	0.002	0.0026	0.0017	0.0037
Location	**Depth Range (ft bgs)**	**Sample Date**																									
SSHS-B1009	12-14	4/24/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B1011	0-2	4/25/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B1011	10-12	4/25/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B1014	4-6	4/25/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B1027	0-2	4/26/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B1028	0-2	5/24/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B1029	0-2	5/23/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B1030	0-2	5/24/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B1031	0-2	5/24/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B1032	0-2	5/24/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B1033	0-2	5/23/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B1034	0-2	5/23/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B1060	0-2	5/24/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B1251	10-12	7/1/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B1252	10-12	7/1/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B1254	10-12	7/1/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B1254	12-14	7/1/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B830	6-8	1/23/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B836	2-4	1/12/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B839	2-4	1/18/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B841	6-8	1/20/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B844	2-4	1/19/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B845	4-6	1/24/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B846	6-8	1/11/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B847	4-6	1/20/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B849	0-2	1/22/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B849	2-4	1/22/2018	<0.13U	<0.15U	<0.12U	<0.09U	<0.14U	<0.15U	<0.072U	<0.2U	<0.12U	<0.096U	<0.12U	<0.13U	<0.17U	<0.12U	<0.13U	<0.11U	<0.19U	<0.078U	<0.08U	<0.12U	0.54	<0.1U	<0.13U	<0.086U	<0.18U
SSHS-B849	4-6	1/22/2018	<0.0031U	<0.0037U	<0.003U	<0.0022U	<0.0035U	<0.0038U	<0.0018U	<0.0049U	<0.003U	<0.0024U	<0.0029U	<0.0032U	<0.0041U	<0.003U	<0.0032U	<0.0026U	<0.0048U	<0.0019U	<0.002U	<0.0029U	<0.0019U	<0.0025U	<0.0031U	<0.0021U	<0.0045U
SSHS-B851	4-6	1/18/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B852	2-4	1/19/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B856	2-4	1/17/2018	<0.0027U	<0.0032U	<0.0026U	<0.0019U	<0.003U	<0.0033U	<0.0015U	<0.0042U	<0.0026U	<0.002U	<0.0025U	<0.0028U,*	<0.0035U	<0.0026U	<0.0027U	<0.0022U	<0.0041U	<0.0017U	<0.0017U	<0.0025U	0.028	<0.0021U	<0.0027U	<0.0018U	<0.0039U
SSHS-B865	0-2	1/17/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 7B
Summary of Waste Characterization Results - Total Constituents
Former Sperry Remington Site - North Portion
Elmira, New York

			Chlorinated Hydrocarbons																								
			1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-Dichloroethene	1,2-dichloropropane	Bromochloromethane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dichloromethane	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			0.0025	0.003	0.0024	0.0018	0.0029	0.0031	0.0015	0.004	0.0025	0.0019	0.0024	0.0026	0.0033	0.0024	0.0026	0.0021	0.0039	0.0016	0.0016	0.0024	0.0016	0.002	0.0026	0.0017	0.0037
Location	**Depth Range (ft bgs)**	**Sample Date**																									
SSHS-B866	0-2	1/12/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B873	0-2	1/11/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B874	0-2	1/20/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B875	2-4	1/20/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B876	0-2	1/22/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B876	2-4	1/24/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B877	0-2	1/18/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B877	8-10	1/18/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B879	8-10	1/19/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B881	4-6	1/22/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B882	8-10	1/12/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B883	2-4	1/20/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B884	2-4	1/11/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B885	0-2	1/17/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B885	6-8	1/17/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B885	8-10	1/17/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B886	6-8	1/24/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B886	8-10	1/19/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B887	0-2	1/12/2018	<0.0025U	<0.003U	<0.0024U	<0.0018U	<0.0029U	<0.0031U	<0.0015U	<0.004U	<0.0025U	<0.0019U	<0.0024U	<0.0026U	<0.0033U	<0.0024U	<0.0026U	<0.0021U	<0.0039U	<0.0016U	<0.0016U	<0.0024U	<0.081 - 0.0024J,H	<0.002U	<0.0026U	<0.0017U	<0.0037U
SSHS-B887	4-6	1/12/2018	<0.0028U	<0.0034U	<0.0027U	<0.002U	<0.0032U	<0.0035U	<0.0016U	<0.0045U	<0.0028U	<0.0022U	<0.0027U	<0.003U	<0.0038U	<0.0027U	<0.0029U	<0.0024U	<0.0044U	<0.0018U	<0.0018U	<0.0027U	<0.0017U	<0.0023U	<0.0029U	<0.002U	<0.0041U
SSHS-B887	8-10	1/24/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B888	2-4	1/22/2018	<0.0029U	<0.0035U	<0.0028U	<0.0021U	<0.0033U	<0.0036U,*	<0.0017U	<0.0046U	<0.0029U	<0.0022U	<0.0027U	<0.003U	<0.0039U	<0.0028U	<0.003U	<0.0025U	<0.0045U	<0.0018U	<0.0019U	<0.0027U	<0.0017U	<0.0023U	<0.003U	<0.002U	<0.0043U
SSHS-B888	4-6	1/22/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B890	2-4	1/22/2018	<0.0031U	<0.0036U	<0.0029U	<0.0022U	<0.0035U	<0.0037U	<0.0018U	<0.0048U	<0.003U	<0.0023U	<0.0029U	<0.0032U	<0.004U	<0.0029U	<0.0031U	<0.0026U	<0.0047U	<0.0019U	<0.0019U	<0.0029U	<0.0018U	<0.0024U	<0.0031U	<0.0021U	<0.0045U
SSHS-B890	4-6	1/22/2018	<0.0029U	<0.0034U	<0.0027U	<0.0021U	<0.0033U	<0.0035U	<0.0017U	<0.0045U	<0.0028U	<0.0022U	<0.0027U	<0.003U	<0.0038U	<0.0027U	<0.003U	<0.0024U	<0.0044U	<0.0018U	<0.0018U	<0.0027U	<0.0017U	<0.0023U	<0.0029U	<0.002U	<0.0042U
SSHS-B890	8-10	1/23/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B892	10-12	1/17/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B905	0-2	1/17/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B905	4-6	1/17/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B906	6-8	1/24/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B913	2-4	1/23/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B913	4-6	1/22/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B916	0-2	1/16/2018	<0.0028U	<0.0033U	<0.0027U	<0.002U	<0.0031U	<0.0034U	<0.0016U	<0.0044U	<0.0027U	<0.0021U	<0.0026U	<0.0029U,*	<0.0037U	<0.0027U	<0.0029U	<0.0023U	<0.0043U	0.0022J	<0.0018U	<0.0026U	0.016	<0.0022U	<0.0028U	<0.0019U	<0.0041U
SSHS-B917	0-2	1/18/2018	<0.0026U	<0.0031U	<0.0025U	<0.0019U	<0.003U	<0.0032U	<0.0015U	<0.0042U	<0.0026U	<0.002U	<0.0025U	<0.0027U,*	<0.0035U	<0.0025U	<0.0027U	<0.0022U	<0.004U	<0.0016U	<0.0017U	<0.0025U	<0.0016U	<0.0021U	<0.0026U	<0.0018U	<0.0038U
SSHS-B918	8-10	1/18/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B920	2-4	1/16/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B923	4-6	1/11/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B928	0-2	1/11/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B930	0-2	1/16/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B955	4-6	2/28/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B965	6-8	3/1/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 7B
Summary of Waste Characterization Results - Total Constituents
Former Sperry Remington Site - North Portion
Elmira, New York

			BTEX						Halogenated Benzenes					Halogenated Hydrocarbons				Herbicides		Inorganics					MAH	
			Benzene	Ethylbenzene	Toluene	Xylene (m & p)	Xylene (o)	Xylene Total	1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	Chlorobenzene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Trichlorofluoromethane	2,4,5-TP (Silvex)	Hedonal	Ignitability	Cyanide Total	pH (Lab)	Sodium	Sulphide	Isopropylbenzene	Styrene
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	°F	mg/kg	pH Units	mg/kg	mg/kg	mg/kg	mg/kg
EQL			0.002	0.0022	0.0017	0.0019	0.0025	0.0043	0.0021	0.0016	0.004	0.0016	0.0016	0.0027	0.0045	0.0029	0.0015	0.0071	0.028		0.25	0.1	570	0.014	0.0023	0.0013
Location	**Depth Range (ft bgs)**	**Sample Date**																								
SSHS-B1009	12-14	4/24/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	<0.3U	8.3HF	-	27J	-	-
SSHS-B1011	0-2	4/25/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	<0.27U	8.5HF	-	12J	-	-
SSHS-B1011	10-12	4/25/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	3.7	10.3HF	-	21J	-	-
SSHS-B1014	4-6	4/25/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	2.2	11.3HF	-	29J	-	-
SSHS-B1027	0-2	4/26/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	120J	-	-	-
SSHS-B1028	0-2	5/24/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	58J	-	-	-
SSHS-B1029	0-2	5/23/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	110J	-	-	-
SSHS-B1030	0-2	5/24/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	150J	-	-	-
SSHS-B1031	0-2	5/24/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	78J	-	-	-
SSHS-B1032	0-2	5/24/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	120J	-	-	-
SSHS-B1033	0-2	5/23/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	120J	-	-	-
SSHS-B1034	0-2	5/23/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	85J	-	-	-
SSHS-B1060	0-2	5/24/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46J	-	-	-
SSHS-B1251	10-12	7/1/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1100	-	-	-
SSHS-B1252	10-12	7/1/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	460J	-	-	-
SSHS-B1254	10-12	7/1/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	420J	-	-	-
SSHS-B1254	12-14	7/1/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	540J	-	-	-
SSHS-B830	6-8	1/23/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	3.4	8.6HF	-	52	-	-
SSHS-B836	2-4	1/12/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	0.72	8.8HF	-	22J	-	-
SSHS-B839	2-4	1/18/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	1.3	8.4HF	-	<12U	-	-
SSHS-B841	6-8	1/20/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	<0.33U	<4.2U	-	<13U	-	-
SSHS-B844	2-4	1/19/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	4.1	8.8HF	-	<11U	-	-
SSHS-B845	4-6	1/24/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	<0.27U	8.1HF	-	11J	-	-
SSHS-B846	6-8	1/11/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	0.32J	7.8HF	-	260	-	-
SSHS-B847	4-6	1/20/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140U	<0.3U	8.9HF	-	<11U	-	-
SSHS-B849	0-2	1/22/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	0.5	8.2HF	-	<11U	-	-
SSHS-B849	2-4	1/22/2018	<0.098U	<0.11U	<0.084U	<0.093U	<0.12U	<0.21U	<0.1U	<0.08U	<0.2U	<0.079U	<0.078U	<0.14U	<0.22U	<0.15U	<0.073U	<0.0073U	<0.029U	>140	0.58	8.2HF	-	<11U	<0.12U	<0.066U
SSHS-B849	4-6	1/22/2018	<0.0024U	<0.0027U	<0.0021U	<0.0023U	<0.003U	<0.0053U	<0.0026U	<0.002U	<0.005U	<0.002U	<0.0019U	<0.0034U	<0.0055U	<0.0036U	<0.0018U	<0.0076U	<0.03U	>140	0.39J	9.5HF	-	<12U	<0.0029U	<0.0016U
SSHS-B851	4-6	1/18/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	0.59	10.2HF	-	<11U	-	-
SSHS-B852	2-4	1/19/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	1.2	8.8HF	-	<11U	-	-
SSHS-B856	2-4	1/17/2018	<0.0021U	<0.0023U	<0.0018U	<0.002U	<0.0026U	<0.0046U	<0.0022U	<0.0017U	<0.0043U	<0.0017U	<0.0017U	<0.0029U	<0.0048U	<0.0031U	<0.0015U	<0.0076U	<0.03U	>140	1.2	8.4HF	-	12J	<0.0025U	<0.0014U
SSHS-B865	0-2	1/17/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	<0.26U	8.2HF	-	22J	-	-

TABLE 7B
Summary of Waste Characterization Results - Total Constituents
Former Sperry Remington Site - North Portion
Elmira, New York

			BTEX						Halogenated Benzenes					Halogenated Hydrocarbons				Herbicides		Inorganics					MAH	
			Benzene	Ethylbenzene	Toluene	Xylene (m & p)	Xylene (o)	Xylene Total	1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	Chlorobenzene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Trichlorofluoromethane	2,4,5-TP (Silvex)	Hedonal	Ignitability	Cyanide Total	pH (Lab)	Sodium	Sulphide	Isopropylbenzene	Styrene
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	°F	mg/kg	pH Units	mg/kg	mg/kg	mg/kg	mg/kg
EQL			0.002	0.0022	0.0017	0.0019	0.0025	0.0043	0.0021	0.0016	0.004	0.0016	0.0016	0.0027	0.0045	0.0029	0.0015	0.0071	0.028		0.25	0.1	570	0.014	0.0023	0.0013
Location	**Depth Range (ft bgs)**	**Sample Date**																								
SSHS-B866	0-2	1/12/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	0.69	7.8HF	-	<12U	-	-
SSHS-B873	0-2	1/11/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	<0.27U	8.3HF	-	<11U	-	-
SSHS-B874	0-2	1/20/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	<0.25U	8.4HF	-	<10U	-	-
SSHS-B875	2-4	1/20/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	<0.27U	8.5HF	-	<11U	-	-
SSHS-B876	0-2	1/22/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	<0.29U	7.7HF	-	<12U	-	-
SSHS-B876	2-4	1/24/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	<0.27U	6.7HF	-	14J	-	-
SSHS-B877	0-2	1/18/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	<0.27U	8.9HF	-	<11U	-	-
SSHS-B877	8-10	1/18/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	0.6	8.1HF	-	<12U	-	-
SSHS-B879	8-10	1/19/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	<0.28U	7.8HF	-	<12U,F1	-	-
SSHS-B881	4-6	1/22/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	<0.27U	10.3HF	-	<11U	-	-
SSHS-B882	8-10	1/12/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	<0.32U	8.8HF	-	<12U	-	-
SSHS-B883	2-4	1/20/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	1.2	8.6HF	-	<11U	-	-
SSHS-B884	2-4	1/11/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	0.83	8.3HF	-	<0.014U	-	-
SSHS-B885	0-2	1/17/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	0.41J	8HF	-	<11U	-	-
SSHS-B885	6-8	1/17/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	2.8	7.8HF	-	<12U	-	-
SSHS-B885	8-10	1/17/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	<0.31U	3.8HF	-	30J	-	-
SSHS-B886	6-8	1/24/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	<0.29U	6.1HF	-	12J	-	-
SSHS-B886	8-10	1/19/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	<0.28U	6.9HF	-	<11U	-	-
SSHS-B887	0-2	1/12/2018	<0.002U	<0.0022U	<0.0017U	<0.0019U	<0.0025U	<0.0043U	<0.0021U	<0.0016U	<0.004U	<0.0016U	<0.0016U	<0.0027U	<0.0045U	<0.0029U	<0.0015U	<0.0073U	<0.029U	>140	0.65	8.9HF	-	<11U	<0.0023U	<0.0013U
SSHS-B887	4-6	1/12/2018	<0.0022U	<0.0024U	<0.0019U	<0.0021U	<0.0028U	<0.0049U	<0.0023U	<0.0018U	<0.0046U	<0.0018U	<0.0018U	<0.0031U	<0.0051U	<0.0033U	<0.0016U	<0.0078U	<0.031U	>140	1.1	8HF	-	<12U	<0.0026U	<0.0015U
SSHS-B887	8-10	1/24/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	<0.3U	4.7HF	-	<12U	-	-
SSHS-B888	2-4	1/22/2018	<0.0023U	<0.0025U	<0.002U	<0.0022U	<0.0028U	<0.005U	<0.0024U,*	<0.0019U,*	<0.0047U,*	<0.0019U,*	<0.0018U	<0.0032U	<0.0052U	<0.0034U	<0.0017U	<0.008U	<0.031U	>140	0.48J	8.4HF	-	<12U	<0.0027U	<0.0016U
SSHS-B888	4-6	1/22/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	<0.29U	7.6HF	-	<11U	-	-
SSHS-B890	2-4	1/22/2018	<0.0024U	<0.0026U	0.0028J	0.0074	<0.003U	0.0074J	<0.0025U	<0.002U	<0.0049U	<0.0019U	<0.0019U	<0.0033U	<0.0055U	<0.0035U	<0.0018U	<0.0074U	<0.029U	>140	0.44J	8HF	-	<11U	<0.0028U	<0.0016U
SSHS-B890	4-6	1/22/2018	<0.0022U	<0.0025U	<0.0019U	<0.0021U	<0.0028U	<0.0049U	<0.0024U	<0.0018U	<0.0046U	<0.0018U	<0.0018U	<0.0031U	<0.0051U	<0.0033U	<0.0017U	<0.0073U	<0.029U	>140	0.51	8.4HF	-	<11U	<0.0026U	<0.0015U
SSHS-B890	8-10	1/23/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	0.85	10.7HF	-	<11U	-	-
SSHS-B892	10-12	1/17/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	<0.27U	4.5HF	-	11J	-	-
SSHS-B905	0-2	1/17/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	<0.29U	8.6HF	-	<11U	-	-
SSHS-B905	4-6	1/17/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	<0.31U	7.8HF	-	<12U	-	-
SSHS-B906	6-8	1/24/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	0.51	10.3HF	-	<11U	-	-
SSHS-B913	2-4	1/23/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	1.7	8.8HF	-	<11U	-	-
SSHS-B913	4-6	1/22/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	2.1	8.3HF	-	<11U	-	-
SSHS-B916	0-2	1/16/2018	<0.0022U	<0.0024U	<0.0019U	<0.0021U	<0.0027U	<0.0048U	<0.0023U	<0.0018U	<0.0044U	<0.0018U	<0.0017U	<0.003U	<0.005U	<0.0032U	<0.0016U	<0.0073U	<0.029U	>140	0.32J	8.3HF	-	<11U	<0.0026U	<0.0015U
SSHS-B917	0-2	1/18/2018	<0.002U	<0.0022U	<0.0018U	<0.002U	<0.0026U	<0.0045U	<0.0022U	<0.0017U	<0.0042U	<0.0017U	<0.0016U	<0.0029U	<0.0047U	<0.003U	<0.0015U	<0.0071U	<0.028U	>140	<0.26U	8.5HF	-	<11U	<0.0024U	<0.0014U
SSHS-B918	8-10	1/18/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	<0.3U	4.8HF	-	<12U	-	-
SSHS-B920	2-4	1/16/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	0.49J	9.2HF	-	<12U	-	-
SSHS-B923	4-6	1/11/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	1.4	9.4HF	-	<11U	-	-
SSHS-B928	0-2	1/11/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	0.67	8.6HF	-	<11U	-	-
SSHS-B930	0-2	1/16/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	<0.29U	8.4HF	-	<11U	-	-
SSHS-B955	4-6	2/28/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	<0.26U	8.6HF	-	<11U	-	-
SSHS-B965	6-8	3/1/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	>140	0.78	9.6HF	-	<12U	-	-

TABLE 7B
Summary of Waste Characterization Results - Total Constituents
Former Sperry Remington Site - North Portion
Elmira, New York

			Metals																				Organochlorine Pesticides						
			Lead	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (III+VI)	Cobalt	Copper	Iron	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Thallium	Vanadium	Zinc	Chlordane	Endrin	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			1.1	23	0.39	1.1	23	0.46	0.57	570	0.57	5.7	2.9	11	570	1.7	0.036	4.6	570	0.61	0.12	0.24	5.7	2.3	0.076	0.0069	0.0061	0.0056	0.0045	0.0069	0.48
Location	**Depth Range (ft bgs)**	**Sample Date**																													
SSHS-B1009	12-14	4/24/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B1011	0-2	4/25/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B1011	10-12	4/25/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B1014	4-6	4/25/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B1027	0-2	4/26/2018	41	8800	0.62J	8	100	0.47	0.19J	19,000	14	8	46	20,000	4400	690	0.052	29	880	0.59J	<0.12U	<0.24U	14	70	-	-	-	-	-	-	-
SSHS-B1028	0-2	5/24/2018	65	10,000	<0.52U	7.8	130	0.51J	0.32J	3200	15	8.2	61	20,000	2600	650	0.041	33	1300	<0.79U	<0.16U	<0.32U	15	110	-	-	-	-	-	-	-
SSHS-B1029	0-2	5/23/2018	120	5700	3.5	18	150	0.64	0.26J	3300	27	8.2	260	34,000	1000	270	0.15	290	860	2	<0.12U	<0.24U	16	99	-	-	-	-	-	-	-
SSHS-B1030	0-2	5/24/2018	78	10,000	0.81J	16	130	0.67	0.4J	3200	23	9.9	260	29,000	2400	460	0.077	74	1100	1.3	<0.13U	<0.26U	17	120	-	-	-	-	-	-	-
SSHS-B1031	0-2	5/24/2018	790	11,000	0.83J	14	130	0.56	0.78	3400	22	8.8	370	33,000	2400	540	0.1	140	1100	1.1J	<0.14U	<0.27U	19	370	-	-	-	-	-	-	-
SSHS-B1032	0-2	5/24/2018	390F2	7900	0.49J,F1,F2	14	180	0.59	0.45J	3600	25	13	180	27,000F2	2000	390F2	0.18F1	83F1	1000	0.78J	<0.13U	<0.27U	16	160	-	-	-	-	-	-	-
SSHS-B1033	0-2	5/23/2018	54	5300	0.64J	11	100	0.4J	0.16J	5700	17	5.3J	41	22,000	1600	330	0.07	22	1000	1J	<0.14U	<0.28U	17	47	-	-	-	-	-	-	-
SSHS-B1034	0-2	5/23/2018	37	8200	1.1J	7.4	110	0.45J	0.25J	9800	13	7.3	39	18,000	2700	460	0.062	28	880	<0.63U	<0.13U	<0.26U	13	84	-	-	-	-	-	-	-
SSHS-B1060	0-2	5/24/2018	48	6000	<0.4U	7.5	91	0.36J	0.29J	2900	10	5.7J	45	15,000	1700	440	0.08	26	650	<0.61U	<0.13U	<0.25U	9.7	67	-	-	-	-	-	-	-
SSHS-B1251	10-12	7/1/2018	15	6900	<0.43U	30	110	0.22J	0.23J	960	18	3.3J	68	51,000	1700	120	0.031J,B	12	1800	1.3	<0.13U	<0.26U	16	51	-	-	-	-	-	-	-
SSHS-B1252	10-12	7/1/2018	11	8200	<0.39U	17	98	0.29J	0.15J	950	16	5.1J	36	36,000	2100	150	0.022J,B	15	1300	0.87J	<0.12U	<0.24U	15	51	-	-	-	-	-	-	-
SSHS-B1254	10-12	7/1/2018	23	6500	<0.42U	16	59	0.23J	0.27J	14,000	16	3.9J	80	32,000	2600	150	0.094B	23	660	1.1J	<0.13U	<0.26U	13	70	-	-	-	-	-	-	-
SSHS-B1254	12-14	7/1/2018	34	6600	<0.42U	28	100	0.3J	0.28J	23,000F1,F2	24	4.5J	120F1	39,000	2600	180	0.069B	32	870	2.3	<0.13U	<0.26U	15	83	-	-	-	-	-	-	-
SSHS-B830	6-8	1/23/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B836	2-4	1/12/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B839	2-4	1/18/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B841	6-8	1/20/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B844	2-4	1/19/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B845	4-6	1/24/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B846	6-8	1/11/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B847	4-6	1/20/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B849	0-2	1/22/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B849	2-4	1/22/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.077U	<0.007U	<0.0062U	<0.0056U	1.1p	<0.007U	<0.49U
SSHS-B849	4-6	1/22/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.082U	<0.0075U	<0.0066U	<0.006U	0.22p	<0.0075U	<0.52U
SSHS-B851	4-6	1/18/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B852	2-4	1/19/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B856	2-4	1/17/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.41U	1.4p	0.07J,p	<0.03U,F1	<0.025U,F1	<0.037U,F1	<2.6U
SSHS-B865	0-2	1/17/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 7B
Summary of Waste Characterization Results - Total Constituents
Former Sperry Remington Site - North Portion
Elmira, New York

			Metals																				Organochlorine Pesticides						
			Lead	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (III+VI)	Cobalt	Copper	Iron	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Thallium	Vanadium	Zinc	Chlordane	Endrin	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			1.1	23	0.39	1.1	23	0.46	0.57	570	0.57	5.7	2.9	11	570	1.7	0.036	4.6	570	0.61	0.12	0.24	5.7	2.3	0.076	0.0069	0.0061	0.0056	0.0045	0.0069	0.48
Location	**Depth Range (ft bgs)**	**Sample Date**																													
SSHS-B866	0-2	1/12/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B873	0-2	1/11/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B874	0-2	1/20/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B875	2-4	1/20/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B876	0-2	1/22/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B876	2-4	1/24/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B877	0-2	1/18/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B877	8-10	1/18/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B879	8-10	1/19/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B881	4-6	1/22/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B882	8-10	1/12/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B883	2-4	1/20/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B884	2-4	1/11/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B885	0-2	1/17/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B885	6-8	1/17/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B885	8-10	1/17/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B886	6-8	1/24/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B886	8-10	1/19/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B887	0-2	1/12/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.16U	<0.014U	<0.012U	<0.011U	<0.0093U	<0.014U	<0.98U
SSHS-B887	4-6	1/12/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.084U	<0.0076U	<0.0067U	<0.0061U	<0.005U	<0.0076U	<0.53U
SSHS-B887	8-10	1/24/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B888	2-4	1/22/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.17U	0.39p	<0.014U	<0.012U	<0.01U	<0.016U	<1.1U
SSHS-B888	4-6	1/22/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B890	2-4	1/22/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.079U	<0.0072U	<0.0063U	<0.0058U	1.7p	<0.0072U	<0.5U
SSHS-B890	4-6	1/22/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.078U	<0.0071U,F1	<0.0062U	<0.0057U,F1	0.65p	<0.0071U,F2,F1	<0.49U
SSHS-B890	8-10	1/23/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B892	10-12	1/17/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B905	0-2	1/17/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B905	4-6	1/17/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B906	6-8	1/24/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B913	2-4	1/23/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B913	4-6	1/22/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B916	0-2	1/16/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.076U	<0.0069U	<0.0061U	<0.0056U	<0.0045U	<0.0069U	<0.48U
SSHS-B917	0-2	1/18/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.076U	0.01J,p,F1,F2	<0.0061U	<0.0056U	<0.0045U,F1	<0.0069U,F1,F2	<0.48U
SSHS-B918	8-10	1/18/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B920	2-4	1/16/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B923	4-6	1/11/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B928	0-2	1/11/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B930	0-2	1/16/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B955	4-6	2/28/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B965	6-8	3/1/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 7B
Summary of Waste Characterization Results - Total Constituents
Former Sperry Remington Site - North Portion
Elmira, New York

			Solvents							SVOCs													
			Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Acetone	Carbon disulfide	Cyclohexane	Methyl-tert-butyl ether	1,4-dichlorobenzene	1,4-Dioxane	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-Dinitrotoluene	2-methylphenol	4-methylphenol	Hexachlorobenzene	Hexachlorobutadiene	Hexachloroethane	Nitrobenzene	Pentachlorophenol	Pyridine
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			0.0029	0.0042	0.0019	0.0032	0.003	0.0012	0.0037	0.001	0.037	0.038	0.035	0.052	0.035	0.035	0.032	0.025	0.028	0.03	0.75	0.038
Location	**Depth Range (ft bgs)**	**Sample Date**																				
SSHS-B1009	12-14	4/24/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B1011	0-2	4/25/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B1011	10-12	4/25/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B1014	4-6	4/25/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B1027	0-2	4/26/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B1028	0-2	5/24/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B1029	0-2	5/23/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B1030	0-2	5/24/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B1031	0-2	5/24/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B1032	0-2	5/24/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B1033	0-2	5/23/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B1034	0-2	5/23/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B1060	0-2	5/24/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B1251	10-12	7/1/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B1252	10-12	7/1/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B1254	10-12	7/1/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B1254	12-14	7/1/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B830	6-8	1/23/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B836	2-4	1/12/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B839	2-4	1/18/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B841	6-8	1/20/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B844	2-4	1/19/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B845	4-6	1/24/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B846	6-8	1/11/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B847	4-6	1/20/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B849	0-2	1/22/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B849	2-4	1/22/2018	<0.14U	<0.21U	<0.092U	<0.16U	<0.15U	<0.061U	<0.18U	<0.05U	<1.8U	<0.07U	<0.064U	<0.097U	<0.065U	<0.065U	<0.059U	<0.046U	<0.052U	<0.056U	<1.4U	<0.07U
SSHS-B849	4-6	1/22/2018	<0.0036U	<0.0052U	<0.0023U	0.014J	<0.0037U	<0.0015U	<0.0045U	<0.0013U	<0.045U	<0.18U	<0.17U	<0.25U	<0.17U	<0.17U	<0.15U	<0.12U	<0.14U	<0.14U	<3.6U	<0.18U
SSHS-B851	4-6	1/18/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B852	2-4	1/19/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B856	2-4	1/17/2018	<0.0031U	<0.0044U	<0.002U	0.0061J	<0.0032U	<0.0013U	<0.0039U	<0.0011U	<0.039U	<0.072U	<0.066U	<0.1U	<0.067U	<0.067U	<0.061U	<0.048U	<0.054U	<0.058U	<1.4U	<0.073U
SSHS-B865	0-2	1/17/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 7B
Summary of Waste Characterization Results - Total Constituents
Former Sperry Remington Site - North Portion
Elmira, New York

			Solvents							SVOCs													
			Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Acetone	Carbon disulfide	Cyclohexane	Methyl-tert-butyl ether	1,4-dichlorobenzene	1,4-Dioxane	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-Dinitrotoluene	2-methylphenol	4-methylphenol	Hexachlorobenzene	Hexachlorobutadiene	Hexachloroethane	Nitrobenzene	Pentachlorophenol	Pyridine
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			0.0029	0.0042	0.0019	0.0032	0.003	0.0012	0.0037	0.001	0.037	0.038	0.035	0.052	0.035	0.035	0.032	0.025	0.028	0.03	0.75	0.038
Location	**Depth Range (ft bgs)**	**Sample Date**																					
SSHS-B866	0-2	1/12/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B873	0-2	1/11/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B874	0-2	1/20/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B875	2-4	1/20/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B876	0-2	1/22/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B876	2-4	1/24/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B877	0-2	1/18/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B877	8-10	1/18/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B879	8-10	1/19/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B881	4-6	1/22/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B882	8-10	1/12/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B883	2-4	1/20/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B884	2-4	1/11/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B885	0-2	1/17/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B885	6-8	1/17/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B885	8-10	1/17/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B886	6-8	1/24/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B886	8-10	1/19/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B887	0-2	1/12/2018	<0.0029U	<0.0042U	<0.0019U	<0.0032U	<0.003U	<0.0012U	<0.0037U	<0.001U	<0.037U,*	<0.69U	<0.63U	<0.96U	<0.64U	<0.64U	<0.58U	<0.46U	<0.52U	<0.55U	<14U,F1	<0.69U,F2
SSHS-B887	4-6	1/12/2018	<0.0033U	<0.0047U	<0.0021U	<0.16 - 0.005J,H	<0.0034U	<0.0014U	<0.0042U	<0.0012U	<0.041U,*	<0.073U	<0.067U	<0.1U	<0.068U	<0.068U	<0.062U	<0.048U	<0.055U	<0.059U	<1.4U	<0.073U
SSHS-B887	8-10	1/24/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B888	2-4	1/22/2018	<0.0034U	<0.0049U	<0.0022U	<0.0037U	<0.0035U	<0.0014U	<0.0043U	<0.0012U	<0.043U	<0.038U	<0.035U	<0.052U	<0.035U	<0.035U	<0.032U	<0.025U	<0.028U	<0.03U	<0.75U	<0.038U
SSHS-B888	4-6	1/22/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B890	2-4	1/22/2018	<0.0035U	<0.0051U	<0.0023U	<0.0038U	<0.0037U	<0.0015U	<0.0045U	<0.0012U	<0.044U	<0.069U	<0.064U	<0.097U	<0.065U	<0.065U	<0.059U	<0.046U	<0.052U	<0.056U	<1.4U	<0.07U
SSHS-B890	4-6	1/22/2018	<0.0033U	<0.0048U	<0.0021U	<0.0036U	<0.0034U	<0.0014U	<0.0042U	<0.0012U	<0.042U	<0.068U	<0.063U	<0.095U	<0.063U	<0.064U	<0.058U	<0.045U	<0.052U	<0.055U	<1.4U	<0.069U
SSHS-B890	8-10	1/23/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B892	10-12	1/17/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B905	0-2	1/17/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B905	4-6	1/17/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B906	6-8	1/24/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B913	2-4	1/23/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B913	4-6	1/22/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B916	0-2	1/16/2018	<0.0032U	<0.0046U	<0.0021U	<0.0035U	<0.0033U	<0.0013U	<0.0041U	<0.0011U	<0.04U	<0.69U	<0.64U	<0.97U	<0.64U	<0.65U	<0.59U	<0.46U	<0.52U	<0.56U	<14U	<0.7U
SSHS-B917	0-2	1/18/2018	<0.003U	<0.0044U	<0.0019U	<0.0033U	<0.0031U	<0.0013U	<0.0038U	<0.0011U	<0.038U	<0.34U	<0.31U	<0.47U	<0.31U	<0.31U,F2	<0.28U	<0.22U	<0.25U	<0.27U	<6.7U,F1	<0.34U
SSHS-B918	8-10	1/18/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B920	2-4	1/16/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B923	4-6	1/11/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B928	0-2	1/11/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B930	0-2	1/16/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B955	4-6	2/28/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B965	6-8	3/1/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
J - estimated value
U-non-detect
D - identified in an analysis at the dilution factor
- not analyzed
µg/L - micrograms per liter
mg/kg - milligram per kilogram

TABLE 8
Summary of Metals Results for Soils
Former Sperry Remington Site - North Portion
Elmira, New York

				Metals																				
				Lead	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (III+VI	Cobalt	Copper	Iron	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Thallium	Vanadium	Zinc
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.39	7.9	0.14	0.39	7.9	0.16	0.015	200	0.2	2	0.99	3.9	200	0.59	0.008	1.6	200	0.35	0.04	0.14	2	0.79
Restricted - Residential				400			16	400	72	4.3		110		270			2000	0.81	310		180	180			10000
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																						
Rear Parking Lot	SSHS-B100	0.17-2	8/15/2014	260	6300	1.7	18	110	<0.31J	<0.33J	13,000	75	8.7	800	60,000	3900	560	0.19	140B	<550U	1.6	<0.15J	<0.2J	24	260B
Rear Parking Lot	SSHS-B100	4-6	8/15/2014	17	3100	<0.23U	7.8	58	0.49	<0.067J	7600	9.4	<4.2J	45	22,000	1600	200	<0.012U	21B	580	1.3	<0.046U	<0.17U	20	25B
Rear Parking Lot	SSHS-B100	6-10	8/15/2014	17	11,000	<0.23U	7.8	110	0.53	<0.094J	4500	13	9.4	22	22,000	3200	580	0.038	19B	1500	<0.43J	<0.047U	<0.17U	16	65B
Rear Parking Lot	SSHS-B100	10-13.5	8/15/2014	13	13,000	<0.24U	8.2	81	0.57	<0.057J	1100	15	10	15	24,000	3100	450	<0.028J	19B	2200	<0.37J	<0.049U	<0.18U	19	63B
Rear Parking Lot	SSHS-B101	0.17-2	8/14/2014	54	7900	<0.21U	12	82	<0.38J	<0.12J	16,000	12	7.7	63	21,000	3900	540	<0.032J	47	750	<0.54J	<0.043U	<0.17J	13	110B
Rear Parking Lot	SSHS-B101	3-6	8/14/2014	120	3500	2.7	17	140	0.92	<0.069J	2000	9.3	7.2	70	29,000	850	180	0.13	16	<640U	1.8	<0.052U	<0.19U	18	68B
Rear Parking Lot	SSHS-B101	8-10	8/14/2014	26	2800	<0.36J	26	210	0.61	<0.017U	11,000	11	6.5	47	26,000	2300	87	0.1	16	<610U	2.6	<0.049U	<0.18U	17	35B
Rear Parking Lot	SSHS-B101	12-15.5	8/14/2014	9	6800	<0.2U	5.6	62	<0.35J	<0.11J	22,000	10	6.6	29	14,000	5900	420	<0.013J	17	690	<0.44J	<0.04U	<0.14U	10	76B
Rear Parking Lot	SSHS-B1027	0-2	4/26/2018	41	8800	0.62J	8	100	0.47	0.19J	19,000	14	8	46	20,000	4400	690	0.052	29	880	0.59J	<0.12U	<0.24U	14	70
Rear Parking Lot	SSHS-B1028	0-2	5/24/2018	65	10,000	<0.52U	7.8	130	0.51J	0.32J	3200	15	8.2	61	20,000	2600	650	0.041	33	1300	<0.79U	<0.16U	<0.32U	15	110
Rear Parking Lot	SSHS-B1029	0-2	5/23/2018	120	5700	3.5	18	150	0.64	0.26J	3300	27	8.2	260	34,000	1000	270	0.15	290	860	2	<0.12U	<0.24U	16	99
Rear Parking Lot	SSHS-B1030	0-2	5/24/2018	78	10,000	0.81J	16	130	0.67	0.4J	3200	23	9.9	260	29,000	2400	460	0.077	74	1100	1.3	<0.13U	<0.26U	17	120
Rear Parking Lot	SSHS-B1031	0-2	5/24/2018	790	11,000	0.83J	14	130	0.56	0.78	3400	22	8.8	370	33,000	2400	540	0.1	140	1100	1.1J	<0.14U	<0.27U	19	370
Rear Parking Lot	SSHS-B1032	0-2	5/24/2018	390F2	7900	0.49J,F1,F2	14	180	0.59	0.45J	3600	25	13	180	27,000F2	2000	390F2	0.18F1	83F1	1000	0.78J	<0.13U	<0.27U	16	160
Rear Parking Lot	SSHS-B1033	0-2	5/23/2018	54	5300	0.64J	11	100	0.4J	0.16J	5700	17	5.3J	41	22,000	1600	330	0.07	22	1000	1J	<0.14U	<0.28U	17	47
Rear Parking Lot	SSHS-B1034	0-2	5/23/2018	37	8200	1.1J	7.4	110	0.45J	0.25J	9800	13	7.3	39	18,000	2700	460	0.062	28	880	<0.63U	<0.13U	<0.26U	13	84
Rear Parking Lot	SSHS-B1060	0-2	5/24/2018	48	6000	<0.4U	7.5	91	0.36J	0.29J	2900	10	5.7J	45	15,000	1700	440	0.08	26	650	<0.61U	<0.13U	<0.25U	9.7	67
Rear Parking Lot	SSHS-B1251	10-12	7/1/2018	15	6900	<0.43U	30	110	0.22J	0.23J	960	18	3.3J	68	51,000	1700	120	0.031J,B	12	1800	1.3	<0.13U	<0.26U	16	51
Rear Parking Lot	SSHS-B1252	10-12	7/1/2018	11	8200	<0.39U	17	98	0.29J	0.15J	950	16	5.1J	36	36,000	2100	150	0.022J,B	15	1300	0.87J	<0.12U	<0.24U	15	51
Rear Parking Lot	SSHS-B1254	10-12	7/1/2018	23	6500	<0.42U	16	59	0.23J	0.27J	14,000	16	3.9J	80	32,000	2600	150	0.094B	23	660	1.1J	<0.13U	<0.26U	13	70
Rear Parking Lot	SSHS-B1254	12-14	7/1/2018	34	6600	<0.42U	28	100	0.3J	0.28J	23,000F1,F2	24	4.5J	120F1	39,000	2600	180	0.069B	32	870	2.3	<0.13U	<0.26U	15	83
Rear Parking Lot	SSHS-B23	0-0.25	5/9/2000	<25.4N*	-	-	5.5N*	<113U	<0.58U	<0.58U	-	<15.7U	-	21.9N*	-	-	-	<0.06U	<25N	-	<0.585U	<1.17U	-	-	79N
Rear Parking Lot	SSHS-B23	1-4	5/9/2000	16.2N*	-	-	<4.3N*	68.1	<0.63U	<0.63U	-	11.1	-	39.7N*	-	-	-	<0.06UN	17.5N	-	<0.63U	<1.3U	-	-	67.2N
Rear Parking Lot	SSHS-B23	4-8	5/9/2000	201N*	-	-	13N*	307	<0.59U	<0.59U	-	18.6	-	163N*	-	-	-	0.23N	85.3N	-	0.79	<1.2U	-	-	200N
Rear Parking Lot	SSHS-B23	8-12	5/9/2000	24.6N*	-	-	7.2N*	224	0.95	<0.62U	-	17.3	-	12.8N*	-	-	-	<0.06UN	25N	-	0.67	<1.2U	-	-	63.4N
Rear Parking Lot	SSHS-B24	0-0.25	5/9/2000	31.7N*	-	-	4.4N*	<141U	<0.57U	<0.57U	-	21.1	-	35.3N*	-	-	-	<0.06UN	25.9N	-	<0.59U	<1.1U	-	-	99.1N
Rear Parking Lot	SSHS-B24	2-2.5	7/11/2000	307*	-	-	21.2	471N*	0.696	<0.55U	-	16.6	-	195	-	-	-	<0.06U	80.9N	-	1	<1.1U	-	-	77
Rear Parking Lot	SSHS-B24	2-2.5	7/27/2000	274*	-	-	25.6*	222N*	1	<0.56U	-	14.7N	-	169	-	-	-	<0.06U	70.6N	-	2.9	<1.1U	-	-	87.8N
Rear Parking Lot	SSHS-B24	1-4	5/9/2000	3940N*	-	-	56.2N*	434	0.99	<0.58U	-	60.1	-	2300N*	-	-	-	<0.06UN	761N	-	1.6	<1.2U	-	-	451N
Rear Parking Lot	SSHS-B35	0-0.25	5/9/2000	34.1N*	-	-	4.6N*	<131U	<0.61U	<0.61U	-	18.7	-	19.7N*	-	-	-	<0.06UN	22.4N	-	<0.61U	<1.2U	-	-	85.5N
Rear Parking Lot	SSHS-B35	2-4	5/9/2000	65.7N*	-	-	16.2N*	138	<0.6U	0.6	-	13.9	-	383N*	-	-	-	0.4N	31.4N	-	1.5	<1.2U	-	-	92.4N
Rear Parking Lot	SSHS-B518	0-2	9/16/2016	89	5600	<0.37U	12	87	0.34J	0.37J	24,000	14	5.2	49	16,000	5600	340	0.12B	39	460J	1.1	<0.17U	<0.52U	16	120
Rear Parking Lot	SSHS-B518	2-4	9/16/2016	1500	6300	<0.78U	28	690	0.58	0.89	12,000	27	7.5	200	23,000	2400	400	0.089B	61	520J	2	<0.18U	<0.55U	17	590
Rear Parking Lot	SSHS-B519	0-2	9/22/2016	270	4800	390	11	81	0.24J	0.65	31,000	30	5.5	550	25,000	5800	390	0.024J	78	390J	1.1	0.44J	<0.52U	15	130
Rear Parking Lot	SSHS-B519	2-4	9/22/2016	290	7500	2.3	11	280	0.41J	1.7	4400	26	9.5	550	44,000	2000	620	0.32	170	920	1J	<0.2U	<0.6U	23	240
Rear Parking Lot	SSHS-B519	4-6	9/22/2016	180J	5500	1.1J	5.4	120	0.28J	18J	5800J+	19J	6.3	610F2	26,000	1900	560F2	0.042J+	110J	580J	0.85J	<0.2U	<0.59U	13	110J
Rear Parking Lot	SSHS-B520	0-2	9/22/2016	390	3400	1	12	300J	0.16J	1.2	21,000J	12	3.3J	92	21,000	5100J	230	0.18	38J	400J	0.92J	0.2J	<0.49U	9.9	51
Rear Parking Lot	SSHS-B520	2-4	9/22/2016	240	5400	2.8J	21	1500	0.36J	1.7	10,000	52	17	230	160,000	240J	1100	<0.0081U	470	300J	1.9	0.17J	<0.5U	12J	110
Rear Parking Lot	SSHS-B520	4-6	9/22/2016	57	4400	0.34J	4.8	160	0.19J	48	25,000	10	6.8	27	23,000	1200	430	0.014J	53	350J	0.87J	<0.16U	<0.47U	8.4	33
Rear Parking Lot	SSHS-B520	8-10	9/22/2016	27	10,000F2	<0.39UJ	9.5J	160J	0.46J	<0.12UJ	7800J-	14J	8.6	23J	24,000F2	3000J	320F2	0.025J	26	880J	<0.44U,F2	<0.18UJ	<0.55U	15J	58J
Rear Parking Lot	SSHS-B520	10-12	9/22/2016	10	10,000	<0.37U	10	70	0.53	<0.12U	940	13	14	32	22,000	2700	660	0.031J	27	660	<0.41U	<0.17U	<0.52U	14	76
Rear Parking Lot	SSHS-B522	0-2	9/16/2016	140	7400	0.39J	7.9	200	0.38J	0.13J	17,000	16	7.4	65	24,000	3600	440	<0.032U	51	640	1.1	<0.17U	<0.53U	15	90
Rear Parking Lot	SSHS-B522	2-4	9/16/2016	680	7900	0.68J	7	180	0.35J	0.12J	9200	11	7	41	24,000	3400	430	<0.033U	39	790	0.47J	<0.17U	<0.52U	16	71
Rear Parking Lot	SSHS-B524	0-2	9/23/2016	13	9200	<0.37U	13	100	0.43	<0.12U	8600	12	9.7	22	21,000	4000	470	0.025J	22	680	<0.42U	<0.17U	<0.52U	13	68
Rear Parking Lot	SSHS-B524	2-4	9/23/2016	61	8000	0.5J	11	89	0.43	<0.12U	37,000	17	8.1	74	24,000	6100	600	0.032J	58	700	<0.42U	<0.17U	<0.52U	14	84
Rear Parking Lot	SSHS-B524	4-6	9/23/2016	12	5300	<0.33U	6.4	34	0.26J	<0.1U	31,000	9.3	5.8	29	13,000	8600	350	0.017J	15	590	<0.36U	<0.15U	<0.46U	10	49

TABLE 8
Summary of Metals Results for Soils
Former Sperry Remington Site - North Portion
Elmira, New York

				Metals																				
				Lead	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (III+VI	Cobalt	Copper	Iron	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Thallium	Vanadium	Zinc
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.39	7.9	0.14	0.39	7.9	0.16	0.015	200	0.2	2	0.99	3.9	200	0.59	0.008	1.6	200	0.35	0.04	0.14	2	0.79
Restricted - Residential				400			16	400	72	4.3		110		270			2000	0.81	310		180	180			10000
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																						
Rear Parking Lot	SSHS-B524	6-8	9/23/2016	6.1	4000	<0.36U	3.9	25	0.2J	<0.11U	160,000	5.6	4.6J	13	10,000	7200	410	0.0099J	12	540	<0.4U	<0.17U	<0.5U	7.3	35
Rear Parking Lot	SSHS-B524	8-10	9/23/2016	5.1	5700	<0.31U	4.8	31	0.22J	<0.1U	29,000	7.6	5.2	18	13,000	6000	310	0.01J	14	500	<0.35U	<0.15U	<0.44U	8.5	50
Rear Parking Lot	SSHS-B537	8-10	9/22/2016	27	3600	0.72J	110	73	0.24J	<0.12U	2000	9.8	2.5J	28	45,000	1200	82	0.67	12	1100	5.5	<0.18U	<0.54U	19	29
Rear Parking Lot	SSHS-B537	10-12	9/22/2016	7.7	4700	0.56J	53	71	0.15J	<0.12U	340J	9.2	2.4J	25	41,000	1300	67	<0.008U	10	1000	1.3	<0.18U	<0.54U	14	31
Rear Parking Lot	SSHS-B537	12-14	9/22/2016	22	5900	<0.4U	38	80	0.2J	<0.13U	4700	15	3.5J	30	34,000	2300	130	0.69	15	960	1.2	<0.19U	<0.56U	15	53
Rear Parking Lot	SSHS-B542	8-10	9/22/2016	36,000	2000	210	71	100	0.23J	<0.11U	16,000	8	4.6J	110	32,000	1400	120	0.058	27	530	12	1.6	<0.49U	10	50
Rear Parking Lot	SSHS-B542	10-12	9/22/2016	2100	3500	1.1	61	76	0.13J	<0.12U	1100	13	2.4J	95	51,000	880	83	0.046	24	890	2.6	<0.18U	<0.53U	13	55
Rear Parking Lot	SSHS-B542	12-14	9/22/2016	130	5500	0.62J	57	110	0.25J	<0.13U	9000	17	4.4J	79	47,000	5400	170	0.043	20	1200	1.7	<0.19U	<0.56U	15	54
Rear Parking Lot	SSHS-B555	0-2	9/16/2016	7.2	7000	<0.34U	5.4	68	0.28J	<0.11U	51,000	9.1	6.8	19	16,000	6100	400	<0.054U	19	600	0.37J	<0.16U	<0.47U	16	54
Rear Parking Lot	SSHS-B555	2-4	9/16/2016	3300J	7300	2.7J	9.7J	240J	0.38J	0.21J	16,000J+	27J	7.4J	48J-	31,000	3000J	470J	0.054B	63J	570	0.56J	<0.16UJ	<0.47UJ	18J	97
Rear Parking Lot	SSHS-B555	4-6	9/16/2016	33	7200	<0.4U	4.9	77	0.36J	<0.13U	4200	11	5.7	18	17,000	2400	360	<0.032U	18	620	<0.45U	<0.19U	<0.57U	12	45
Rear Parking Lot	SSHS-B555	6-8	9/16/2016	17	7900	<0.4U	5.8	50	0.34J	<0.13U	13,000	9.6	6	21	17,000	3700	410	<0.035U	15	590	0.5J	<0.19U	<0.56U	14	52
Rear Parking Lot	SSHS-B555	8-10	9/16/2016	7.7	5900	<0.37U	3.8	43	0.28J	<0.12U	39,000	7.4	4.5J	13	12,000	6500	240	<0.03U	11	510J	<0.41U	<0.17U	<0.52U	11	37
Rear Parking Lot	SSHS-B557	0-2	9/7/2016	45	4200	<0.37U	39	110	0.25	<0.058U	720	14	3.5	40	29,000	1100	150	0.14	21	470	3.1	<0.086U	<0.26U	16	41
Rear Parking Lot	SSHS-B557	2-4	9/7/2016	99	4000	0.65J	25	120	0.25	0.3	2100J	30	5	240J	32,000	1200	190	0.21	74	410	2	0.16J	<0.26U	15	90
Rear Parking Lot	SSHS-B557	4-6	9/7/2016	26	5700	0.23J	18	80	0.23	0.092J	1100	14	5.3	42	22,000	1700	250	0.039	25	450	1.2	<0.086U	<0.26U	13	50
Rear Parking Lot	SSHS-B557	6-8	9/7/2016	9.6	8200	<0.19U	5.9	91	0.29	0.068J	480	14	6.4	22	23,000	2200	290	0.013J	16	470	0.51J	<0.089U	<0.27U	14	56
Rear Parking Lot	SSHS-B557	8-10	9/7/2016	21	3800	<0.14U	9.7	59	0.15J	0.069J	620	11	3.2	37	15,000	1100	160	0.05	15	330	0.83	<0.066U	<0.2U	8.3	34
Rear Parking Lot	SSHS-B557	10-12	9/7/2016	5.2	4300	<0.2U	4.5	41	0.12J	<0.064U	750	8.6	2.9	14	18,000	1500	84	0.0091J	9	360	0.63	<0.094U	<0.28U	8.2	33
Rear Parking Lot	SSHS-B558	0-2	9/7/2016	34	1600	0.24J	63	50	0.24	<0.059U	810	5.6	1.5J	22	15,000	390	56	0.17	13	330	5.8	<0.087U	0.46J	10	28
Rear Parking Lot	SSHS-B558	2-4	9/7/2016	8.9	5800	<0.39U	20	51	0.26	0.093J	14,000	7.9	5.9	27	32,000	3200	260	0.017	14	340	0.81	<0.09U	<0.27U	11	48
Rear Parking Lot	SSHS-B558	4-6	9/7/2016	9.6	6900	<0.19U	7.6	59	0.22	<0.061U	2000	10	4.9	22	21,000	1900	320	0.032	14	350	0.46J	<0.09U	<0.27U	13	49
Rear Parking Lot	SSHS-B558	6-8	9/7/2016	12	9300	<0.19UJ	9.2	200J	0.35	0.1J	770	13	8	18J-	23,000J	2300	300J	0.023	17	550	0.5J	<0.089U	<0.27U	15	60J
Rear Parking Lot	SSHS-B558	8-10	9/7/2016	15	6600	<0.2U	8.4	120	0.32	0.074J	1900	15	5.8	19	20,000	1800	170	0.028	17	410	0.66	<0.093U	<0.28U	12	52
Rear Parking Lot	SSHS-B558	10-12	9/7/2016	20	4600	<0.2U	8.1	50	0.18J	<0.064U	1100	10	3.4	88	19,000	1600	120	0.011J	24	460	0.28J	<0.095U	<0.28U	8.9	47
Rear Parking Lot	SSHS-B559	0-2	9/7/2016	230	3500	1.6	43	130	0.37	0.18J	1700	28	5.1	1400	40,000	820	210	0.11	260	430	3.4	1.3	<0.26U	15	260
Rear Parking Lot	SSHS-B559	2-4	9/7/2016	23	980	0.32J	42	74	0.35	<0.06U	870	13	1J	14	15,000	200J	22	0.081	6	300	5.6	<0.088U	0.58J	13	13
Rear Parking Lot	SSHS-B559	4-6	9/7/2016	43	4800	<0.38U	35	66	0.21	<0.06U	1300	12	4.3	60	34,000	1400	150	0.032	41	570	2	<0.088U	<0.27U	13	120
Rear Parking Lot	SSHS-B559	6-8	9/7/2016	9.7	4900	<0.36U	34	86	0.13J	<0.058U	1000	9.8	2.9	18	37,000	1500	120	<0.018U	12	490	1.2	<0.085U	<0.26U	13	39
Rear Parking Lot	SSHS-B559	8-10	9/7/2016	49	4600	<0.36U	28	75	0.25	0.07J	1200	19	3.4	100	34,000	1400	150	0.044B	60	560	1.9	0.17J	<0.25U	14	120
Rear Parking Lot	SSHS-B560	0-2	9/7/2016	1300	3300	7.2	55	170	0.32	0.11J	2600	33	4.5	250	56,000	980	220	0.11B	120	460	4.3	0.68	<0.26U	16	180
Rear Parking Lot	SSHS-B560	2-4	9/7/2016	35	1300	0.42J	23	40	0.35	<0.057U	470	6.7	1.8J	50	18,000	320	28	0.13B	13	280	2.1	<0.085U	0.26J	8.4	24
Rear Parking Lot	SSHS-B560	4-6	9/7/2016	110	2700	0.72J	58	99	0.3	0.065J	2200	16	3.1	130	43,000	820	130	0.086B	72	580	5.5	0.17J	0.36J	15	150
Rear Parking Lot	SSHS-B560	6-8	9/7/2016	11	3800	<0.39U	98	84	0.13J	<0.062U	680	7.1	2.1J	19	42,000	1100	92	0.02B	7.8	840	6.7	<0.092U	<0.28U	14	31
Rear Parking Lot	SSHS-B560	8-10	9/7/2016	97	3200	0.94J	32	82	0.34	0.083J	2100	15	3.1	200	29,000	1200	130	0.086B	62	480	2.6	0.19J	<0.26U	14	110
Rear Parking Lot	SSHS-B64	0.17-2	8/14/2014	10	6500	<0.2U	5.5	140	<0.28J	<0.12J	52,000	8.6	5.8	20	15,000	5300	520	<0.014J	16	530	<0.29J	<0.04U	<0.15U	11	53B
Rear Parking Lot	SSHS-B64	4-6	8/14/2014	60	1300	1.6	20	92	<0.37J	<0.017U	5700	9	<4.3J	35	22,000	<430J	44	0.065	10	700	2.8	<0.048U	<0.2J	18	7.2B
Rear Parking Lot	SSHS-B64	6-9	8/14/2014	28	4800	<0.23U	8.7	63	0.54	<0.059J	17,000	9.1	<5.5J	36	21,000	2400	130	<0.027J	17	790	1.2	<0.046U	<0.17U	16	30B
Rear Parking Lot	SSHS-B64	10-12	8/14/2014	12	12,000	<0.24U	9	72	0.55	<0.062J	5200	14	9.8	15	23,000	4000	440	<0.017J	19	1700	<0.56J	<0.049U	<0.18U	18	56B
Rear Parking Lot	SSHS-B65	0.17-2	8/14/2014	11	6100	<0.21U	5	35	<0.24J	<0.54U	30,000	8B	<5.2J	24	14,000	6900	390	<0.032J	17	<540U	<0.41J	<0.043U	<0.16U	10B	61B
Rear Parking Lot	SSHS-B65	4-6	8/14/2014	78	3500	<0.23U	32	150	<0.31J	<0.017U	9000	15B	<4.3J	65	30,000	1800	300	0.73	67	870	4.9	<0.091J	<0.83J	14B	42B
Rear Parking Lot	SSHS-B65	8-10	8/14/2014	28	6400	<0.26U	63	140	<0.22J	<0.018U	6000	14B	<4J	33	42,000	2500	200	<0.032J	35	1200	4	<0.052U	<0.19U	20B	39B
Rear Parking Lot	SSHS-B65	10-12	8/14/2014	15	6000	<0.22U	51	93	<0.15J	<0.015U	<540U	11B	<3.5J	22	44,000	1700	130	<0.026J	8.8	1400	2.7	<0.044U	<0.16U	15B	45B
Rear Parking Lot	SSHS-B66	0.17-2	8/14/2014	130	6400	<0.21U	7.8	70	<0.31J	<0.53U	14,000	16B	6.2	91	20,000	4200	360	0.046	52	560	<0.76J	<0.043U	<0.16U	12B	110B
Rear Parking Lot	SSHS-B66	2-4	8/14/2014	89	7000	<0.22U	12	100	<0.35J	<0.56U	13,000	17B	6.4	100	26,000	3300	430	0.082	48	640	1.1	<0.045U	<0.16U	15B	110B
Rear Parking Lot	SSHS-B66	6-8	8/14/2014	19	7700	<0.2U	7.2	61	<0.31J	<0.51U	31,000	12B	6.4	31	18,000	6100	320	<0.029J	22	740	<0.56J	<0.041U	<0.15U	13B	56B

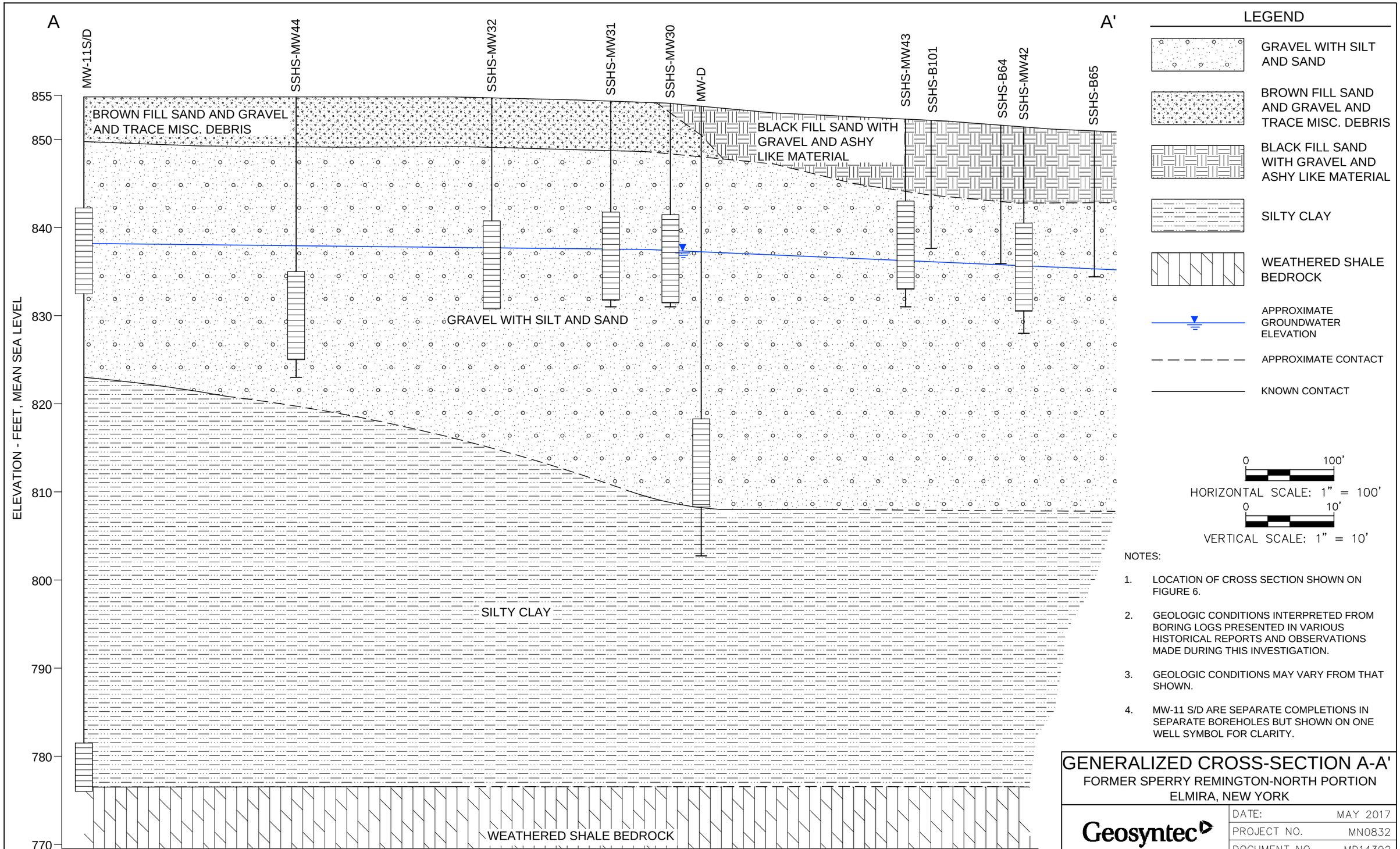
TABLE 8
Summary of Metals Results for Soils
Former Sperry Remington Site - North Portion
Elmira, New York

				Metals																			
				Lead	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (III+VI	Cobalt	Copper	Iron	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Thallium	Vanadium	Zinc
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.39	7.9	0.14	0.39	7.9	0.16	0.015	200	0.2	2	0.99	3.9	200	0.59	0.008	1.6	200	0.35	0.04	0.14	2	0.79
Restricted - Residential				400			16	400	72	4.3		110		270			2000	0.81	310		180	180			10000
Investigation Area	**Location**	**Depth Range (ft bgs)**	**Sample Date**																						
Rear Parking Lot	SSHS-B67	0.17-2	8/14/2014	590	8100	<0.93J	21	270	<0.39J	<0.53U	29,000	47B	12	980	38,000	4200	410	0.65	870	610	1.8	<0.39J	<0.16U	16B	250B
Rear Parking Lot	SSHS-B67	2-6	8/14/2014	220J	4900	<1.1UJ	83J	160	0.45	<0.016U	6100J	29J	5.8	210	39,000	2000J	290	0.85	160J	680	5.1	<0.045U	<0.32J	18B	120J
Rear Parking Lot	SSHS-B67	8-10	8/14/2014	11	5900	<0.23U	43	58	<0.2J	<0.016U	1500	11B	<3.5J	28	49,000	1500	100	<0.012U	9	890	1.3	<0.046U	<0.17U	14B	34B
Rear Parking Lot	SSHS-B67	10-12	8/14/2014	7.2	6400	<0.21U	49	82	<0.22J	<0.015U	990	11B	<3.3J	41	51,000	1600	110	<0.012U	8.7	810	<1J	<0.043U	<0.24J	13B	37B
Rear Parking Lot	SSHS-B68	0.17-2	8/14/2014	66	5600	<0.22U	8.9	82	<0.3J	<0.54U	16,000	14B	5.5	60	19,000	3400	310	0.06	40	<540U	<0.82J	<0.044U	<0.16U	11B	79B
Rear Parking Lot	SSHS-B68	2-6	8/14/2014	330	7600	<0.23U	8.9	120	<0.37J	<0.57U	18,000	17B	6.6	74	20,000	3800	350	0.08	53	600	<0.61J	<0.046U	<0.17U	13B	96B
Rear Parking Lot	SSHS-B68	6-8	8/14/2014	40	9800	<0.22U	7.6	57	<0.42J	<0.56U	8100	12B	7.8	35	20,000	3500	430	<0.032J	26	700	<0.65J	<0.045U	<0.16U	15B	63B
Rear Parking Lot	SSHS-B69	0.17-2	8/14/2014	15	6600	<0.22U	6.7	54	<0.32J	<0.55U	25,000	8.1B	6.5	20	16,000	4900	450	<0.025J	16	610	<0.51J	<0.044U	<0.16U	12B	57B
Rear Parking Lot	SSHS-B69	2-4	8/14/2014	1800	6800	<1.6J	28	240	<0.47J	<0.63U	7500	40B	7.8	340	44,000	1900	470	0.39	160	650	2.5	<0.26J	<0.3J	18B	200B
Rear Parking Lot	SSHS-B69	4-6	8/14/2014	72J	7100	<0.23J	19	100	<0.36J	<0.52U	7600	16J	6.2	100	25,000	2900	340	0.11	49	660	1.6	<0.046J	<0.15J	14B	110B

Notes:

EQL- Estimated Quantitation Limit
mg/kg - milligram per kilogram
ft bgs - feet below ground surface
U - Non-detect
* - ISTD response or retention time outside acceptable limits
N - Spiked sample recovery not within control limits
E - Reported value is estimated due to the presence of interference
J - Estimated value
J+ - Estimated value, positive bias
B - Detected in the method blank
F2 - MS/MSD RPD exceeds control limits
Concentrations detected above the Restricted Residential Soil Cleanup Objectives (SCOs) presented in 6 NYCRR Subpart 375 are shown in gray

Appendix B
Generalized Cross-Section A-A’



NOTES:

1. LOCATION OF CROSS SECTION SHOWN ON FIGURE 6.
2. GEOLOGIC CONDITIONS INTERPRETED FROM BORING LOGS PRESENTED IN VARIOUS HISTORICAL REPORTS AND OBSERVATIONS MADE DURING THIS INVESTIGATION.
3. GEOLOGIC CONDITIONS MAY VARY FROM THAT SHOWN.
4. MW-11 S/D ARE SEPARATE COMPLETIONS IN SEPARATE BOREHOLES BUT SHOWN ON ONE WELL SYMBOL FOR CLARITY.

GENERALIZED CROSS-SECTION A-A'

FORMER SPERRY REMINGTON-NORTH PORTION
ELMIRA, NEW YORK

Geosyntec consultants
COLUMBIA, MARYLAND

DATE:	MAY 2017
PROJECT NO.	MN0832
DOCUMENT NO.	MD14392
FILE NO.	0832f004–1
FIGURE NO.	7A

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Appendix C
Groundwater Sampling for Emerging Contaminants, April 2018

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 8
6274 East Avon-Lima Road, Avon, NY 14414-9516
P: (585) 226-5353 I F: (585) 226-8139
www.dec.ny.gov

Via E-mail

Mr. Kevin Krueger, PE
Unisys Corporation
Corporate Environmental Affairs
3199 Pilot Knob Road
Eagan, NY 55121

May 16, 2018

RE: Request for sampling of Emerging Contaminants
Former Sperry Remington – North Portion - BCP Site #C808022

Dear Mr. Krueger:

The New York State Department of Environmental Conservation (DEC) is undertaking a Statewide evaluation of remediation sites to better understand the risk posed to New Yorkers by 1,4-dioxane and per- and polyfluoroalkyl substances (PFAS). PFAS have historically not been evaluated at remediation sites, and 1,4-dioxane has not been evaluated at the levels that are now thought to represent a health concern. This initiative is being undertaken as a result of these “emerging contaminants” having been found in a number of drinking water supplies in New York. Accordingly, the DEC is requiring that you test site groundwater for these chemicals. To accommodate this requirement, a select number of existing monitoring wells, representative of the potential of the above-referenced site to be a source of these emerging contaminants, must be sampled. DEC recommends that at least one of these wells should be upgradient of the site.

The attached guidance provides information on the analytical methods and reporting requirements. A second guidance document describes special precautions that need to be considered when sampling for PFAS.

Please prepare a draft letter work plan that identifies the wells proposed for sampling, brief description of the sampling methods, and anticipated sampling date within the next 60 days. If you wish to discuss the scope of the requested water testing, please contact me at 585-226-5480 or timothy.schneider@dec.ny.gov.

Sincerely,

Timothy Schneider, P.E.
Professional Engineer 1

P. Brookner
A. Krasnopoler
B. Schilling
M. Cruden
B. Conlon
D. Hettrick
J. Deming

Groundwater Sampling for Emerging Contaminants

April 2018

Issue: NYSDEC has committed to analyzing representative groundwater samples at remediation sites for emerging contaminants (1,4-dioxane and PFAS) as described in the below guidance.

Implementation

NYSDEC project managers will be contacting site owners to schedule sampling for these chemicals. Only groundwater sampling is required. The number of samples required will be similar to the number of samples where "full TAL/TCL sampling" would typically be required in a remedial investigation. If sampling is not feasible (e.g., the site no longer has any monitoring wells in place), sampling may be waived on a site-specific basis after first considering potential sources of these chemicals and whether there are water supplies nearby.

Upon a new site being brought into any program (i.e., SSF, BCP), PFAS and 1,4-dioxane will be incorporated into the investigation of groundwater as part of the standard "full TAL/TCL" sampling. Until an SCO is established for PFAS, soil samples do not need to be analyzed for PFAS unless groundwater contamination is detected. Separate guidance will be developed to address sites where emerging contaminants are found in the groundwater. The analysis currently performed for SVOCs in soil is adequate for evaluation of 1,4-dioxane, which already has an established SCO.

Analysis and Reporting

Labs should provide a full category B deliverable, and a DUSR should be prepared by a data validator, and the electronic data submission should meet the requirements provided at: https://www.dec.ny.gov/chemical/62440.html ,

The work plan should explicitly describe analysis and reporting requirements.

PFAS sample analysis: Currently, ELAP does not offer certification for PFAS compounds in matrices other than finished drinking water. However, laboratories analyzing environmental samples (ex. soil, sediments, and groundwater) are required, by DER, to hold ELAP certification for PFOA and PFOS in drinking water by EPA Method 537 or ISO 25101.

Modified EPA Method 537 is the preferred method to use for groundwater samples due to the ability to achieve 2 ng/L (ppt) detection limits. If contract labs or work plans submitted by responsible parties indicate that they are not able to achieve similar reporting limits, the project manager should discuss this with a DER chemist. Note: Reporting limits for PFOA and PFOS should not exceed 2 ng/L.

PFAS sample reporting: DER has developed a PFAS target analyte list (below) with the intent of achieving reporting consistency between labs for commonly reportable analytes. It is expected that reported results for PFAS will include, at a minimum, all the compounds listed. This list may be updated in the future as new information is learned and as labs develop new capabilities. If lab and/or matrix specific issues are encountered for any particular compounds, the NYSDEC project manager will make case-by-case decisions as to whether particular analytes may be temporarily or permanently discontinued from analysis for each site. Any technical lab issues should be brought to the attention of a NYSDEC chemist.

Some sampling using this full PFAS target analyte list is needed to understand the nature of contamination. It may also be critical to differentiate PFAS compounds associated with a site from other

sources of these chemicals. Like routine refinements to parameter lists based on investigative findings, the full PFAS target analyte list may not be needed for all sampling intended to define the extent of contamination. Project managers may approve a shorter analyte list (e.g., just the UCMR3 list) for some reporting on a case by case basis.

1,4-Dioxane Analysis and Reporting: The method detection limit (MDL) for 1,4-dioxane should be no higher than 0.28 µg/l (ppb). ELAP offers certification for both EPA Methods 8260 and 8270. In order to get the appropriate detection limits, the lab would need to run either of these methods in "selective ion monitoring" (SIM) mode. DER is advising the use of method 8270, since this method provides a more robust extraction procedure, uses a larger sample volume, and is less vulnerable to interference from chlorinated solvents (we acknowledge that 8260 has been shown to have a higher recovery in some studies).

Full PFAS Target Analyte List

Group	Chemical Name	Abbreviation	CAS Number
Perfluoroalkyl sulfonates	**Perfluorobutanesulfonic acid**	**PFBS**	**375-73-5**
	Perfluorohexanesulfonic acid	**PFHxS**	**355-46-4**
	Perfluoroheptanesulfonic acid	PFHpS	375-92-8
	Perfluorooctanessulfonic acid	**PFOS**	**1763-23-1**
	Perfluorodecanesulfonic acid	PFDS	335-77-3
Perfluoroalkyl carboxylates	Perfluorobutanoic acid	PFBA	375-22-4
	Perfluoropentanoic acid	PFPeA	2706-90-3
	Perfluorohexanoic acid	PFHxA	307-24-4
	Perfluoroheptanoic acid	**PFHpA**	**375-85-9**
	Perfluorooctanoic acid	**PFOA**	**335-67-1**
	Perfluorononanoic acid	**PFNA**	**375-95-1**
	Perfluorodecanoic acid	PFDA	335-76-2
	Perfluoroundecanoic acid	PFUA/PFUdA	2058-94-8
	Perfluorododecanoic acid	PFDoA	307-55-1
	Perfluorotridecanoic acid	PFTriA/PFTrDA	72629-94-8
	Perfluorotetradecanoic acid	PFTA/PFTeDA	376-06-7
Fluorinated Telomer Sulfonates	6:2 Fluorotelomer sulfonate	6:2 FTS	27619-97-2
	8:2 Fluorotelomer sulfonate	8:2 FTS	39108-34-4
Perfluorooctane-sulfonamides	Perfluroroctanesulfonamide	FOSA	754-91-6
Perfluorooctane-sulfonamidoacetic acids	N-methyl perfluorooctanesulfonamidoacetic acid	N-MeFOSAA	2355-31-9
	N-ethyl perfluorooctanesulfonamidoacetic acid	N-EtFOSAA	2991-50-6

Bold entries depict the 6 original UCMR3 chemicals

Collection of Groundwater Samples for Perfluorooctanoic Acid (PFOA) and Perfluorinated Compounds (PFCs) from Monitoring Wells Sample Protocol

Samples collected using this protocol are intended to be analyzed for perfluorooctanoic acid (PFOA) and other perfluorinated compounds by Modified (Low Level) Test Method 537.

The procedure used must be consistent with the NYSDEC March 1991 Sampling Guidelines and Protocols http://www.dec.ny.gov/docs/remediation_hudson_pdf/sgpsect5.pdf with the following materials limitations.

At this time acceptable materials for sampling include: stainless steel, high density polyethylene (HDPE), PVC, silicone, acetate and polypropylene. Equipment blanks should be generated at least daily. Additional materials may be acceptable if pre-approved by NYSDEC. Requests to use alternate equipment should include clean equipment blanks. **NOTE: Grunfos pumps and bladder pumps are known to contain PFC materials (e.g. Teflon™ washers for Grunfos pumps and LDPE bladders for bladder pumps).** All sampling equipment components and sample containers should not come in contact with aluminum foil, low density polyethylene (LDPE), glass or polytetrafluoroethylene (PTFE, Teflon™) materials including sample bottle cap liners with a PTFE layer. Standard two step decontamination using detergent and clean water rinse will be performed for equipment that does come in contact with PFC materials. Clothing that contains PTFE material (including GORE-TEX®) or that have been waterproofed with PFC materials must be avoided. Many food and drink packaging materials and “plumbers thread seal tape” contain PFCs.

All clothing worn by sampling personnel must have been laundered multiple times. The sampler must wear nitrile gloves while filling and sealing the sample bottles.

Pre-cleaned sample bottles with closures, coolers, ice, sample labels and a chain of custody form will be provided by the laboratory.

1. Fill two pre-cleaned 500 mL HDPE or polypropylene bottle with the sample.
2. Cap the bottles with an acceptable cap and liner closure system.
3. Label the sample bottles.
4. Fill out the chain of custody.
5. Place in a cooler maintained at 4 ± 2º Celsius.

Collect one equipment blank for every sample batch, not to exceed 20 samples.

Collect one field duplicate for every sample batch, not to exceed 20 samples.

Collect one matrix spike / matrix spike duplicate (MS/MSD) for every sample batch, not to exceed 20 samples.

Request appropriate data deliverable (Category A or B) and an electronic data deliverable.

Appendix D
Quality Assurance Project Plan / Field Sampling Plan

Geosyntec consultants

engineers | scientists | innovators

Beech and Bonaparte engineering p.c.

an affiliate of Geosyntec Consultants

QUALITY ASSURANCE PROJECT PLAN (QAPP)/ FIELD SAMPLING PLAN (FSP)

FORMER SPERRY REMINGTON SITE – NORTH PORTION
777 SOUTH MAIN STREET
CITY OF ELMIRA, CHEMUNG COUNTY, NY
NYSDEC PROJECT 808022

Prepared for
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Project Number MN0832E

September 2018

Agency Review Draft

QUALITY ASSURANCE PROJECT PLAN (QAPP)/
FIELD SAMPLING PLAN (FSP)
REMEDIAL INVESTIGATION WORK PLAN
FORMER SPERRY REMINGTON SITE – NORTH PORTION
NYSDEC PROJECT 808022

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ABBREVIATIONS AND ACRONYMS

°C	degrees Celsius
CFR	Code of Federal Regulations
CLP	EPA Contract Laboratory Program
COC	chain-of-custody
COPCs	constituent of potential concern
CSM	conceptual site model
DO	dissolved oxygen
DOT	Department of Transportation
DPT	direct push technology
DQO	data quality objectives
DRO	diesel range organics
DUSR	data usability summary report
EDD	electronic data deliverable
EIMS	environmental information management system
EM	electromagnetic
FID	flame ionization detector
ft	feet
ft bgs	feet below ground surface
FSP	Field Sampling Plan
GPR	ground-penetrating radar
GPS	global positioning system
GRO	gasoline range organics
HASP	health and safety plan
HVS	High Volume Sampling
ID	identification
IDM	investigation derived material
in Hg	inches of mercury
LCD	laboratory control duplicate
LCS	laboratory control sample
LPM	laboratory project manager
MDL	method detection limit
MS	matrix spike
MSD	matrix spike duplicate
NAD 83	north america datum 1983
NAVD88	north america vertical datum 1988
NIST	National Institute for Standards and Testing
NTU	nephelometric turbidity unit
NYSDEC	New York State Department of Environmental Conservation
ORP	oxidation-reduction potential
PAOC	potential areas of concern

ABBREVIATIONS AND ACRONYMS (CONTINUED)

PARCCS	precision, accuracy, representativeness, comparability, completeness, and sensitivity
PCBs	polychlorinated biphenyls
PPE	personal protective equipment
PID	photoionization detector
RL	reporting limit
TAL	target analyte list
TCL	target compound list
QA	quality assurance
QAM	quality assurance manager
QAPP	Quality Assurance Project Plan
QC	quality control
RI	remedial investigation
RL	reporting limit
RPD	relative percent difference
SSHS	Southside High School
SOPs	Standard Operating Procedures
SPT	standard penetration testing
SVOCs	semi-volatile organic compounds
TPH	total petroleum hydrocarbons
USEPA	United States Environmental Protection Agency
VOA	volatile organic analysis
VOC	volatile organic compound
%	percent
$\mu g/m^3$	micrograms per cubic meter

1. INTRODUCTION

This Quality Assurance Project Plan (QAPP)/Field Sampling Plan (FSP) was prepared by Geosyntec Consultants (Geosyntec) to present the quality assurance/quality control (QA/QC) measures and describe methods and procedures that will be followed during completion of the remedial investigation (RI) activities for the Former Sperry Remington Site – North Portion #808022 (Site) on the property of Elmira High School (EHS) located at 777 South Main Street in Elmira, Chemung County, New York. This QAPP/FSP was developed using the guidelines presented in United States Environmental Protection Agency (USEPA), *Requirements for Quality Assurance Project Plans, EPA Quality Assurance/R-5* (USEPA, 2001) and the guidance presented in the New York State Department of Environmental Conservation (NYSDEC) DER-10 *Technical Guidance for Site Investigation and Remediation* (NYSDEC, 2010).

This plan provides direction for field activities associated with the Site-wide RI, which include: i) soil investigation, including direct push technology (DPT) sampling; and ii) a groundwater investigation, including well installation, development, inspection and sampling events. The sampling program was designed to document waste disposal at the Site as it relates to the potential areas of concern (PAOCs), historical information and new findings.

This QAPP/FSP has been developed using the graded approach set forth in EPA QA/R5. This QAPP/FSP provides the quantitative data quality objectives (DQOs) that will be met for each project task. The overall task specific DQOs will be described in each project specific task work plan as they are developed. This QAPP/FSP is meant as the generic document under which each task is performed and applies for the duration of the on-site sampling program. This QAPP/FSP will be reviewed and updated as application specific information becomes known or is complete.

The project QAPP/FSP will be required reading for all members of the project team participating in sample collection, will be in the possession of all field teams, and will be distributed to laboratories performing analytical work associated with the Site-wide RI. This document has been developed to ensure that data acquired during the RI are thoroughly documented, verifiable, and defensible, and that the quality of the data meets requirements for its intended use. Project QA objectives and QC requirements have been used to develop the DQOs described in the following sections for acquiring valid usable data. Criteria for data quality were established in terms of the precision, accuracy, representativeness, comparability, completeness, and sensitivity (PARCCS) parameters. This QAPP/FSP outlines the sampling strategy and establishes field procedure requirements.

1.1 Project Objectives/Problem Definition

This QAPP/FSP pertains to investigation activities described in the Site-wide RI Work Plan. The general purpose of the RI Work Plan is to i) delineate the areal and vertical extent of chemicals of

potential concern (COPCs) in all media at or emanating from the Site, ii) determine the surface and subsurface characteristics of the site, including topography, geology and hydrogeology, including depth to groundwater, iii) identify the sources of COPCs, the migration pathways, and actual or potential receptors of COPCs on or through the air, soil, bedrock, sediment, groundwater, surface water, utilities, and structures at the Site, without regard to property boundaries; and iv) collect and evaluate data necessary for a fish and wildlife resource impact analysis. The specific objectives include the following:

- Collect analytical data to characterize AOCs for COPCs;
- Collect analytical data to characterize the nature and extent of COPCs in environmental media at the Site;
- Collect analytical data to characterize the nature and extent of COPCs emanating from the Site;
- Supplement and verify existing information on the environmental setting and COPCs;
- Collect data describing human populations and environmental systems that may be susceptible to exposure to COPCs at the Site;
- Collect groundwater data to characterize the stability of COPCs in the groundwater; and
- Specific objectives by media, AOC, potential exposure route.

1.2 Project Organization

The primary project team assembled to oversee, direct and complete the investigation activities at the Site consists of personnel from Geosyntec. Geosyntec will be responsible for development of the projects technical direction, supervision and implementation of investigation activities including oversight of subcontractors, data management, and data quality assessment. The project team and corresponding projects roles are summarized below:

- Unisys Corporation Project Manager, Kevin Krueger, P.E. Mr. Krueger is primarily responsible for the project direction and decisions concerning technical issues and strategies, budget and schedule.
- Project Director, Paul Brookner, P.G., Geosyntec. Mr. Brookner will provide strategic direction to the project team as well as oversight and guidance during project execution. He will also verify that adequate resources are available, and client expectations are met.
- Project Manager, Aron Krasnopoler, Ph.D., P.E., Geosyntec. Dr. Krasnopoler has responsibility for technical, financial, and scheduling matters and overall management of the project.

- RI Task Manager, Eric Tollefsrud, Geosyntec. Mr. Tollefsrud has responsibility for technical, financial, and scheduling matters and overall management of the RI-related activities.

- Field Activities Manager, Matt Schallinger, Geosyntec. Mr. Schallinger has the overall responsibility for completion of field activities in accordance with the Work Plan and QAPP/FSP and is the communication link between the Geosyntec Project Manager and the field team.

- Quality Assurance Manager (QAM), Julia Caprio Geosyntec. Ms. Caprio will have the overall responsibility for QA. Ms. Caprio or her designee will communicate directly to the Geosyntec Project Manager and Laboratory Manager on matters pertaining to QA, data validation, and laboratory analyses.

- Health and Safety Officer, Matt Schallinger, Geosyntec. Mr. Schallinger will be responsible for safely implementing field activities and ensuring that they comply with the Site Health and Safety Plan (HASP).

- Analytical Laboratories, TestAmerica Pittsburgh Laboratory. The TestAmerica Pittsburgh Laboratory will be responsible for solid and water sample analyses for the project. The laboratory will ultimately be responsible for the data produced and will ensure that laboratory data are generated in compliance with this QAPP/FSP, NYSDEC Analytical Services Protocols, internal laboratory procedures, and other applicable guidance.

- Subcontractors. Geosyntec will procure various subcontractors to implement the Work Plan scope of work. The subcontractors will include a subsurface utility locator/clearer, land surveyor, and driller. The subcontractors are responsible for conducting the work in accordance with the Work Plans, contractual agreements and for communicating any issues concerning the budget, schedule, or achievement of the technical specifications to the Geosyntec Field Team Leader.

Resumes for Geosyntec personnel identified above are provided for reference in **Appendix A**.

1.3 QAPP Revision or Amendment

It is expected that the procedures outlined in this QAPP/FSP will be followed. However, procedural modifications may be warranted depending on field conditions, equipment limitations, or limitations imposed by the procedure(s). Modification to this QAPP/FSP will be approved in advance by the Project Manager and the QAM. Deviations from the QAPP/FSP will be documented.

2. DATA QUALITY OBJECTIVES AND CRITERIA

DQOs are qualitative and quantitative statements that clarify the project objectives, specify the most appropriate type of data for the project decisions, determine the most appropriate conditions from which to collect data, and specify tolerable limits on decision errors. The DQO process is a series of planning steps based on scientific methods that are designed to ensure that the type, quantity, and quality of environmental data used for decision-making are appropriate for the intended application. In addition to the project objectives, the DQOs specify data collection boundaries and limitations, the most appropriate type of data to collect, and the level of decision error that will be acceptable for the decision. This section describes the outcome of the DQO process for data collection activities to be conducted at the Site.

2.1 Data Quality Objectives for Measurement Data

The overall quality objective of the project is to provide valid data of known and documented quality from environmental media (soil and groundwater) to adequately characterize the AOCs and refine the conceptual site model (CSM).

Section 3 of the RI Work Plan details the overall scope of work that will be undertaken. During the investigation, laboratory analyses of environmental samples will serve as a primary source of data. In addition, the following field activities will generate supporting data:

- Field instrument (photoionization detector and/or flame ionization detector) screening of soil samples;
- Field analysis of groundwater quality parameters (pH, specific conductance, oxidation reduction potential, dissolved oxygen, and turbidity) during monitoring well purging; and
- Visual inspection and documentation of observed conditions.

Tables 1 and 2 summarize the environmental screening criteria for solid and aqueous samples, respectively, that will be used as the basis for evaluating analytical data from the RI.

2.2 Project Quality Assurance/Quality Control Objectives

Data from certified laboratory analyses of field samples will serve as the primary basis for reaching final conclusions from the RI. These data will be derived through standard methods and will be assessed against the PARCCS parameters listed below using appropriate methods and field and laboratory QC samples to determine their usability for meeting the DQOs in this QAPP/FSP. The QC criteria are defined in this section, along with analytical methods and project-required reporting limits (RLs).

2.2.1 Precision

Precision refers to the reproducibility or degree of agreement among duplicate measurements of a single analyte. The closer the numerical values of the measurements, the more precise the measurement. Poor precision stems from random errors (i.e., mechanisms which can cause both high and low measurement errors at random). Precision is usually stated in terms of standard deviation, but other estimates, such as the coefficient of variation (relative standard deviation), range (maximum value minus minimum values), and relative range are common, and may be used pending review of the data.

Precision will be determined through the collection of field duplicates and the analysis of laboratory duplicates, matrix Spike (MS)/matrix spike duplicate (MSD) and laboratory control sample (LCS)/laboratory control sample duplicate (LCSD) pairs for the work performed at the Site. The overall precision of measurement data is a mixture of sampling and analytical factors. Sampling precision will be measured through the laboratory analysis of field duplicate samples. Laboratory precision will be measured through the analysis of laboratory duplicates, MS/MSD and LCS/LCSD pairs.

Precision will be determined from replicate samples and will be expressed as the relative percent difference (RPD) between replicate/duplicate sample results, computed as follows:

$$RPD = \frac{X_1 - X_2}{(X_1 + X_2)/2} \times 100$$

where X_1 and X_2 are reported concentrations for each replicate sample and subtracted differences represent absolute values. For field duplicates, the precision goals for this project are as follows:

(i) RPD = 50% for solid samples if both results are greater than five times the quantitation limit; and

(ii) RPD = 30% for liquid samples if both results are greater than five times the quantitation limit.

RPD values are shown in Tables 1 and 2 for MS/MSD and LCS/LCSD results for solid and aqueous matrices. For laboratory duplicate analysis, the default laboratory RPD goals will be used.

2.2.2 Accuracy

Accuracy refers to the degree of difference between measured or calculated values and the true value. The closer the numerical value of the measurement comes to the true value, or actual concentration, the more accurate the measurement. The converse of accuracy is bias, in which a systematic mechanism tends to consistently introduce errors in one direction or the other. Bias in environmental sampling can occur in one of three ways; these mechanisms and their associated diagnostic and management methods are as follows:

- High bias, which can stem from cross-contamination of sampling, packaging, or analytical equipment and materials. Cross-contamination is monitored through blank samples, such as equipment blanks, field blanks, trip blanks, filter blanks, and method blanks. These samples assess the potential for cross-contamination from, respectively, sampling equipment, ambient conditions, packaging and shipping procedures, field filters, and laboratory equipment. Data validation protocols described in Section 5 present a structured approach for data qualification based on blank samples.

- Low bias, which can stem from the dispersion and degradation of target analytes; an example is the volatilization of chlorinated solvents during field sampling. The effects of these mechanisms are difficult to quantify. Sampling accuracy can be maximized, however, by the adoption and adherence to a strict field QA program. Specifically, sampling procedures will be performed following standard protocols described in Section 3; for example, eliminating headspace in sampling vials for Volatile Organic Compounds (VOCs) will reduce the potential for dispersion of VOCs during sampling. Through regular review of field procedures, deficiencies will be documented and corrected in a timely manner.

- High or low bias, due to poor recoveries, poor calibration, or other system control problems. The effects of these mechanisms on analytical accuracy may be expressed as the percent recovery of an analyte that has been added to the environmental sample at a known concentration before analysis. Analytical accuracy and bias in the laboratory will be determined through the analysis of method blanks, LCSs and MS/MSDs and surrogates as applicable. As with blank samples, data validation protocols provide a structured formula for data qualification based on erroneously high or low analyte recoveries.

Accuracy, when potentially affected by high or low recoveries as described in the third bullet above, is presented as percent recovery (%R), defined as:

$$\%R = \frac{Measured\ Value}{True\ Value} \times 100\%$$

Laboratory control limits will be used to evaluate accuracy and are shown in Tables 1 and 2 for solid and aqueous matrices.

2.2.3 Representativeness

Representativeness qualitatively expresses the degree to which the sample collection and analytical protocols adequately reflect the environmental conditions present at the sampling location. If the results are reproducible, the data obtained can be said to represent the environmental condition. Representativeness is ensured by collecting sufficient numbers of samples of an environmental medium, properly chosen with respect to place and time. The precision of a representative set of

samples reflects the degree of variability of the sampled medium, as well as the effectiveness of the sampling techniques and laboratory analysis. The sampling network is expected to provide data representative of the soil and groundwater conditions in specific areas of concern at the Site. Representativeness in the laboratory is ensured by using the proper analytical procedures, attaining the quantitative DQOs, and meeting sample holding times.

2.2.4 Comparability

Comparability expresses the confidence with which one data set can be compared to another data set measuring the same property. Comparability is ensured using established and approved analytical methods, consistency in the basis of analysis (e.g., wet weight, volume, etc.), consistency in reporting units, and analysis of standard reference materials. By using standard sampling and analytical procedures, data sets will be comparable.

2.2.5 Completeness

Completeness is defined as the percentage of measurements made which are judged to be valid measurements. The completeness goal is essentially the same for all data uses in that sufficient amounts of valid data are to be generated.

There are limited historical data on the completeness achieved by individual methods. However, the USEPA Contract Laboratory Program (CLP) data have been found to be 80 to 85 percent complete on a nationwide basis.

The percent completeness for each set of samples will be calculated as follows:

$$\%Completeness = \frac{Valid\ Data}{Total\ Data\ Planned} \times 100\%$$

The QA objective for completeness for all parameters will be 90 percent.

2.2.6 Sensitivity and Reference Limits

Sensitivity is the capability of a test or instrument to discriminate between measurement responses representing different levels (e.g., concentrations) or a variable interest. Reference limits for analyses conducted by the certified laboratory include method detection limits (MDLs) and reporting limits (RLs).

MDL is a statistically determined concentration using a specific number of spiked samples in some cases a specific number of method blanks. It is the minimum concentration of a substance (analyte) that can be measured and reported with 99 percent (%) confidence that the analyte is present at a concentration greater than zero as determined from the analysis of a sample in a given matrix containing the analyte. The MDL is generally lower than the concentration at which the laboratory

can quantitatively report. Accordingly, sample results greater than the MDL but less than the RL will be laboratory qualified as "estimated."

The ***RL*** is the minimum concentration of an analyte or category of analytes in a specific matrix that can be identified and quantified within specified limits of precision and bias during routine analytical operating conditions. The laboratory selects the RL for analytes at concentration levels that exceed the calculated MDLs by a factor of 3 to 10 and are within the method calibration range. Frequently, RLs for specific samples are adjusted for dilution, changes to sample volume/size and extract/digestate volumes, percentage solids, and cleanup procedures.

The MDLs and RLs for this project for both solid and aqueous sample matrices are presented in **Tables 1 and 2**, respectively.

2.2.7 Analytical Methods

The analytical laboratory selected for this project will be the TestAmerica Laboratories at Pittsburgh, Pennsylvania and North Canton, Ohio. Those two laboratories are certified by New York State through the National Environmental Laboratory Accreditation Program (NELAP) for all of the analytical methods required for the project. Laboratory analytical methods used to analyze field samples will include the following analyses:

- Target Compound List (TCL) VOCs – SW-846 method 8260C (solid and water) including 10 VOC of highest concentration tentatively identified compounds (TICs).
- TCL Semi-Volatile Organic Compounds (SVOCs) – SW-846 method 8270D (solid and water) including 20 highest concentration TICs.
- Polychlorinated Biphenyls (PCBs) – SW-846 method 8082A (solid and water).
- Target Analyte List (TAL) Metals Except Mercury – SW-846 method 6010C (solid and water)
- Mercury – SW-846 method 7471B for soil and 7470A for water.

3. DATA GENERATION AND ACQUISITION

3.1 Overview

This section describes the sampling strategies and field procedures that will be implemented to support the RI to provide data required to meet the DQOs described in Section 2. Environmental measurements to be obtained during implementation of the RI include the following:

- data from observations and screening conducted during soil sampling via hand auger or DPT;
- water level data and integrity inspections from Site monitoring wells;
- data from screening and analysis of samples of the following media:
    - soil samples collected via hand auger or DPT; and
    - groundwater samples from existing and newly installed groundwater monitoring wells;

In addition, the following activities will be conducted in support of the RI:

- work necessary to clear planned sampling locations for underground utilities and structures;
- land surveying to obtain sample location coordinates and elevations;
- decontaminating of field equipment;
- sampling (if necessary) and managing investigative derived materials (IDM).

The strategy and procedure for each of these items is addressed in the remainder of this section. In addition, analytical parameters, field and laboratory QC strategies, equipment testing, inspection, and maintenance, inspection and acceptance of supplies and consumables, and non-direct measurements are discussed in this section.

3.2 Special Training and Certification

3.2.1 Health and Safety Training

All field activities will be performed by individuals with appropriate training (i.e., Code of Federal Regulations [CFR] 1910.120) and in accordance with the site-specific HASP). Before field activities commence, the site-specific HASP shall be reviewed and signed by all Geosyntec personnel conducting field work.

3.2.2 Subcontractor Training

All subcontractors performing work during the investigation will be required to conduct all activities in accordance with applicable health and safety regulations (e.g., CFR 1910.120) and site-specific requirements. A copy of the HASP will be provided to each subcontractor. However, subcontractors will be responsible for the health and safety of their personnel while working at the Site. Each day before work commences, a tailgate health and safety meeting shall be conducted by the contractor field team lead.

3.3 Sampling Process Design

The basis for the development of the RI scope of work is described in the Work Plan and subsequent addenda (if any). Laboratory analyses of soil and groundwater samples will serve as the primary source of data to support the completion of the investigation. Field screening and analysis will be used to assist in the conceptual characterization of Site conditions and to direct the collection of samples for laboratory analysis.

3.4 Field Methods and Procedures for Data Collection

This section describes the procedures that will be implemented to collect data during implementation of the Work Plan. It includes a description of the procedures for field collection, analysis, and handling of soil and water samples. All field activities will be carried out in accordance with this QAPP/FSP and the project HASP.

3.4.1 Surface Soil Sampling

To obtain the required surface soil samples (i.e., 0 to 2 inches below ground surface [bgs]), the following procedures shall be used:

- Obtain appropriate laboratory prepared sample containers prior to sampling and don appropriate level of Health and Safety according to the approved HASP.
- Mobilize to sampling location.
- Cut a small section of sod from sampling location and lay to side.
- Laydown plastic sheeting over the sampling location. Cut a hole in plastic sheeting large enough to allow the sampling tools to pass.
- Using a hand auger, excavate a hole in the soil approximately two (2) inches deep Alternative methods such as utilizing a decontaminated shovel, trowel, spatula, or dedicated (disposable) scoop may also be used.

- A geologist or their designee will be responsible for geologic logging of all soil, to maintain consistency. Soil will be visually inspected to record details of the color, texture, moisture, density, cohesion, plasticity and any indication of staining or obvious odor, and digital photographs will be taken.

- Scan the segments at minimum depth intervals using a photoionization detector (PID) or flame ionization detector (FID).

- If applicable, collect VOC grab soil sample using a terra core sampling kit as soon as possible before homogenizing.

- For remaining analytes, place soil sample in a mixing container (decontaminated stainless bowl or sealable plastic bag) and homogenize the sample with decontaminated stainless-steel spoons or other appropriate mixing device.

- Once homogenized, place soil in laboratory provided sample containers for shipment to and analysis at the laboratory.

- Follow the sample handling and labeling procedures outlined in Section 3.7 and 3.8 of this document.

- Abandon two (2) inch deep hole to ground surface with commercially available topsoil. Replace sod and apply tap water.

- Obtain location coordinates from hand-held global positioning system (GPS) instrument, and mark location on enlargement of sampling site specific map.

- Complete field forms and enter sampling and location information in the bound field book as outlined in Section 3.8.5 in this document.

- Decontaminate sampling equipment as outlined in Section 3.5.5.

- Manage IDM as outlined in Section 3.5.5.

3.4.2 Subsurface Soil Sampling

Subsurface soil sampling will be conducted using either hand auguring methods or DPT, depending on access to the boring location by the DPT equipment. Between sampling locations, all reusable equipment will be cleaned prior to sample collection to prevent cross-contamination of samples. For direct push boreholes, a continuous soil core will be collected starting from ground surface. With hand auguring, the borehole will be advanced until the desired sample depth is reached.

Soil cores will be visually logged for soil type, and inspected for staining, debris or other evidence of anthropogenic materials. The soil cores will be additionally screened for soil vapors using a PID and/or FID. Following the field screening, soil samples will be collected from soil cores as several subsamples from select segments. Each soil core will be divided into three (3) segments: 0-2 inches bgs, 1-2 feet (ft) bgs, and 2-3 ft bgs. Irrespective of the sampling location, each soil core segment sample will be collected from material exhibiting the highest PID/FID readings (if applicable), visual observation, or the presence of odors. If PID/FID readings are not higher than background and no staining or odors are observed, the sample will be collected from the middle of each segment.

Specific procedures for planned soil sampling activities via DPT are provided below.

- Obtain appropriate laboratory prepared sample containers prior to sampling and don appropriate level of Personal Protective Equipment (PPE) as described in the HASP.

- Mobilize DPT rig to the sampling location. During mobilization to sampling locations on the football field and other sensitive grassy areas the drilling rig must be moved on plywood or similar material to prevent damage (e.g. rutting) to the ground surface. The DPT rig will not be allowed to directly touch the ground surface in sensitive areas.

- After mobilization, cut a small section of sod from sampling location and lay to side.

- Laydown plastic sheeting over the sampling location. Cut a hole in plastic sheeting large enough to allow the drill tooling to pass.

- Drive the decontaminated soil probe to the desired terminal depth, collecting soil cores into the acetate liner placed within the core barrel sampler. Remove soil core barrel and associated rod from borehole and remove soil sample within acetate liner. The acetate liner will be cut with a utility knife to observe, log, and record lithology.

- A geologist or designee will be responsible for geologic logging of all soil cores, to maintain consistency. Soil cores will be visually inspected to record details of the color, texture, moisture, density, cohesion, plasticity and any indication of staining or obvious odor, and digital photographs will be taken.

- Divide the soil core into the desired sample depth segments noted above.

- Scan the segments at minimum depth intervals using a PID or FID.

- If applicable, collect VOC grab soil samples directly from the acetate liners using a terra core sampling kit. The samples will be collected from the depth interval with the highest PID/FID reading or in the central portion of the segment if elevated readings are not observed.

- For remaining analytes, use decontaminated stainless steel or dedicated plastic scoops (or equivalent decontaminated or dedicated sampling tools) to remove soil from acetate liners from the desired depth interval in each segment.

- Place soil sample in a mixing container (decontaminated stainless bowl or sealable plastic bag) and homogenize the sample with decontaminated stainless-steel spoons or other appropriate mixing device.

- Once homogenized, place soil in laboratory provided sample containers for shipment to and analysis at the laboratory.

- Follow the sample handling and labeling procedures outlined in Section 3.7 and 3.8 of this document.

- To collect soil samples below the first interval, place a decontaminated soil collection barrel and cutting shoe with a new acetate liner in the open bore-hole and drive probe to collect the next soil interval.

- These steps are repeated until the desired maximum sample depth is reached or probe refusal is reached (point where probe will not penetrate soils due to obstruction and/or hard material).

- To abandon, fill open borehole with bentonite chips to within 2-inches of the ground surface. Fill remainder of borehole from 2-inches to the ground surface with commercially available topsoil. Replace sod and apply tap water.

- Obtain location coordinates from hand-held global positioning system (GPS) instrument, and mark location on enlargement of sampling site specific map.

- Complete field forms and enter sampling and location information in the bound field book as outlined in Section 3.8.5 in this document.

- Decontaminate sampling equipment as outlined in Section 3.5.5.

Manage IDM as outlined in Section 3.5.5.

3.4.2.1 Soil Recovery Protocol

Recovery of apparently less than 100 percent of sample soil from advanced DPT rods can be expected when sampling subsurface soil, for a variety of reasons. Low recoveries may arise due to refusal in the subsurface from large cobbles or boulders, voids or inherently loose material. It is also possible to retrieve apparently less than full recovery due to the compaction or compression of sample in the liner as it is advanced through material layers of differing densities and textures. Lower than anticipated recovery does not invalidate the sample but needs to be considered in terms

of project objectives. The following protocol will be applied to each retrieved sample liner as a best practice for addressing soil recoveries in manner that meets project objectives and provides usable data.

First, the length of the retrieved sample will be measured to the nearest 0.1 feet and compared to the length of the sample interval. When the retrieved sample is greater than 50% of the length of the sample interval, no further assessment is needed. When the retrieved sample is less than 50% of the length of the sample interval, the following assessment will be made:

1) Assess the base of the sample for the presence of material (gravel, cobble, etc.) as large as the diameter of the sampling device. Where this is observed, the finding will be that the material beneath this depth was compacted into underlying soil and not retrieved. In this case, step off the original borehole six to twelve inches, reset the drill rods and advance the cutting shoe to the beginning of the sample interval. Push the required distance to obtain the sample from the desired interval. Multiple step offs may be required to obtain a satisfactory recovery. Another option under this scenario is to use a large diameter core barrel (e.g., two-and-three-quarters [2 ¾] inch).

2) If no large material is found in the liner, the finding will be that material either has been compressed or has not been retained. To resolve which is more likely than not to be the condition, an assessment will be made of the texture of the retrieved sample. If the sample is predominantly fine-grained material, the finding will be that the material has been compressed in the sample liner. In this case, the sample will be apportioned equally among intended target sample intervals. If insufficient sample quantity is available, it may be necessary to step off the original borehole, reset the drill rods and resample the desired interval to obtain sufficient sample quantity.

3) If no large material is found in the liner but the sample is predominantly coarse-grained material, the finding will be that the material has not been retained in the sample liner. A sample catch basket at the front end of the advancing rods will be used to help retain the sample in the sleeve and prevent material from falling out of the sleeve during retrieval. Another option if collapsing conditions are encountered is to employ the use of a dual tube sampler where an inner and outer tube are advanced together throughout the sampling interval. In this case, the outer tube is used for stabilization and the inner tube is for sample recovery. This method will prevent borehole collapse and prevent material from upper intervals falling to the bottom of the borehole.

3.4.3 Monitoring Well Inspection and Synoptic Water Level Measurements

Prior to groundwater sampling, an attempt to locate the monitoring wells identified in the Work Plan will be made and, if successfully located, will be visually inspected for integrity. If possible, the depth to water level in each well will be measured from a reference point on the inner well

casing to the nearest 0.01-feet using a clean electronic water level monitoring meter. The specific procedures to be used for each well are presented below:

- Navigate to the monitoring well location and locate the monitoring well.
- Once located, open the well casing and note the condition of the well casing, concrete pad, and overall condition of the monitoring well. Take a photograph of the monitoring well.
- Determine the location of the surveyed elevation mark. For monitoring wells, general markings include either a notch in the riser pipe or a permanent ink (generally black ink) mark on the riser pipe.
- Obtain a water level measurement from the surveyed elevation mark by lowering the water level probe down the well until the audible sound of the unit is detected or the light on an electronic sounder illuminates indicating that the probe is below the water. The precise measurement should be determined (to nearest 0.01 feet) by repeatedly raising and lowering the tape to converge on the exact measurement.
- Measure the depth to the bottom of the well by continuing to lower the water level probe down the well until slack is noted in the tape. The precise measurement should be determined (to nearest 0.1 feet) by repeatedly raising and lowering the tape to converge on the exact measurement. It should be noted, based on the response and feeling of the water tape during repeated measurements, whether the well has a soft or hard bottom.
- Record the water level and depth to bottom measurement as well as the location identification number, date, time, and weather conditions in the field logbook and/or field form.
- Decontaminate the water level probe as discussed in Section 3.5.5. Generally, only that portion of the tape that enters the water table needs to be decontaminated.

3.4.4 Low-Flow Groundwater Sampling

Samples will be collected from existing and newly installed groundwater monitoring wells identified in the Work Plan using low-flow sampling protocols. Purging of the groundwater will be performed at relatively low flow rates (between 0.1 and 0.5 liters per minute) in order to minimize drawdown of the surrounding water table and minimize stress on the formation. Water purged from the wells will be monitored for the following water quality field parameters: temperature, pH, specific conductivity, dissolved oxygen (DO), oxidation-reduction potential (ORP), and turbidity to document changes in water quality. Samples will be collected when three consecutive readings indicate stability in the field parameters. The procedures to be followed during groundwater sampling are:

- Obtain appropriate laboratory prepared sample containers prior to sampling and don appropriate level of PPE as described in the HASP.

- Obtain a depth to water measurement with either an interface probe or a water line.

- Install a decontaminated stainless-steel submersible pump with clean polyethylene tubing to purge the wells. The submersible pump should be set to the midpoint of the screened interval or in the case of an open borehole to the midpoint of the water column. For dedicated tubing- attach pump discharge tubing to the flow through cell.

- Operate the pump at a low flow rate (between 0.1 and 0.5 liters per minute). Use a graduated cylinder or other graduated container to estimate the flow rate. Adjust pump settings to achieve desired flow rate that also minimizes drawdown of the initial water level (i.e., <0.3 feet [ft] of the initial water level).

- Purge water and other IDM generated during groundwater sampling will be managed as outlined in Section 3.5.5.

- Water quality field parameters, using a calibrated water quality meter (see below) will be recorded every three to five minutes or each time the internal volume of the flow cell is replaced with water during purging. Additionally, color, clarity and any noticeable odors will be documented. Water will continue to be purged from the wells until the drawdown of water level has stabilized and three consecutive measurements have stabilized according to the following criteria:

    - pH, ± 0.1;
    - temperature, ± 10%;
    - specific conductivity, ±3%;
    - ORP, ± 10 millivolts
    - DO, ± 10%; and
    - turbidity, ± 10% or < 10 nephelometric turbidity units (NTUs)

- Field water quality measurements will be obtained using calibrated portable instruments capable of measuring DO, ORP, pH, temperature, turbidity, and specific conductance. The water quality meter will be calibrated as discussed in Section 3.5.4. Results will be recorded as follows: DO to the nearest 0.1 milligrams per liter (mg/L), ORP to the nearest 0.1 millivolt (mV), specific conductance to the nearest 1 microSiemens per centimeter (µS/cm), turbidity to the nearest 0.1 NTU, pH to the nearest 0.1 pH unit, and temperature to the nearest 1 degree Celsius (°C). If applicable, the membrane on the DO probe will be periodically checked for integrity and will be replaced according to manufacturer's specifications if it is found to be torn or if air bubbles are distinguishable under the membrane. Results of manufacturer-recommended calibration checks and any maintenance conducted on the field measurement instrument will be recorded in the field logbook or on a field data sheet as discussed in Section 3.8.5.

- Put on disposable nitrile sampling gloves prior to procuring sample. Immediately following purging activities (after the groundwater has reached stabilization), laboratory-provided sample containers (with the appropriate type and volume of preservative) will be filled directly from the sample pump discharge tube while maintaining the flow rate established during purging to minimize any potential agitation of the groundwater. Care should be taken as to not allow the tubing to the touch the inside of the sample container during filling. VOCs and TPH-GRO samples shall be collected first. Those sample analytes will be collected in 40-mL glass vials with no head space. Carefully, but quickly, slip the cap with the septum onto the vial with the Teflon™ face of the septum towards the water. Tighten the cap securely, invert the vial and tap the cap to assure that there are no air bubbles inside. If bubbles are present, open vial, add a few more drops of sample water and reseal. Following VOC and TPH-GRO sampling, sample bottles will be filled for the other desired analytes. Care should be taken such that the tubing is not allowed to touch the sample bottle and such that preservative (if present) is not washed out of the sample bottle.

- Follow the sample handling and labeling procedures outlined in Section 3.7.3 and 3.7.4 of this document.

- Check to make sure the vial caps are tight and then place on ice immediately.

- Complete field forms and enter sampling information in the bound field book as outlined in Section 3.8.5 in this document.

- Decontaminate sampling equipment as outlined in Section 3.5.5.

3.4.5 Split Spoon Collection

Split spoons will be used to collect lithologic data during monitoring well installations. The lithology will be documented intermittently by inserting the spoons from 0-2 feet bgs and every five feet thereafter. The standard procedure for using split spoons follows below.

- Don appropriate PPE including sampling gloves as specified by the HASP.

- Obtain decontaminated standard split-spoon (24 or 60 inches long by 1.5 inches inside diameter).

- Obtain soil samples by inserting the split spoon samplers ahead of the air rotary or hollow stem auger drill bit, noting the blow counts.

- Put on disposable nitrile sampling gloves prior to handling samples.

- Upon retrieval of each split-spoon, remove the soil with a decontaminated stainless-steel spatula and place in the laboratory-supplied containers noting the quantity of soil recovered.

- Field staff will log soils recovered in the split-spoons using the USCS. Soil retrieved from the split-spoons will be visually inspected to record details of the color, texture, moisture, density, cohesion, plasticity and indications of staining or obvious odor, and digital photographs will be taken.

- Obtain location coordinates from hand-held GPS instrument, and mark location on enlargement of sampling site specific map.

- Complete field boring log.

3.4.6 Groundwater Monitoring Well Installation

Groundwater monitoring wells will be installed in overburden soil via hollow stem auger drilling to allow for the collection of groundwater samples. Each monitoring well will be constructed with flush-threaded, two-inch diameter, schedule 40 polyvinyl chloride (PVC) casing with 0.01- inch machine slot schedule 40 PVC screen. Prior to drilling, well locations will be cleared for underground utilities and structures in accordance with Section 3.5.1 of the QAPP/FSP. The location and elevation of monitoring wells will be documented in accordance with Section 3.5.2 of this document. IDM generated from soil sampling and monitoring well installation will be managed in accordance with Section 3.5.3 of the QAPP/FSP.

During drilling, field personnel will visually characterize the cuttings and monitor the rate of drilling advancement. Split spoon samples will be collected in accordance with Section 3.4.5 of the QAPP/FSP to record geologic observations on an appropriate field log (e.g., boring log, well construction record) that will include relevant information from the sampling activity including blow counts and Unified Soil Classification System (USCS) description.

Completion of the soil borings as wells will include the following procedures:

- Gauge the depth to groundwater with either an interface probe or water line. This information along with the depth of the boring will determine the length of screen and casing as well as thickness of annulus of the boring which may affect the construction materials needed to complete the boring as a well. Place two feet of washed Morie No. 1 silica sand (or equivalent) in the bottom of the borehole. Verify the depth after allowing enough time for the sand to settle through the water column in the borehole.

- Remove protective plastic used to seal the well screen from the factory and place the plug at bottom end of screen.

- Lower screen (plug at bottom), adding sections of riser pipe as needed so that the bottom of screen is placed at bottom of the borehole.

- Casing will be added to bring the well up above the ground surface or pre-cut casing will be added so that the casing is 2 inches below the ground surface for placement of a flush-mount well cover or 2 inches below the top of the protective steel casing for above ground completion of the well.

- A sand filter pack will be installed in the annulus of the screened portion of the borehole. The filter pack will consist of a washed Morie No. 1 silica sand (or equivalent). The annulus will be filled in lifts; between lifts the filter pack will be surged using a surge block and the top of the filter pack will be checked with a weighted tape measure. Surging of the filter pack will continue until settlement of the filter pack is no longer observed. The filter pack will be installed to a depth that is at least 2 ft and no more than 4 ft above the top of the screened interval. The final depth of the filter pack will be checked with a weighted tape measure and recorded on the field form.

- Construct a low permeability seal at the top of the sand pack using a minimum 2-ft thick section of hydrated bentonite pellets. Again, the depth of the bentonite plug will be checked with a weighted tape measure. Hydrate the pellets with potable water to form the seal. Depending on the type of bentonite pellet used hydration time will vary. Allow uncoated bentonite pellets to hydrate for approximately 30 minutes before installing the grout seal and allow coated bentonite pellets to hydrate for at least one hour before installing the grout seal. The final depth of the bentonite seal will be measured using a weighted tape and recorded on the field form.

- After the appropriate amount of time has passed to allow the bentonite seal to hydrate the remaining portion of the borehole will be sealed using a cement/bentonite grout. The grout mixture will consist of 94 pounds (lbs) Type I/II portland cement, 5 lbs of granular bentonite, five to six gallons of water. The grout mixture will be mixed until an even consistency is achieved. The borehole will be pressure grouted from the bottom up. A tremie pipe will be used to deliver the grout to the bottom of the borehole.

- Two types of surface completion could be used, depending on Site condition.

    - For a stickup completion,

        i. Fill the remaining portion of the annulus with grout to within three feet of the ground surface. Allow the grout to cure for at least eight hours. Add additional grout if needed to bring the grout to within three feet of ground surface.

        ii. Set in place a section of steel protective casing with a hinged lid and lock using neat cement or concrete.

- For a flush-mount completion,

  iii. Fill annulus with grout within approximately 12 inches of the ground surface.

  iv. Set the flush-mount well cover approximately level with the ground surface.

- To deflect surface runoff from the wellhead, a protective concrete apron will be installed, centered on each monitoring well, with specifications of a minimum diameter of 18 inches and of a minimum thickness of twelve (12) inches. Wire mesh will be used to reinforce the concrete pad and a four-inch-thick layer of crushed stone or coarse well sand will be placed beneath the concrete pad. The wire mesh and crushed stone layer will reduce the effects and risk of frost heaving. If there is a freezing risk at the time of the well installation, the well pad will be covered with an insulated blanket or plastic sheeting and hay. This will allow the pad to cure properly and reduce the risk of the concrete pad from freezing.

- A metal tag or some other form of permanent identification of the well will be used to denote the well's ID number and depth.

3.4.7 Well Development

Each new monitoring well will be developed using a "purge and surge" method to promote communication between the well screen, filter pack, and the surrounding aquifer. The following procedures will be implemented to accomplish this task:

- Determine the appropriate level of Health and Safety according to the approved HASP.

- Obtain a depth to water measurement with either an interface probe or a water line and determine the volume of water in each well by using:

$$\mathbf{V = (B)(r^2)(h)}$$

Where: V = volume of water (cubic feet [ft3])
B = 3.14
r = radius of well (ft)
h = height of column of water in well (ft)

- Determine three well volumes in gallons by using the relationship:

$$V \times \left(\frac{7.48 gallons}{ft^3} \right) \times 3$$

- Use a decontaminated submersible pump to purge the wells (at a constant rate if possible so as not to purge dry) of three well volumes or until clear of sediment (i.e., purge water is less than 50 NTUs). The pump intake will initially be set 5-ft above the bottom of the well, if possible. If not, 1-ft above the bottom of the well will suffice.

- Record turbidity measurements during purging. Calibrate the field instruments according to the procedures outlined in Section 3.5.4 of this QAPP/FSP.

- During the purging process, the well will be surged periodically either by raising and lowering the pump or by use of a surge block. It is recommended that surging takes place over 2 ft intervals along the entire well screen. Field personnel should record the time and number of surges completed on a Well Development field form.

- Well development will be considered complete when at least three casing volumes of water have been removed and turbidity readings have stabilized at ± 10%); a turbidity reading of less than 50 NTUs will be targeted.

- Manage purged water in accordance with the IDM instructions provided in Section 3.5.3 of this document.

- A field log will be kept during development of each well. The log will include at a minimum:

    - date and time of development;
    - ID number of well;
    - depth to bottom measurement before and after development;
    - water level measurements;
    - total depth of well;
    - boring and well casing inside diameter and outer diameter;
    - method of development used;
    - water quality parameters;
    - amount of water evacuated (in gallons) from well; and
    - duration of development (in minutes).

3.5 Field Methods and Procedures for Other Project and Support Activities

3.5.1 Utility Location Procedures

Utility surveys will be conducted in each location where invasive investigation activities deeper than six inches will be conducted in order to clear underground utilities, structures, or debris that may affect the investigation or may present health and safety or property damage risks. An area within a five-foot radius of each proposed location will be cleared using the following protocol:

- Find/confirm the most recent version of as-built Site drawings and review to identify potential utilities/structures/debris;

- Contact the local public utility locating service;
- Contact Site Representative to discuss utility locations;
- Perform a site reconnaissance to locate utilities/structures on as-built drawings and to find evidence of undocumented utilities/structures/debris;
- Mark the proposed sampling locations and the known underground utility lines/structures/debris in the immediate vicinity using color-coded surveyor paint;
- Use ground penetrating radar (GPR)/ electromagnetic (EM) geophysical equipment and procedures to assure underground obstruction clearance.

Wherever possible, a transmitter/receiver unit will be attached to the exposed pipe or utility to trace metallic pipes or utilities that are either indicated on facility utility maps or obvious by surface expression. The location of the utility will be marked on the ground using color-coded surveyor paint. If a utility is identified within 3 feet of the proposed sampling/drilling location, the sampling/drilling point will be moved and the clearance procedures repeated.

3.5.2 Land Survey Procedures

A New York State registered land surveyor will survey the horizontal location and elevation of all existing groundwater monitoring wells at the Site. Surveyed locations will be accurate to plus or minus 0.01 foot vertically and plus or minus 0.1 foot horizontally. Horizontal data will be reported in reference to the North American Datum 1983 (NAD83) New York State Plane; vertical data will be reported in reference to the North American Vertical Datum 1988 (NAVD88). Monitoring well elevations will be measured at a reference point at the north side of the top of each inner well casing to the nearest 0.01 foot. Soil boring sampling locations will be surveyed using a global positioning system (GPS) and/or by a registered land surveyor. Sampling locations will be staked (or marked through another method of identification) and identified in the interim between media sampling and land surveying activities.

3.5.3 Management of Investigation-Derived Materials

IDM generated during the RI activities will include disposable PPE, disposable sampling equipment, soil boring cuttings, decontamination water, and purge water. PPE, disposable sampling equipment, and soil boring cuttings will be collected and placed in 55-gallon Department of Transportation (DOT)-approved drums for characterization (if necessary) and offsite disposal. Liquid IDM (decontamination water and purge water) will be collected and stored in 55-gallon drums for waste characterization (if necessary) and off-site disposal.

3.5.4 Field Instrument Calibration and Operation

All instruments and equipment used during sampling and analysis (e.g. PID/FID or water quality meters) will be operated, calibrated, and maintained according to the manufacturer's guidelines and recommendations. Operation, calibration, and maintenance will be performed by trained personnel daily. Calibration will be performed at the beginning, middle and end of each sampling day. If instruments appear to be reading incorrectly, additional calibration may be required. All maintenance and calibration information will be documented and will be available upon request.

Appropriate corrective actions will be taken if a field instrument fails the instrument-specific calibration QC criteria. Corrective action steps will be as follows:

- Check the instrument;
- Investigate the cause of failure;
- Recalibrate the instrument;
- If the instrument recalibration still fails, call the instrument manufacturer or rental company technical support for assistance;
- If the problem persists, send the instrument for service;
- If the instrument is a rental, contact the rental office for immediate replacement of the instrument; and
- If practicable, keep a backup instrument on site.

3.5.5 Field Equipment Decontamination

Decontamination of non-dedicated and non-disposable sampling equipment will be performed prior to sampling and between sampling locations to prevent the introduction of extraneous material into samples and to prevent cross-contamination between sample locations. All sampling equipment will be decontaminated as described below.

3.5.5.1 Decontamination of Soil Sampling Equipment

This procedure applies to equipment used in the collection of environmental soil samples submitted for organic and inorganic constituent analysis. Examples of relevant items of equipment include DPT shoes, trowels, scoops/spoons, and other small items. Decontamination will be performed before sampling events and between sampling points.

- Place five wash basins in an established decontamination area that has a low permeability liner (e.g., polyethylene) and secondary containment. The decontamination area must be

of sufficient size to allow placement of the five plastic wash bins in a line and provide an air drying area for equipment.

- Fill the first wash basin with potable water. Add sufficient soap powder or solution to cause suds to form in the basin. Do not use an excessive amount of the soap or rinsing the soap off the equipment will be difficult. Periodic changing of the water is required.

- Using a clean coarse scrub brush, wash the sampling equipment in the soap solution in the first basin, removing all visible residues. Be sure to wash inside surfaces of equipment as well as the exterior surfaces. Allow excess soap to drain off the equipment when finished.

- Fill the second basin with potable water (first rinse) and rinse the equipment. A coarse scrub brush or pressure sprayer may be used to aid in the rinse, if necessary. Periodic changing of the water is required.

- Rinse the equipment with distilled/deionized water in the third basin. Periodic changing of the water is required.

- If samples for organic analysis will be collected, rinse the equipment with dilute isopropyl alcohol over the fourth basin such that the isopropyl alcohol is collected. The step may be performed using a squeeze bottle or pressure sprayer.

- Rinse with distilled/deionized water over the fourth basin to remove any residual isopropyl alcohol.

- If the equipment is being used to sample for metals, rinse the equipment with a 10% nitric acid solution over the fifth basin such that the solution is collected. The step can be performed using a squeeze bottle or pressure sprayer.

- Rinse with distilled/deionized water over the fifth basin to remove any residual acid.

- Allow the equipment to air-dry in a clean area or blot with chemical-free paper towels before reuse. Wrap the equipment in aluminum foil with the shiny side out if it will not be reused immediately.

3.5.5.2 Decontamination of Submersible Sampling Pumps

This procedure will be used to decontaminate submersible sampling pumps before and between groundwater sample collection points.

- Place four wash basins in an established decontamination area that has a low permeability liner (e.g., polyethylene) and secondary containment. The decontamination area must be of sufficient size to allow placement of the five plastic wash bins in a line.

- Fill the first wash basin with potable water. Add sufficient soap powder or solution to cause suds to form in the basin. Do not use an excessive amount of the soap or rinsing the soap off the equipment will be difficult. Periodic changing of the water is required.

- Using a clean coarse scrub brush, wash the pump and power cord thoroughly in the soap solution in the first basin, removing all visible residues. While submersed in the soap solution, the pump should be turned on and a minimum of one gallon pumped through the system. Allow excess soap to drain off the equipment when finished.

- Fill the second basin with potable water and rinse the pump and power cord. While submersed, the pump should be turned on and a minimum of one gallon pumped through the system. Periodic changing of the water is required.

- Fill the third basin with distilled/deionized water and rinse the pump and power cord. While submersed, the pump should be turned on and a minimum of one gallon pumped through the system. Periodic changing of the water is required.

- If samples for organic analysis will be collected, rinse the pump exterior with dilute isopropyl alcohol over the fourth basin such that the isopropyl alcohol is collected. The step can be performed using a squeeze bottle or pressure sprayer. Isopropyl alcohol should not be run through the pump.

- Rinse the exterior with distilled/deionized water over the fourth basin to remove any residual isopropyl alcohol.

- Wrap the equipment in aluminum foil with the shiny side out if it will not be reused immediately.

3.5.5.3 Decontamination of Measuring Equipment

This procedure will be used to decontaminate measuring equipment, such as water level indicators and water quality meters before and between measuring points.

- Fill two clean basins or spray bottles with potable water.

- Add sufficient soap powder to one basin or spray bottle to form a thin layer of soap suds.

- Immerse the device in the soap containing basin and gentle agitate. Scrub the device if is soiled. Periodic changing of the water is required. Alternatively, the equipment may be cleaned using a spray bottle containing a water/soap solution and wiped with a chemical free paper towel.

- Immerse the device in the basin containing the rinse water and gentle agitate. Periodic changing of the water is required. Alternatively, the equipment may be cleaned using a spray bottle and wiped with a chemical free paper towel.

3.5.5.4 Decontamination of Large Equipment

If large equipment such as a drilling rig becomes soiled and decontamination is thought necessary, a temporary decontamination pad will be established for decontamination of heavy equipment. This pad may include a membrane-lined and bermed area large enough to drive heavy equipment (e.g., drill rig, backhoe) onto with enough space to spread other equipment and to contain overspray. Usually a small sump is necessary to collect and contain rinsate (a pump is used to remove these wastes from the sump). A water supply and power source are also necessary to run steam cleaning and/or pressure washing equipment. Decontamination will be accomplished by steam cleaning or high-pressure water wash and manual scrubbing. This may be performed at the decontamination pad or in the vicinity of the drilling location, if the rinsate can be captured and containerized.

3.6 Inspection/Acceptance of Supplies and Consumables

Supplies and consumables will be inspected and approved by the on-site project manager or field team leader to ensure that products meet project requirements. Those items not meeting project requirements should be returned immediately for replacement or refund.

3.7 Sample Handling Procedures

Many of the chemical constituents and physicochemical parameters that are to be measured or evaluated in the QAPP are volatile or are not chemically stable, and therefore sample preservation is required. For these constituents, samples will be transferred in the field from the sampling equipment directly into the container that has been specifically prepared for that analysis or set of compatible parameters. All samples will be stored at 0 to ≤ 6 °C from the time of collection to the time of analysis. Collected samples will be stored together with any MS/MSD, blind field duplicate, trip blank, and equipment blank samples collected during that sampling event on ice in a cooler. All samples will be stored together in an area known to be free of contamination.

3.7.1 Sample Containers and Preservatives

The laboratory will be responsible for supplying the proper containers to ensure sample integrity. The laboratory will provide new and/or pre-cleaned containers from an outside supplier. **Table 3** details the bottle type, quantity, preservative and holding time for each parameter analyzed in soil and groundwater. All sample preservation additives will be measured and placed in the appropriate sample containers by the laboratory prior to sampling.

3.7.2 Sample Designation

Each separate sample will be identified using a sample label with a unique sample identifier (ID). The following presents the sample designation for soil and groundwater samples.

3.7.2.1 Soil Sample Designation

Soil sample identifier (ID) will use the following nomenclature:

Site Location-Field ID- (Confirmation or Step Out)-Matrix- (Depth From)- (Depth To)

where

Site Location:	SSHS
Field ID:	B## – Subsurface; numbered sequentially
Matrix:	Surface Soil: SS
	Subsurface Soil: SUB
Depth From:	Upper depth of sample interval in feet (subsurface only)
Depth To:	Lower depth of sample interval in feet (subsurface only)

3.7.2.2 Groundwater Sample Designation

Groundwater sample IDs will use the following nomenclature:

Site Location-Field ID-Date

where

Site Location:	SSHS
Field ID:	Monitoring Well ID
Date:	mmddyyyy

3.7.3 Sample Labeling

Each separate sample will be identified using a sample label. The sampler will complete all information using waterproof ink with the following information:

- Sample identifier (ID)in accordance with Section 3.7.2
- job name and identification number;
- date and time of sample collected;

- preservative;
- analytical method requested; and
- name of sampler.

The sample label contains the authoritative information for the sample. A chain-of-custody (COC) should reflect the same information as the label and be kept with the samples at all times.

3.7.4 Sample Packaging and Shipment

When all samples have been collected at the end of the day, samples will be retrieved from their storage location and packaged for shipment. The following procedures will be during sample packing.

- Place plastic bubble wrap matting or other suitable packing material over the base of each cooler or shipping container as needed.
- Insert a clean trash bag into the cooler to serve as a liner.
- Bag cubed ice in heavy duty zipper-lock plastic bags, close the bags, and distribute the bagged ice in a layer over the bottom of the cooler. Loose ice should not be used. Cold packs should be used only if the samples are chilled before being placed in the cooler.
- Check that each sample container is sealed, labeled legibly, and is externally clean. Re-label and/or wipe bottles clean if necessary. If needed, clear tape should be placed over the labels to protect them and keep them from falling off the container. To protect each bottle from breakage during shipment, each glass sample bottle should be wrapped individually with bubble wrap and secured with tape or rubber bands. Alternate bottle protection procedures such as placing glass jars back in the cardboard shipping box in which they arrived, using cardboard dividers in the cooler, or placing in an appropriate foam holder may also be used. Bottles should be placed into the cooler in an upright single layer with approximately one inch of space between each bottle. Do not stack bottles or place them in the cooler lying on their side. If plastic and glass sample containers are used, alternate the placement of each type of container within the cooler so that glass bottles are not placed side by side.
- Insert the cooler temperature blank supplied by the laboratory into each cooler (if any).
- Insert a Trip Blank into each cooler containing VOC samples.
- If space allows, place bagged ice in voids between sample containers. Other packing materials such as bubble wrap, and/or Styrofoam pellet packing material may be used as a substitute to fill voids between sample containers within each cooler to a level that meets

the approximate top of the sample containers. Packing material may require tamping by hand to reduce the potential for settling.

- Bag cubed ice in heavy duty zipper-lock plastic bags, close the bags, and distribute the bagged ice in a layer over the top of the samples. Loose ice should not be used. Cold packs should be used only if the samples are chilled before being placed in the cooler.

- Add additional bubble wrap/Styrofoam pellets or other packing materials to fill the balance of the cooler or container, if necessary.

- Sign and date a custody seal as discussed in Section 3.8.3 and enter the custody seal numbers in the appropriate place on the COC form.

- Complete the COC form as discussed in Section 3.8.1. If shipping the samples involves use of a third party commercial carrier service, sign the COC record thereby relinquishing custody of the samples. Shippers should not be asked to sign COC records. If a laboratory courier is used, or if samples are transported to the laboratory by field personnel, the receiving party should accept custody and sign the COC records. Keep a copy of the COC for the project file. Place the original in a zipper-lock plastic bag and tape the bag to the inside lid of the cooler or shipping container.

- Close the lid of the cooler or the top of the shipping container.

- Place the custody seal across the cooler or container lid opening and overlap with transparent packaging tape.

- Packaging tape should be placed entirely around the sample shipment containers. A minimum of three full wraps of packaging tape will be placed on at least two places on the cooler/container.

- Place a shipping label on the outside of the shipping container that indicates the point of origin and destination.

- Repeat the above steps for each cooler or shipping container.

Following sample packing, the cooler/container containing the samples will be transported to the laboratory overnight via a package delivery service or laboratory courier under executed chain of custody. The appropriate shipping form or air bill will be filled out and affixed to the cooler/container. Some courier services may use multi-package shipping forms where only one form needs to be filled out for all packages going to the same destination. If not, a separate shipping form should be used for each cooler/container. The receipt for package tracking purposes should be kept in the project files, in the event a package becomes lost.

3.8 Sample Custody and Documentation

An overriding consideration for data resulting from laboratory analyses is the ability to demonstrate that the data are legally defensible (i.e., that the samples were obtained from the locations stated and that they reached the laboratory without alteration). To accomplish this, evidence of collection, shipment, laboratory receipt, and laboratory custody until disposal will be documented through the COC record. A sample is considered to be in custody if the following applies to the sample:

- It is in actual possession or in view of the person who collected the samples;
- It is locked in a secure area;
- It is placed in an area restricted to authorized personnel; or
- It is placed in a container and secured with an official custody seal, such that the sample cannot be reached without breaking the seal.

If sample preservation requires temperature control, then samples will be stored in iced coolers or a refrigerator in an access-controlled area of the site. Sample custody will be the responsibility of the field manager or on-site designee from the time of sample collection until the samples are accepted by the courier service for delivery to the laboratory. Thereafter, the laboratory performing the analysis will maintain custody.

3.8.1 Chain-of-Custody

COC records will be filled out for all samples to establish the documentation necessary to trace sample possession from the time of collection. In addition to providing a custody exchange record for the samples, the COC record serves as a formal request for sample analyses. The COC record lists each sample and the individuals performing the sample collection, shipment, and receipt. The following information will be recorded on the COC record:

- Project name;
- Project location;
- Geosyntec project number;
- Geosyntec project manager;
- Geosyntec project manager contact information;
- Sample numbers;
- Date (of sample collection);
- Time (of sample collection to the nearest minute, military time);
- Sample type (composite or grab);
- Sample description (matrix);
- Number of sample containers;
- Analysis required;

- Project specific QC samples (e.g.MS/MSD)
- Remarks (including special instructions to the laboratory);
- Type of data deliverable;
- Preservative information;
- Date/time (of custody transfer);
- Laboratory name;
- Turnaround time required; and
- Sampler's signature.

The COC records will be completed, signed, and distributed as follows:

- one copy will be retained by the sample coordinator for inclusion in the project files; and
- the original will be sent to the analytical laboratory with the sample shipment as described in Section 3.7.3 of this document.

3.8.2 Field Sample Custody

All necessary sample containers will be shipped by the laboratory. The field personnel and/or Geosyntec QAM will determine the sample containers needed for a specific sampling task, check the integrity of the containers, and assure that the proper containers are assigned to the task to be conducted.

The COC record will be the controlling document to ensure that sample custody is maintained. The COC record will be initiated in the field by sampling personnel when they collect a sample. Each time the sample custody is transferred, the former custodian will sign the COC in the "Relinquished By" line, and the new custodian will sign the COC in the "Received By" line. The date and time will accompany each signature.

Immediately after sample collection, each sample will be handled as described in Section 3.7 of this document.

3.8.3 Custody Seals

Custody seals are used to prevent unauthorized tampering with samples from the time of sample collection through the time of laboratory analysis. The seals will be signed and dated by sampling personnel and then placed on the shipping containers in such a way that they must be broken to open the containers. Seals will be affixed to the sample containers before the samples leave the

custody of the sampling personnel. It is recommended that clear packing tape be placed over the custody seal to ensure that it is securely affixed to the shipping container. The laboratory will immediately notify Geosyntec personnel upon receipt in the event that the custody seal indicates that the container has been tampered with.

3.8.4 Laboratory Sample Custody and Documentation

Samples will be delivered to laboratory personnel authorized to receive samples, also referred to as the "sample custodian". The custodian, upon receipt of a sample, will inspect the condition of the sample (including temperature of the cooler) and the custody seal, reconcile the information on the sample label against that on the COC record, assign a laboratory number, log the sample in the laboratory information management system (LIMS), and store the sample in a secured sample storage area. The custodian will record all pertinent observations and measurements on the COC record and sign the COC record.

Upon receiving the samples, the laboratory personnel will note on the original COC record any discrepancy in the number of samples, temperature within the cooler or broken samples. The Geosyntec QAM or designated representative will be notified immediately of any problems identified with shipped samples. The Geosyntec QAM or designated representative will, in turn, notify the project manager and together they will determine the appropriate course of action.

If the laboratory sample custodian judges sample custody to be invalid (e.g., custody seals have been broken), the Geosyntec QAM or designated representative will be immediately notified. The Geosyntec QAM or designated representative will, in turn, notify the project manager. The project manager will decide, in consultation with the client, as to the fate of the sample in question on a case-by-case basis. The sample will either be processed "as-is" with custody failure noted along with the analytical data, or rejected with resampling scheduled, if necessary. The laboratory will initiate an internal COC that will track the sample within the various areas of the laboratory. Custody of the samples is transferred with the relinquishing signature of the sample custodian and the custody acceptance signature of the laboratory personnel. This procedure is followed each time a sample changes hands. The laboratory will archive the samples and maintain their custody, as required by the contract, or until further notification from the Geosyntec QAM or designated representative, at which time the samples will either be returned to the project for disposal or disposed of by the laboratory.

3.8.5 Field Documentation

All information pertinent to field sampling will be recorded in a permanently bound or electronic field logbook or field forms to maintain the integrity and traceability of samples. Detailed field data will be recorded on activity-specific field forms. All entries will be recorded in black indelible ink.

At a minimum, the logbook and/or corresponding field forms will contain the following information as applicable to the sample type collected:

- Project name and location (on the front page of the logbook);
- Signature of field sampler;
- Date and time of collection for each sample;
- Sample identification number;
- Sample location (sampling point);
- Weather (rain, sunny, approximate temperature, etc.);
- Requested analysis;
- If prudent, a drawing of or a copy of a map with the sample locations;
- Field analyses performed, including results, instrument checks, problems, and calibration records for field instruments;
- Descriptions of deviations from this QAPP/FSP;
- Problems encountered and corrective action taken;
- Identification of field QC samples; and
- Any other events that may affect the samples.

Field documentation will be stored in the project files for future use or reference, if necessary.

3.8.6 Document Corrections

Changes or corrections on any project documentation will be made by crossing out the item with a single line. The person performing the correction must initial and date the correction. The original item, although erroneous, must remain legible. The new information will be written above the crossed-out item. Corrections will be written clearly and legibly.

4. QUALITY ASSURANCE/QUALITY CONTROL MEASURES

4.1 Field Quality Control

Field QC samples will be collected and analyzed to assess the precision and accuracy of groundwater and soil sampling activities. Field QC samples for this project will include field duplicates, MS/MSD, equipment rinsates, source blanks when necessary, temperature blanks, and trip blanks. Table 4 describes the field quality control samples per matrix and their frequencies.

4.1.1 Field Duplicates

Field duplicates are two samples (an original and a duplicate) of the same matrix, collected at the same time and location and using the same sampling techniques, to the extent practicable. Field duplicate samples are used to evaluate the precision of the overall sample collection process. Field duplicates will be collected at a frequency of 1 per 10 regular samples and will be analyzed for the full set of analyses used for the regular samples collected. Field duplicates receive unique sample numbers; therefore, the identities of the duplicate samples are "blind" to the analytical laboratory. Exact locations of duplicate samples and sample identifications will be recorded in the field logbook.

4.1.2 Matrix Spike/Matrix Spike Duplicate

The laboratory will analyze an MS/MSD for every 20 samples analyzed or for every analytical batch prepared, whichever is more frequent. Field personnel will collect triple the amount of the volume of the sample matrix for the designated MS/MSD sample. The MS/MSD sample will be used to determine the precision and accuracy of the sample preparation and analytical methods for a given matrix.

4.1.3 Equipment Rinsate Blank and Field Blank

Equipment rinsate samples will be collected at a frequency of one per day for each matrix that non-disposable or non-dedicated sampling equipment is used. Rinsate samples are laboratory-certified clean water collected from the final rinse of the decontamination process. Rinsate samples will be collected from the sampling equipment, placed in appropriate containers supplied by the analytical laboratory, and analyzed for the full set of analyses used for the samples collected that day. Equipment rinsate samples are used to evaluate the effectiveness of the decontamination procedure and the potential for cross-contamination during sampling events. One field blank will be collected per event by pouring laboratory-certified clean water directly into the appropriate sample containers while at a site.

4.1.4 Trip Blanks

Trip blanks will be prepared by the laboratory in 40-mL volatile organic analysis (VOA) vials with analyte-free water. The trip blanks will be carried into the field, stored, and shipped to the laboratory along with the water samples. Trip blanks will be shipped with each cooler that contains groundwater samples to be analyzed for VOCs. Trip blanks are evaluated to determine whether VOC cross-contamination between samples has occurred during storage and transportation. Trip blanks apply only to volatile organics in groundwater and must be free of headspace.

4.1.5 Temperature Blanks

Each cooler will be shipped with a temperature blank. A temperature blank is a sample container filled with tap water and stored in the cooler during sample collection and transportation. The laboratory will record the temperature of the temperature blank immediately upon receipt of the samples. If samples are received at the laboratory less than 8 hours after collection, they may not have had sufficient time to cool to the required 0 to $\leq$ 6 ºC.

4.2 Laboratory Quality Control/Quality Assurance

4.2.1 Laboratory Qualifications

The analytical laboratory selected for this project will be the TestAmerica Laboratories at Pittsburgh, Pennsylvania and North Canton, Ohio. Those two laboratories are certified by New York State through the National Environmental Laboratory Accreditation Program for the analytical methods required for the project.

4.2.2 Quality Control Samples

The laboratory has a QC program in place to ensure the reliability and validity of the analysis performed by the laboratory. All analytical procedures are documented in writing as Standard Operating Procedures (SOPs) and each SOP includes a QC section which addresses the minimum QC requirements for the procedures. The internal QC checks differ slightly for each individual procedure but in general the QC requirements include the following:

- Method blanks;
- Reagent/preparation blanks (inorganic parameters);
- Instruments blanks;
- MS/MSDs;
- Surrogate spikes;

- Laboratory duplicates;
- LCSs;
- Internal standards;
- Mass tuning;
- serial dilutions; and
- interference check samples.

4.2.3 Calibration

All instruments will be calibrated, and the calibration acceptance criteria met before samples are analyzed. Calibration standards will be prepared with National Institute for Standards and Testing (NIST)-traceable standards and analyzed according to method requirements. Initial calibration acceptance criteria documented in the laboratory SOPs will meet those of applicable guidance documents. The initial calibration will meet one of the following requirements:

- The lowest concentration of the calibration standard is less than or equal to the RL based on the final volume of extract or sample; or
- For each target analyte, at least one of the calibration standards will be at or below the regulatory limit (action level) as defined by the DQOs.

Initial calibration will be verified, before samples are analyzed, with a second source standard prepared at the mid-point of the calibration curve. Initial calibration verification will meet the acceptance criteria that are expressed in the laboratory SOPs.

Daily calibration verification will be conducted at the method-prescribed frequencies and will meet the acceptance criteria of applicable guidance documents. Daily calibration verification will not be used for quantitation of target analytes.

Calibration data (calibration tables, chromatograms, instrument printouts, and laboratory logbooks) will be clearly labeled to identify the source and preparation of the calibration standard, and, will therefore be traceable to the standard preparation records.

4.2.4 Preventive Maintenance

The primary objective of a preventive maintenance program is to help ensure the timely and effective completion of a measurement effort by minimizing the downtime of crucial analytical equipment caused by expected or unexpected component failure. In implementing this program,

efforts are focused in three primary areas: maintenance responsibilities, maintenance schedules, and adequate inventory of critical spare parts and equipment.

Maintenance responsibilities for laboratory equipment are assigned to the respective laboratory managers. The laboratory managers then establish maintenance procedures and schedules for each major equipment item. These are contained in the maintenance logbooks assigned to each instrument.

The effectiveness of any maintenance program depends, to a large extent, on adherence to specific routine maintenance for each major equipment item. Other maintenance activities may also be identified as requiring attention on an as-needed basis. The manufacturer's recommendations or sample throughput provide the basis for the established maintenance schedules, and the manufacturers' service contracts provide primary maintenance for many major instruments (e.g., gas chromatography instruments, atomic absorption spectrometers, analytical balances, etc.). Maintenance activities for each instrument are documented in a maintenance log.

Along with a schedule for maintenance activities, an adequate inventory of spare parts is required to minimize equipment downtime. This inventory emphasizes those parts (and supplies) that are subject to frequent failure, have limited useful lifetimes, or cannot be obtained in a timely manner should failure occur.

The laboratory manager is responsible for maintaining an adequate inventory of necessary spare parts. Sufficient equipment will be on hand to continue analyses in the event that an instrument encounters problems. In addition to backup instrumentation, a supply of spare parts, such as fittings, septa, atomic absorption lamps, mirrors, diaphragms, graphite furnace tubes, and other ancillary equipment, will be maintained.

4.2.5 Training

The laboratory will have an established policy and procedure on training and documenting of the analyst's competency. As described in SW-846 (EPA, 1996), each staff member that performs sample preparation and analysis will demonstrate their proficiency through preparation and analysis of four LCSs. An analyst will be considered proficient if the acceptance criteria for method accuracy and precision are met. The laboratory will maintain all training records on file.

4.2.6 Supplies and Consumables

The laboratory will inspect supplies and consumables before their use in analysis. The materials specifications in the analytical methods will be used as a guideline for establishing the acceptance criteria for these materials. Purity of reagents will be monitored by analysis of solvent blanks. An inventory and storage system for materials and supplies will ensure use before manufacturers' expiration dates and storage under safe and chemically compatible conditions.

5. DATA MANAGEMENT, VALIDATION, AND USABILITY

5.1 Data Management

Data management operations include data recording, validation, transformation, transmittal, reduction, analysis, tracking, storage and retrieval.

Data will be managed by an ESdat® Database System powered by a Microsoft Access database®. Upon receipt from the laboratory, the analytical report and electronic data deliverable (EDD will be entered into the project's data validation tracking system, which allows the data to be tracked from receipt, through validation, to data loading and storage. The electronic data will be imported into the database system concurrent with the data validation process. The database will be updated with validated data after validation of the laboratory data is complete.

The data will be considered final when data validation is complete and any required data qualifiers have been added to the database. Any changes made to the database after finalization will be documented, including a description of the change, date of change, person responsible, and reason for change.

Once all data quality checks are performed, the data will be exported to a variety of formats to meet project needs. Cross-tab tables showing concentrations by sample location will be prepared. Data can be accessed by a variety of mapping and visualization tools.

The project database will be maintained on a secure network drive which is backed up regularly. Access to the database will be limited to authorized and trained project personnel.

An EDD meeting the requirements of the NYSDEC EDD Manual (NYSDEC, 2013) will be submitted with the PAOC Investigation Report so that the data can be uploaded to the NYSDEC Environmental Information Management System (EIMS). The EIMS uses the database software application EQuIS™ from EarthSoft® Inc. (EarthSoft).

5.2 Data Reduction, Review, Verification, and Validation

This section addresses the stages of data quality assessment by the laboratory, and by Geosyntec after data have been generated and received (i.e., data reduction, review, verification, and validation). It also sets procedures for evaluating the usability of data with respect to the DQOs set forth in Section 2. Data validation pertinent to this Site will be performed in general accordance with the following data validation guidance documents, where applicable:

- USEPA, Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review, most current version
- USEPA, Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review, most current version

- DER-10/Technical Guidance for Site Investigation and Remediation, NYSDEC May 3, 2010

5.2.1 Data Reduction

Raw analytical data generated in the laboratory are collected from the instruments and associated data system or are manually recorded into bound notebooks. Analysts review data as they are generated to determine that the instruments are performing within specifications. This review includes calibration checks, surrogate recoveries, blank checks, retention time reproducibility, and other QC checks as specified in the SOPs. If any problems are noted during the analytical run, corrective action is taken by the laboratory and documented. Each analytical run is reviewed by the laboratory for completeness prior to interpretation and data reduction.

5.2.2 Data Review

Data review is an initial and relatively non-technical step of data assessment that primarily addresses issues of completeness and data handling integrity. In data review, the reviewer will ensure that all necessary reporting components have been included in laboratory reports, such as necessary fields (e.g., collection/analysis dates, units, etc.) as well as the presence of (but not implications of) QC data components (e.g., LCS records, surrogate results, etc.).

5.2.3 Data Verification

Data verification is a more technical process than data review in that the core technical aspects of data quality (e.g., precision, accuracy, etc.) are evaluated through a review of the results of QA/QC measures, such as LCSs and surrogates.

Following interpretation and data reduction by an analyst, data are transferred to the laboratory sample management system either by direct data upload from the analytical data system or manually. The data are reviewed by the group leader or another analyst and marked on the sample management system as being verified. The person performing the verification reviews all data including QC information prior to verifying the data. If data package deliverables have been requested, the laboratory will complete the appropriate forms summarizing the QC information and transfer copies of all raw data (e.g., instrument printouts, spectra, chromatograms, etc.) to the data packages group. This group will combine the information from the various analytical groups and the analytical reports from the laboratory sample management system into one package. This package is reviewed by the laboratory project manager (LPM) for conformance with SOPs and to ensure that all project QC goals have been met. Any analytical problems are discussed in the case narrative, which is also included with the data package deliverables.

5.2.4 Data Validation and Usability Determination

Following data verification by the laboratory, data validation will be coordinated and/or conducted by Geosyntec's QAM or designee. Validation documentation will be stored in the project file.

Validation will be conducted on 100 % of the laboratory data by an entity independent of the laboratory. This validation will be done on the hard copy (or pdf version) data with electronic data screening as a component of the validation.

While data verification is a technical process in which the data's adherence to core PARCCS elements is evaluated, it still does not answer the final question of the usability of the data and the implications of any departures from data expectations. The data validation process is designed to answer these questions through: (i) the assignment of data qualifiers based on the data validation results; and (ii) a case-by-case review of data quality issues with respect to project DQOs to render a final assessment of data usability.

5.3 Data Evaluation Roles and Responsibilities

The following components of data evaluation will be performed by certain entities as noted:

- data reduction will be performed by the analytical laboratory;
- data review will be performed both by the laboratory and by Geosyntec;
- data verification will be performed both by the laboratory and by Geosyntec; and
- data validation and usability determination will be performed by Geosyntec.

5.4 Data Reporting

The laboratory data package receipt schedules will be based on the laboratory standard turnaround time. The laboratory will provide hard copy data packages that consist of several components, as well as an EDD for each set of samples (i.e., each work order). The data package deliverables from the laboratory will be specific to each type of data collected but will consist of Level 4 data packages (referred as Category B by NYSDEC). The components of a Level 1 through Level 4 data package are as follows:

- Level 1– Signed cover sheet, narrative, data results, and copy of the chain-of-custody;
- Level 2 – Signed cover sheet, narrative, data results, QC sample results, copy of the chain-of-custody;
- Level 3 – Signed cover sheet, narrative, data results, raw data result information, QC sample results, raw data QC information, calibration and continuing calibration information; and
- Level 4, Full, or CLP-like – All of the above plus all raw data and supporting information for the data results.

The reporting scheme from collection of raw data through document storage is as follows:

- Raw data collected by laboratory technical personnel;
- Data reviewed/checked by laboratory supervisor;
- Data receive QA/QC review by LPM;
- Data deliverable undergoes data validation as per project requirements; validation qualifier codes are applied to the data (as applicable) and incorporated into the EDD (with follow-up QC check). The EDD is checked against the hardcopy results during the validation process. Minor errors are corrected in-house. Resubmittal of the hardcopy or the EDD may be required if major errors are observed; and
- If data are found to be incorrect, then corrective action procedures are implemented, and the data review process is reinitiated.

The validation process for laboratory data will include a review of laboratory QC results and comparison against USEPA validation limits and/or project specific criteria that could affect the quality of sample results. Specific QC components to be evaluated in the review include the following:

- Case narrative;
- Data completeness check;
- Holding times;
- Sample preservation;
- Blank results (instrument blanks, method blanks, field blanks, trip blanks, equipment blanks (as applicable);
- Surrogate recoveries;
- Internal standard recoveries (as applicable);
- Calibrations;
- Initial and Continuing calibration;
- Analytical run sequence;
- Chromatograms;
- Raw data files;

- Internal Standard and Retention Time Summary
- Instrument tune (as applicable);
- Serial dilution;
- Laboratory duplicates (as applicable);
- Matrix spike and matrix spike duplicate results;
- Field duplicates;
- Laboratory control sample results; and
- Other specific information as described in the most current NYSDEC ASP.

Based on validation results, qualifiers will be added to reported analytical results to indicate uncertainty or potential bias or interferences. Specific data qualifiers which will be applied to sample concentration include the following:

J - The results are considered estimated. The analyte was detected above the MDL, but the associated reported concentration is approximate and is considered estimated because it is below the RL, also referred to as reporting limit) or because there was a QC issue identified and associated with the analytical result.

R - The reported analyte concentration is rejected due to a serious deficiency with the associated quality control result(s). The presence or absence of the analyte cannot be confirmed.

U - The analyte was not detected above the MDL or RL as applicable.

UJ - The analyte was not detected above the MDL or RL as applicable. However, due to quality control results that did not meet acceptance criteria, the RL is uncertain and may not accurately represent the actual limit.

5.5 Data Usability and Reconciliation with Project Quality

The following sections describe the performance criteria and data usability for the investigation program. In general, if issues with data quality are found in the various data sets, they will be discussed with the project team including the laboratory and NYSDEC. A NYSDEC Data Usability Summary Report (DUSR) will be prepared to assess the usability of the data when compared to its intended use as established in the DQO statement. Data sets will be assessed with regard to the PARCCS parameters described below.

5.5.1 Precision

Field and laboratory duplicates have been incorporated into the program to assess the precision of the measurement system. If duplicate results indicate matrix heterogeneity greater than anticipated, qualifiers will be added to reported concentrations and a description of validation actions will be included in the DUSR.

5.5.2 Accuracy

Accuracy is a measure of how a concentration is in agreement with a reference concentration. Calibrations, matrix spikes, surrogate spikes, internal standards, and laboratory control sample results will be used to assess accuracy. The DUSR will identify non-compliant results and discuss the impact to reported results. Data qualifiers will be applied to sample concentrations based on a comparison of quality control results to laboratory or method specified performance criteria.

5.5.3 Representativeness

Sample representativeness will be assessed through an analysis of the blank results. The concentrations and frequencies of target analytes detected in blanks will provide an indication of data representativeness. The DUSR will describe issues concerning representativeness based on a review of these data. Qualifiers will be applied to data that not meet the specified laboratory or method criteria of these measurement parameters.

5.5.4 Comparability

Comparability between data sets will be made qualitatively and quantitatively to determine the extent to which different measurements of the same quantity will yield valid conclusions. Comparability performance will be assessed on the basis of duplicate results from samples of the same media collected from the same location at the same time compared against measurement performance criteria, as discussed in Section 2.

Field parameters can provide another means of assessing the comparability of data points within a data set. Parameters including pH, turbidity, and specific conductivity are generally similar among like samples, within certain limits. Should laboratory data appear anomalous, field parameters will be checked to assess the potential that a sample may not have been representative of general conditions for a particular location at a particular time.

5.5.5 Completeness

A data set for a specific medium will be considered complete if at least 90 percent of the results have all associated quality control results and are accepted a valid data to meet the Quality Objectives provided in this QAPP/FSP. The DUSR will include a discussion of the results obtained from the completeness review and recommend corrective action(s) as appropriate.

6. REFERENCES

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USEPA, 2008. Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review. EPA 540-R-08-01. June 2008.

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TABLES

TABLE 1
ANALYTICAL REFERENCE LIMITS AND SCREENING VALUES - SOLID SAMPLES
Quality Assurance Project Plan
Former Sperry Remington Site - North Portion
Elmira, New York

Analytical Group	Analyte	CAS Number	Units	Analytical Method [1] Reporting Limit	Analytical Method [1] Method Detection Limit	Screening [2] Criteria	LCS % Recovery (%R)	Relative Percent Difference (RPD)	Matrix Spike/Matrix Spike Duplicate %R	RPD
VOCs/8260C	Acetone	67-64-1	µg/Kg	20	3.15	100,000	27-150	20	27-150	33
	Benzene	71-43-2	µg/Kg	5.0	1.96	2,900	75-121	20	75-121	19
	Bromoform	75-25-2	µg/Kg	5.0	2.61	-	48-133	20	48-133	23
	Bromomethane	74-83-9	µg/Kg	5.0	4.5	-	54-145	20	54-145	40
	2-Butanone (MEK)	78-93-3	µg/Kg	5.0	2.9	100,000	42-142	20	42-142	30
	Carbon disulfide	75-15-0	µg/Kg	5.0	3.01	-	61-130	20	61-130	24
	Carbon tetrachloride	56-23-5	µg/Kg	5.0	3.32	1,400	72-135	20	72-135	20
	Chlorobenzene	108-90-7	µg/Kg	5.0	1.57	100,000	78-119	20	78-119	19
	Chlorobromomethane	74-97-5	µg/Kg	5.0	1.92	-	74-116	20	74-116	21
	Chlorodibromomethane	124-48-1	µg/Kg	5.0	2.41	-	65-122	20	65-122	19
	Chloroethane	75-00-3	µg/Kg	5.0	2.59	-	53-150	20	53-150	40
	Chloroform	67-66-3	µg/Kg	5.0	2.11	10,000	78-118	20	78-118	19
	Chloromethane	74-87-3	µg/Kg	5.0	3.85	-	56-130	20	56-130	23
	cis-1,2-Dichloroethene	156-59-2	µg/Kg	5.0	1.57	59,000	76-120	20	76-120	21
	cis-1,3-Dichloropropene	10061-01-5	µg/Kg	5.0	1.6	-	68-128	20	68-128	21
	Cyclohexane	110-82-7	µg/Kg	5.0	1.22	-	71-139	20	71-139	22
	1,2-Dibromo-3-Chloropropane	96-12-8	µg/Kg	5.0	3.07	-	35-137	20	35-137	28
	1,2-Dibromoethane	106-93-4	µg/Kg	5.0	2.73	-	74-114	20	74-114	21
	1,2-Dichlorobenzene	95-50-1	µg/Kg	5.0	4.02	100,000	75-115	20	75-115	20
	1,3-Dichlorobenzene	541-73-1	µg/Kg	5.0	1.59	17,000	75-118	20	75-118	19
	1,4-Dichlorobenzene	106-46-7	µg/Kg	5.0	1.02	9,800	76-116	20	76-116	19
	Dichlorobromomethane	75-27-4	µg/Kg	5.0	2.36	-	75-116	20	75-116	21
	Dichlorodifluoromethane	75-71-8	µg/Kg	5.0	2.92	-	44-150	20	44-150	22
	1,1-Dichloroethane	75-34-3	µg/Kg	5.0	1.81	19,000	77-124	20	77-124	19
	1,2-Dichloroethane	107-06-2	µg/Kg	5.0	1.45	2,300	73-126	20	73-126	21
	1,1-Dichloroethene	75-35-4	µg/Kg	5.0	2.85	100,000	71-130	20	71-130	20
	1,2-Dichloroethene, Total	540-59-0	µg/Kg	10	3.98	-	77-122	20	77-122	22
	1,2-Dichloropropane	78-87-5	µg/Kg	5.0	2.45	-	76-117	20	76-117	19
	1,4-Dioxane	123-91-1	µg/Kg	1000	36.6	-	47-139	20	47-139	40
	Ethylbenzene	100-41-4	µg/Kg	5.0	2.15	30,000	79-120	20	79-120	19
	2-Hexanone	591-78-6	µg/Kg	5.0	4.19	-	50-137	20	50-137	28
	Isopropylbenzene	98-82-8	µg/Kg	5.0	2.32	-	81-121	20	81-121	26
	Methyl acetate	79-20-9	µg/Kg	25	5.9	-	46-138	20	46-138	30
	Methylcyclohexane	108-87-2	µg/Kg	5.0	2.1	-	77-127	20	77-127	24
	Methylene Chloride	75-09-2	µg/Kg	5.0	2.36	51,000	71-125	20	71-125	21
	4-Methyl-2-pentanone (MIBK)	108-10-1	µg/Kg	5.0	1.86	-	53-140	20	53-140	32
	Methyl tert-butyl ether	1634-04-4	µg/Kg	5.0	3.68	62,000	65-128	20	65-128	23
	m-Xylene & p-Xylene	179601-23-1	µg/Kg	5.0	1.87	-	79-119	20	79-119	20
	o-Xylene	95-47-6	µg/Kg	5.0	2.44	-	79-119	20	79-119	23

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Elmira, New York

Analytical Group	Analyte	CAS Number	Units	Analytical Method [1] Reporting Limit	Analytical Method [1] Method Detection Limit	Screening [2] Criteria	LCS % Recovery (%R)	Relative Percent Difference (RPD)	Matrix Spike/Matrix Spike Duplicate %R	RPD
VOCs/8260C	Styrene	100-42-5	µg/Kg	5.0	1.33	-	78-118	20	78-118	20
	1,1,2,2-Tetrachloroethane	79-34-5	µg/Kg	5.0	2.98	-	67-120	20	67-120	29
	Tetrachloroethene	127-18-4	µg/Kg	5.0	2.0	5,500	75-125	20	75-125	20
	Toluene	108-88-3	µg/Kg	5.0	1.69	100,000	79-123	20	79-123	19
	trans-1,2-Dichloroethene	156-60-5	µg/Kg	5.0	2.54	100,000	76-126	20	76-126	23
	trans-1,3-Dichloropropene	10061-02-6	µg/Kg	5.0	1.73	-	65-128	20	65-128	23
	1,2,3-Trichlorobenzene	87-61-6	µg/Kg	5.0	2.07	-	48-136	20	48-136	38
	1,2,4-Trichlorobenzene	120-82-1	µg/Kg	5.0	1.61	47,000	49-140	20	49-140	34
	1,1,1-Trichloroethane	71-55-6	µg/Kg	5.0	2.51	100,000	80-128	20	80-128	20
	1,1,2-Trichloroethane	79-00-5	µg/Kg	5.0	2.4	-	75-115	20	75-115	21
	Trichloroethene	79-01-6	µg/Kg	5.0	1.5	10,000	72-122	20	72-122	19
	Trichlorofluoromethane	75-69-4	µg/Kg	5.0	1.46	-	61-147	20	61-147	34
	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	µg/Kg	5.0	1.91	-	58-149	20	58-149	26
	Vinyl chloride	75-01-4	µg/Kg	5.0	3.67	21	66-124	20	66-124	24
	Xylenes, Total	1330-20-7	µg/Kg	10	4.31	100,000	79-119	20	79-119	21
SVOCs/8270D	Acenaphthene	83-32-9	µg/Kg	67	19.2	100,000	45-101	18	45-101	18
	Acenaphthylene	208-96-8	µg/Kg	67	14.6	100,000	47-102	18	47-102	18
	Acetophenone	98-86-2	µg/Kg	670	18.1	-	42-100	17	42-100	17
	Anthracene	120-12-7	µg/Kg	67	17.3	100,000	47-105	16	47-105	16
	Atrazine	1912-24-9	µg/Kg	670	146	-	10-122	15	10-122	15
	Benzaldehyde	100-52-7	µg/Kg	670	41.4	-	10-119	20	10-119	20
	Benzo[a]anthracene	56-55-3	µg/Kg	67	12.6	1,000	45-105	17	45-105	17
	Benzo[a]pyrene	50-32-8	µg/Kg	67	14.5	1,000	48-100	17	48-100	17
	Benzo[b]fluoranthene	205-99-2	µg/Kg	67	16.4	1,000	42-102	18	42-102	18
	Benzo[g,h,i]perylene	191-24-2	µg/Kg	67	14.4	100,000	46-104	16	46-104	16
	Benzo[k]fluoranthene	207-08-9	µg/Kg	67	20	1,000	48-100	19	48-100	19
	1,1'-Biphenyl	92-52-4	µg/Kg	330	14	-	45-102	20	45-102	20
	Bis(2-chloroethoxy)methane	111-91-1	µg/Kg	330	15.9	-	47-100	18	47-100	18
	Bis(2-chloroethyl)ether	111-44-4	µg/Kg	67	12.1	-	46-101	15	46-101	15
	Bis(2-ethylhexyl) phthalate	117-81-7	µg/Kg	3300	355	-	41-119	18	41-119	18
	4-Bromophenyl phenyl ether	101-55-3	µg/Kg	330	23.3	-	44-109	16	44-109	16
	Butyl benzyl phthalate	85-68-7	µg/Kg	330	229	-	41-121	16	41-121	16
	Caprolactam	105-60-2	µg/Kg	1700	217	-	50-112	21	50-112	21
	Carbazole	86-74-8	µg/Kg	67	15.6	-	48-100	16	48-100	16
	4-Chloroaniline	106-47-8	µg/Kg	330	11.1	-	48-100	19	48-100	19
	4-Chloro-3-methylphenol	59-50-7	µg/Kg	330	15.7	-	49-105	23	49-105	23
	2-Chloronaphthalene	91-58-7	µg/Kg	67	15.3	-	45-100	19	45-100	19
	2-Chlorophenol	95-57-8	µg/Kg	330	15.5	-	49-103	17	49-103	17
	4-Chlorophenyl phenyl ether	7005-72-3	µg/Kg	330	20.2	-	45-104	19	45-104	19
	Chrysene	218-01-9	µg/Kg	67	13.1	1,000	46-100	20	46-100	20
	Dibenz(a,h)anthracene	53-70-3	µg/Kg	67	14.9	330	46-107	16	46-107	16

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Former Sperry Remington Site - North Portion
Elmira, New York

Analytical Group	Analyte	CAS Number	Units	Analytical Method [1] Reporting Limit	Analytical Method [1] Method Detection Limit	Screening [2] Criteria	LCS % Recovery (%R)	Relative Percent Difference (RPD)	Matrix Spike/Matrix Spike Duplicate %R	RPD
SVOCs/8270D	Dibenzofuran	132-64-9	µg/Kg	330	14.6	-	47-100	18	47-100	18
	3,3'-Dichlorobenzidine	91-94-1	µg/Kg	330	311	-	44-102	16	44-102	16
	2,4-Dichlorophenol	120-83-2	µg/Kg	67	25.7	-	48-105	19	48-105	19
	Diethyl phthalate	84-66-2	µg/Kg	330	80.5	-	45-105	20	45-105	20
	2,4-Dimethylphenol	105-67-9	µg/Kg	330	20.7	-	45-102	17	45-102	17
	Dimethyl phthalate	131-11-3	µg/Kg	330	12.1	-	46-106	19	46-106	19
	Di-n-butyl phthalate	84-74-2	µg/Kg	330	146	-	50-109	15	50-109	15
	4,6-Dinitro-2-methylphenol	534-52-1	µg/Kg	1700	575	-	34-126	15	34-126	15
	2,4-Dinitrophenol	51-28-5	µg/Kg	3300	897	-	29-114	18	29-114	18
	2,4-Dinitrotoluene	121-14-2	µg/Kg	330	16.6	-	48-111	20	48-111	20
	2,6-Dinitrotoluene	606-20-2	µg/Kg	330	20.6	-	48-109	18	48-109	18
	Di-n-octyl phthalate	117-84-0	µg/Kg	330	194	-	35-124	18	35-124	18
	1,4-Dioxane	123-91-1	µg/Kg	670	104	-	37-117	16	37-117	16
	Fluoranthene	206-44-0	µg/Kg	67	17.6	100,000	49-104	17	49-104	17
	Fluorene	86-73-7	µg/Kg	67	13.1	100,000	46-103	17	46-103	17
	Hexachlorobenzene	118-74-1	µg/Kg	67	23.9	-	41-111	18	41-111	18
	Hexachlorobutadiene	87-68-3	µg/Kg	67	19.5	-	36-113	17	36-113	17
	Hexachlorocyclopentadiene	77-47-4	µg/Kg	330	17	-	30-120	20	30-120	20
	Hexachloroethane	67-72-1	µg/Kg	330	17.2	-	47-101	17	47-101	17
	Indeno[1,2,3-cd]pyrene	193-39-5	µg/Kg	67	13.5	500	46-107	18	46-107	18
	Isophorone	78-59-1	µg/Kg	330	17	-	45-100	18	45-100	18
	2-Methylnaphthalene	91-57-6	µg/Kg	67	16	-	49-100	19	49-100	19
	2-Methylphenol	95-48-7	µg/Kg	330	95.6	-	48-103	17	48-103	17
	Methylphenol, 3 & 4	106-44-5	µg/Kg	330	97.9	-	47-103	15	47-103	15
	Naphthalene	91-20-3	µg/Kg	67	13	100,000	49-100	19	49-100	19
	2-Nitroaniline	88-74-4	µg/Kg	1700	152	-	40-117	19	40-117	19
	3-Nitroaniline	99-09-2	µg/Kg	1700	84.8	-	48-109	17	48-109	17
	4-Nitroaniline	100-01-6	µg/Kg	1700	16.2	-	45-109	19	45-109	19
	Nitrobenzene	98-95-3	µg/Kg	670	122	-	44-103	19	44-103	19
	2-Nitrophenol	88-75-5	µg/Kg	330	19.1	-	50-111	19	50-111	19
	4-Nitrophenol	100-02-7	µg/Kg	1700	234	-	32-126	21	32-126	21
	N-Nitrosodi-n-propylamine	621-64-7	µg/Kg	67	22.6	-	43-108	16	43-108	16
	N-Nitrosodiphenylamine	86-30-6	µg/Kg	330	111	-	46-105	17	46-105	17
	2,2'-oxybis[1-chloropropane]	108-60-1	µg/Kg	67	24.7	-	29-115	15	29-115	15
	Pentachlorophenol	87-86-5	µg/Kg	1700	536	2,400	35-110	16	35-110	16
	Phenanthrene	85-01-8	µg/Kg	67	17.9	100,000	46-103	18	46-103	18
	Phenol	108-95-2	µg/Kg	330	101	100,000	47-102	17	47-102	17
	Pyrene	129-00-0	µg/Kg	67	15.8	100,000	43-107	17	43-107	17
	1,2,4,5-Tetrachlorobenzene	95-94-3	µg/Kg	330	14.4	-	37-108	19	37-108	19
	2,3,4,6-Tetrachlorophenol	58-90-2	µg/Kg	330	139	-	42-107	18	42-107	18
	2,4,5-Trichlorophenol	95-95-4	µg/Kg	330	23.8	-	45-105	21	45-105	21
	2,4,6-Trichlorophenol	88-06-2	µg/Kg	330	18.3	-	45-109	19	45-109	19

TABLE 1
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Former Sperry Remington Site - North Portion
Elmira, New York

Analytical Group	Analyte	CAS Number	Units	Analytical Method [1] Reporting Limit	Analytical Method [1] Method Detection Limit	Screening [2] Criteria	LCS % Recovery (%R)	Relative Percent Difference (RPD)	Matrix Spike/Matrix Spike Duplicate %R	RPD
PCBs/8082A Low Level	Aroclor-1016	12674-11-2	µg/Kg	0.833	0.271	-	32-120	32	32-120	32
	Aroclor-1221	11104-28-2	µg/Kg	0.833	0.539	-				
	Aroclor-1232	11141-16-5	µg/Kg	0.833	0.494	-				
	Aroclor-1242	53469-21-9	µg/Kg	0.833	0.499	-				
	Aroclor-1248	12672-29-6	µg/Kg	0.833	0.659	-				
	Aroclor-1254	11097-69-1	µg/Kg	0.833	0.569	-				
	Aroclor-1260	11096-82-5	µg/Kg	0.833	0.237	-	35-117	32	35-117	32
	Aroclor-1262	37324-23-5	µg/Kg	0.833	0.585	-				
	Aroclor-1268	11100-14-4	µg/Kg	0.833	0.405	-				
	Polychlorinated Biphenyls, Total	1336-36-3	µg/Kg	0.833	0.183	1,000				
Metals/6010C & 7471B	Aluminum	7429-90-5	mg/Kg	20	4.16	-	80-120	20	75-125	20
	Antimony	7440-36-0	mg/Kg	1.0	0.34	-	80-120	20	75-125	20
	Arsenic	7440-38-2	mg/Kg	1.0	0.391	16	80-120	20	75-125	20
	Barium	7440-39-3	mg/Kg	20	1.07	350	80-120	20	75-125	20
	Beryllium	7440-41-7	mg/Kg	0.4	0.0229	14	80-120	20	75-125	20
	Cadmium	7440-43-9	mg/Kg	0.5	0.0364	2.5	80-120	20	75-125	20
	Calcium	7440-70-2	mg/Kg	500	26.1	-	80-120	20	75-125	20
	Chromium	7440-47-3	mg/Kg	0.5	0.135	22*	80-120	20	75-125	20
	Cobalt	7440-48-4	mg/Kg	5.0	0.293	-	80-120	20	75-125	20
	Copper	7440-50-8	mg/Kg	2.5	0.252	270	80-120	20	75-125	20
	Iron	7439-89-6	mg/Kg	10	5.05	-	80-120	20	75-125	20
	Lead	7439-92-1	mg/Kg	1.0	0.511	400	80-120	20	75-125	20
	Magnesium	7439-95-4	mg/Kg	500	32.9	-	80-120	20	75-125	20
	Manganese	7439-96-5	mg/Kg	1.5	0.163	2,000	80-120	20	75-125	20
	Nickel	7440-02-0	mg/Kg	4.0	0.248	140	80-120	20	75-125	20
	Potassium	7440-09-7	mg/Kg	500	54.7	-	80-120	20	75-125	20
	Selenium	7782-49-2	mg/Kg	1	0.516	36	80-120	20	75-125	20
	Silver	7440-22-4	mg/Kg	0.5	0.105	36	80-120	20	75-125	20
	Sodium	7440-23-5	mg/Kg	500	26	-	80-120	20	75-125	20
	Thallium	7440-28-0	mg/Kg	2.0	0.321	-	80-120	20	75-125	20
	Vanadium	7440-62-2	mg/Kg	5.0	0.696	-	80-120	20	75-125	20
	Zinc	7440-66-6	mg/Kg	2.0	1.08	2,200	80-120	20	75-125	20
	Mercury	7439-97-6	mg/Kg	0.033	0.00739	0.81	80-120	20	80-120	20

Notes:

[1] The Analytical Reporting Limit and Method Detection Limit listed are those that can be routinely achieved by the analytical laboratory.

[2] Screening criteria values are New York State Department of Environmental Conservation Restricted Residential Table 375-6.8(b) Restricted Use Soil Cleanup Objectives, May 2018.

[3] Screening value for total chromium is value specified for hexavalent chromium.

- Refers to no screening criteria established

* for chromium (hexavalent)

CAS - Chemical Abstracts Service
VOC - volatile organic compound
SVOC - semi-volatile organic compound
PCB - polychlorinated biphenyl
µg/Kg - micrograms per kilogram
mg/Kg - milligrams per kilogram

TABLE 2
ANALYTICAL REFERENCE LIMITS AND SCREENING VALUES - WATER SAMPLES
Quality Assurance Project Plan
Former Sperry Remington Site - North Portion
Elmira, New York

Analytical Group	Analyte	CAS Number	Units	Analytical Method [1] Reporting Limit	Analytical Method [1] Method Detection Limit	Screening [2] Criteria	LCS % Recovery (%R)	Relative Percent Difference (RPD)	Matrix Spike/Matrix Spike Duplicate %R	RPD
VOCs/8260C	Acetone	67-64-1	µg/L	5.0	3.44	-	30-150	20	30-150	35
	Benzene	71-43-2	µg/L	1.0	0.596	**1**	79-121	20	79-121	27
	Bromoform	75-25-2	µg/L	1.0	0.978	-	48-132	20	48-132	30
	Bromomethane	74-83-9	µg/L	1.0	0.887	-	20-150	20	20-150	35
	2-Butanone (MEK)	78-93-3	µg/L	5.0	2.58	-	40-150	20	40-150	34
	Carbon disulfide	75-15-0	µg/L	1.0	0.878	120	33-150	20	33-150	31
	Carbon tetrachloride	56-23-5	µg/L	1.0	0.878	5	54-145	20	54-145	29
	Chlorobenzene	108-90-7	µg/L	1.0	0.501	-	80-120	20	80-120	25
	Chlorobromomethane	74-97-5	µg/L	1.0	0.626	-	76-121	20	76-121	27
	Chlorodibromomethane	124-48-1	µg/L	1.0	0.84	-	60-138	20	60-138	28
	Chloroethane	75-00-3	µg/L	1.0	0.899	-	40-150	20	40-150	31
	Chloroform	67-66-3	µg/L	1.0	0.598	7	76-121	20	76-121	26
	Chloromethane	74-87-3	µg/L	1.0	0.899	-	39-133	20	39-133	35
	cis-1,2-Dichloroethene	156-59-2	µg/L	1.0	0.707	-	76-117	20	76-117	28
	cis-1,3-Dichloropropene	10061-01-5	µg/L	1.0	0.591	**0.4***	60-122	20	60-122	29
	Cyclohexane	110-82-7	µg/L	1.0	0.633	-	59-126	20	59-126	35
	1,2-Dibromo-3-Chloropropane	96-12-8	µg/L	1.0	0.887	**0.04**	27-130	20	27-130	35
	1,2-Dibromoethane	106-93-4	µg/L	1.0	0.5	**6×10^{-4}**	74-123	20	74-123	27
	1,2-Dichlorobenzene	95-50-1	µg/L	1.0	0.364	3	70-117	20	70-117	28
	1,3-Dichlorobenzene	541-73-1	µg/L	1.0	0.504	3	71-116	20	71-116	26
	1,4-Dichlorobenzene	106-46-7	µg/L	1.0	0.544	3	74-117	20	74-117	28
	Dichlorobromomethane	75-27-4	µg/L	1.0	0.641	-	65-121	20	65-121	28
	Dichlorodifluoromethane	75-71-8	µg/L	1.0	0.83	-	36-150	20	36-150	35
	1,1-Dichloroethane	75-34-3	µg/L	1.0	0.626	-	76-121	20	76-121	27
	1,2-Dichloroethane	107-06-2	µg/L	1.0	0.574	**0.6**	70-129	20	70-129	26
	1,1-Dichloroethene	75-35-4	µg/L	1.0	0.553	-	63-132	20	63-132	29
	1,2-Dichloroethene, Total	540-59-0	µg/L	2.0	1.32	-	77-121	20	77-121	26
	1,2-Dichloropropane	78-87-5	µg/L	1.0	0.659	-	74-122	20	74-122	27
	1,4-Dioxane	123-91-1	µg/L	200	13.6	-	11-150	20	11-150	35
	Ethylbenzene	100-41-4	µg/L	1.0	0.507	-	71-120	20	71-120	27
	2-Hexanone	591-78-6	µg/L	5.0	3.28	-	44-149	20	44-149	32
	Isopropylbenzene	98-82-8	µg/L	1.0	0.335	-	55-128	20	55-128	28
	Methyl acetate	79-20-9	µg/L	5.0	1.68	-	49-141	20	49-141	32
	Methylcyclohexane	108-87-2	µg/L	1.0	0.608	-	48-129	20	48-129	35
	Methylene Chloride	75-09-2	µg/L	1.0	0.36	5	63-138	20	63-138	29
	4-Methyl-2-pentanone (MIBK)	108-10-1	µg/L	5.0	3.09	-	43-145	20	43-145	33
	Methyl tert-butyl ether	1634-04-4	µg/L	1.0	0.594	-	65-115	20	65-115	28
	m-Xylene & p-Xylene	179601-23-1	µg/L	1.0	0.482	-	72-119	20	72-119	27
	o-Xylene	95-47-6	µg/L	1.0	0.406	-	64-121	20	64-121	27
	Styrene	100-42-5	µg/L	1.0	0.47	5	65-121	20	65-121	27
	1,1,2,2-Tetrachloroethane	79-34-5	µg/L	1.0	0.602	-	63-124	20	63-124	29
	Tetrachloroethene	127-18-4	µg/L	1.0	0.467	-	76-131	20	76-131	27
	Toluene	108-88-3	µg/L	1.0	0.457	-	76-136	20	76-136	31
	trans-1,2-Dichloroethene	156-60-5	µg/L	1.0	0.67	-	74-127	20	74-127	27
	trans-1,3-Dichloropropene	10061-02-6	µg/L	1.0	0.583	**0.4***	59-133	20	59-133	30
	1,2,3-Trichlorobenzene	87-61-6	µg/L	1.0	0.827	-	10-150	20	10-150	35
	1,2,4-Trichlorobenzene	120-82-1	µg/L	1.0	0.773	-	10-150	20	10-150	35
	1,1,1-Trichloroethane	71-55-6	µg/L	1.0	0.602	-	65-136	20	65-136	28
	1,1,2-Trichloroethane	79-00-5	µg/L	1.0	0.453	**1**	68-143	20	68-143	27
	Trichloroethene	79-01-6	µg/L	1.0	0.688	5	71-121	20	71-121	28
	Trichlorofluoromethane	75-69-4	µg/L	1.0	0.87	-	45-150	20	45-150	35

TABLE 2
ANALYTICAL REFERENCE LIMITS AND SCREENING VALUES - WATER SAMPLES
Quality Assurance Project Plan
Former Sperry Remington Site - North Portion
Elmira, New York

Analytical Group	Analyte	CAS Number	Units	Analytical Method [1] Reporting Limit	Analytical Method [1] Method Detection Limit	Screening [2] Criteria	LCS % Recovery (%R)	Relative Percent Difference (RPD)	Matrix Spike/Matrix Spike Duplicate %R	RPD
VOCs/8260C	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	µg/L	1.0	0.86	-	59-138	20	59-138	35
	Vinyl chloride	75-01-4	µg/L	1.0	0.884	2	54-139	20	54-139	31
	Xylenes, Total	1330-20-7	µg/L	2.0	0.89	-	69-119	20	69-119	27
SVOCs/8270D	Acenaphthene	83-32-9	µg/L	0.19	0.065	-	49-100	16	49-100	16
	Acenaphthylene	208-96-8	µg/L	0.19	0.065	-	52-100	18	52-100	18
	Acetophenone	98-86-2	µg/L	1.0	0.062	-	45-100	16	45-100	16
	Anthracene	120-12-7	µg/L	0.19	0.049	-	50-100	18	50-100	18
	Atrazine	1912-24-9	µg/L	1.0	0.184	-	21-100	18	21-100	18
	Benzaldehyde	100-52-7	µg/L	1.0	0.111	-	10-121	35	10-121	35
	Benzo[a]anthracene	56-55-3	µg/L	0.19	0.075	-	48-100	16	48-100	16
	Benzo[a]pyrene	50-32-8	µg/L	0.19	0.053	Not Detectable	46-100	18	46-100	18
	Benzo[b]fluoranthene	205-99-2	µg/L	0.19	0.097	-	46-100	23	46-100	23
	Benzo[g,h,i]perylene	191-24-2	µg/L	0.19	0.069	-	48-100	15	48-100	15
	Benzo[k]fluoranthene	207-08-9	µg/L	0.19	0.088	-	45-100	25	45-100	25
	1,1'-Biphenyl	92-52-4	µg/L	1.0	0.059	-	48-100	22	48-100	22
	Bis(2-chloroethoxy)methane	111-91-1	µg/L	1.0	0.067	-	48-100	16	48-100	16
	Bis(2-chloroethyl)ether	111-44-4	µg/L	0.19	0.04	1	46-100	17	46-100	17
	Bis(2-ethylhexyl) phthalate	117-81-7	µg/L	10	4.61	**5**	45-105	17	45-105	17
	4-Bromophenyl phenyl ether	101-55-3	µg/L	1.0	0.063	-	51-100	18	51-100	18
	Butyl benzyl phthalate	85-68-7	µg/L	1.0	0.462	-	47-100	17	47-100	17
	Caprolactam	105-60-2	µg/L	5.0	0.47	-	41-110	20	41-110	20
	Carbazole	86-74-8	µg/L	0.19	0.051	-	49-100	17	49-100	17
	4-Chloroaniline	106-47-8	µg/L	1.0	0.044	-	51-100	17	51-100	17
	4-Chloro-3-methylphenol	59-50-7	µg/L	1.0	0.061	-	49-100	17	49-100	17
	2-Chloronaphthalene	91-58-7	µg/L	0.19	0.059	-	50-100	22	50-100	22
	2-Chlorophenol	95-57-8	µg/L	1.0	0.064	-	52-100	17	52-100	17
	4-Chlorophenyl phenyl ether	7005-72-3	µg/L	1.0	0.061	-	51-100	17	51-100	17
	Chrysene	218-01-9	µg/L	0.19	0.081	-	46-100	16	46-100	16
	Dibenz(a,h)anthracene	53-70-3	µg/L	0.19	0.072	-	48-100	15	48-100	15
	Dibenzofuran	132-64-9	µg/L	1.0	0.073	-	51-100	17	51-100	17
	3,3'-Dichlorobenzidine	91-94-1	µg/L	1.0	0.583	-	46-100	17	46-100	17
	2,4-Dichlorophenol	120-83-2	µg/L	0.19	0.051	-	53-100	16	53-100	16
	Diethyl phthalate	84-66-2	µg/L	1.0	0.567	-	49-100	17	49-100	17
	2,4-Dimethylphenol	105-67-9	µg/L	1.0	0.041	-	50-100	16	50-100	16
	Dimethyl phthalate	131-11-3	µg/L	1.0	0.056	-	50-100	20	50-100	20
	Di-n-butyl phthalate	84-74-2	µg/L	1.0	0.743	50	53-100	16	53-100	16
	4,6-Dinitro-2-methylphenol	534-52-1	µg/L	5.0	1.47	-	47-100	15	47-100	15
	2,4-Dinitrophenol	51-28-5	µg/L	10	1.53	-	36-100	19	36-100	19
	2,4-Dinitrotoluene	121-14-2	µg/L	1.0	0.051	-	51-100	17	51-100	17
	2,6-Dinitrotoluene	606-20-2	µg/L	1.0	0.06	-	50-100	20	50-100	20
	Di-n-octyl phthalate	117-84-0	µg/L	1.0	0.685	-	38-103	23	38-103	23
	1,4-Dioxane	123-91-1	µg/L	2.0	0.193	-	45-100	23	45-100	23
	Fluoranthene	206-44-0	µg/L	0.19	0.06	-	51-100	17	51-100	17
	Fluorene	86-73-7	µg/L	0.19	0.069	-	50-100	17	50-100	17
	Hexachlorobenzene	118-74-1	µg/L	0.19	0.056	**0.04**	49-100	18	49-100	18
	Hexachlorobutadiene	87-68-3	µg/L	0.19	0.069	0.5	47-100	15	47-100	15
	Hexachlorocyclopentadiene	77-47-4	µg/L	1.0	0.497	-	45-100	21	45-100	21
	Hexachloroethane	67-72-1	µg/L	1.0	0.062	-	48-100	16	48-100	16
	Indeno[1,2,3-cd]pyrene	193-39-5	µg/L	0.19	0.085	-	48-100	15	48-100	15
	Isophorone	78-59-1	µg/L	1.0	0.054	-	46-100	16	46-100	16
	2-Methylnaphthalene	91-57-6	µg/L	0.19	0.062	-	52-100	16	52-100	16
	2-Methylphenol	95-48-7	µg/L	1.0	0.109	-	50-100	17	50-100	17
	Methylphenol, 3 & 4	106-44-5	µg/L	1.0	0.42	-	50-100	17	50-100	17
	Naphthalene	91-20-3	µg/L	0.19	0.059	-	50-100	16	50-100	16
	2-Nitroaniline	88-74-4	µg/L	5.0	0.207	-	43-103	20	43-103	20
	3-Nitroaniline	99-09-2	µg/L	5.0	0.067	-	51-100	18	51-100	18
	4-Nitroaniline	100-01-6	µg/L	5.0	0.058	-	49-100	17	49-100	17

TABLE 2
ANALYTICAL REFERENCE LIMITS AND SCREENING VALUES - WATER SAMPLES
Quality Assurance Project Plan
Former Sperry Remington Site - North Portion
Elmira, New York

Analytical Group	Analyte	CAS Number	Units	Analytical Method [1] Reporting Limit	Analytical Method [1] Method Detection Limit	Screening [2] Criteria	LCS % Recovery (%R)	Relative Percent Difference (RPD)	Matrix Spike/Matrix Spike Duplicate %R	RPD
SVOCs/8270D	Nitrobenzene	98-95-3	µg/L	2.0	0.165	-	49-100	17	49-100	17
	2-Nitrophenol	88-75-5	µg/L	1.0	0.061	-	53-100	16	53-100	16
	4-Nitrophenol	100-02-7	µg/L	5.0	0.142	-	42-101	20	42-101	20
	N-Nitrosodi-n-propylamine	621-64-7	µg/L	0.19	0.071	-	47-100	17	47-100	17
	N-Nitrosodiphenylamine	86-30-6	µg/L	1.0	0.119	-	49-100	15	49-100	15
	2,2'-oxybis[1-chloropropane]	108-60-1	µg/L	0.19	0.058	-	40-108	16	40-108	16
	Pentachlorophenol	87-86-5	µg/L	5.0	0.242	-	45-100	16	45-100	16
	Phenanthrene	85-01-8	µg/L	0.19	0.055	-	49-100	17	49-100	17
	Phenol	108-95-2	µg/L	1.0	0.098	-	49-100	17	49-100	17
	Pyrene	129-00-0	µg/L	0.19	0.054	-	49-100	15	49-100	15
	1,2,4,5-Tetrachlorobenzene	95-94-3	µg/L	1.0	0.052	-	48-100	21	48-100	21
	2,3,4,6-Tetrachlorophenol	58-90-2	µg/L	1.0	0.045	-	50-100	20	50-100	20
	2,4,5-Trichlorophenol	95-95-4	µg/L	1.0	0.061	-	51-100	21	51-100	21
	2,4,6-Trichlorophenol	88-06-2	µg/L	1.0	0.068	-	54-100	21	54-100	21
PCBs/8082A - Low Level	Aroclor-1016	12674-11-2	µg/L	0.01	0.00476	-	47-111	25	47-111	25
	Aroclor-1221	11104-28-2	µg/L	0.01	0.00572	-	-		-	
	Aroclor-1232	11141-16-5	µg/L	0.01	0.00521	-	-		-	
	Aroclor-1242	53469-21-9	µg/L	0.01	0.00913	-	-		-	
	Aroclor-1248	12672-29-6	µg/L	0.01	0.00299	-	-		-	
	Aroclor-1254	11097-69-1	µg/L	0.01	0.00952	-	-		-	
	Aroclor-1260	11096-82-5	µg/L	0.01	0.00392	-	42-112	26	42-112	26
	Aroclor-1262	37324-23-5	µg/L	0.01	0.0071	-				
	Aroclor-1268	11100-14-4	µg/L	0.01	0.00455	-				
	Polychlorinated biphenyls, Total	1336-36-3	µg/L	0.0100	0.00293	0.09				
Metals/6010C & 7471B	Aluminum	7429-90-5	µg/L	200	36.1	2,000	80-120	20	75-125	20
	Antimony	7440-36-0	µg/L	10	3.44	**6**	80-120	20	75-125	20
	Arsenic	7440-38-2	µg/L	10	4.11	50	80-120	20	75-125	20
	Barium	7440-39-3	µg/L	200	1.12	2,000	80-120	20	75-125	20
	Beryllium	7440-41-7	µg/L	4.0	0.333	-	80-120	20	75-125	20
	Cadmium	7440-43-9	µg/L	5.0	0.279	10	80-120	20	75-125	20
	Calcium	7440-70-2	µg/L	5000	88.3	-	80-120	20	75-125	20
	Chromium	7440-47-3	µg/L	5.0	0.782	100**	80-120	20	75-125	20
	Cobalt	7440-48-4	µg/L	50	0.553	-	80-120	20	75-125	20
	Copper	7440-50-8	µg/L	25	2.19	400	80-120	20	75-125	20
	Iron	7439-89-6	µg/L	100	30.5	600	80-120	20	75-125	20
	Lead	7439-92-1	µg/L	10	2.85	50	80-120	20	75-125	20
	Magnesium	7439-95-4	µg/L	5000	45.2	-	80-120	20	75-125	20
	Manganese	7439-96-5	µg/L	15	0.845	600	80-120	20	75-125	20
	Nickel	7440-02-0	µg/L	40	1.52	200	80-120	20	75-125	20
	Potassium	7440-09-7	µg/L	5000	1330	-	80-120	20	75-125	20
	Selenium	7782-49-2	µg/L	10	3.63	20	80-120	20	75-125	20
	Silver	7440-22-4	µg/L	5.0	0.85	100	80-120	20	75-125	20
	Sodium	7440-23-5	µg/L	5000	182	-	80-120	20	75-125	20
	Thallium	7440-28-0	µg/L	20	3.34	-	80-120	20	75-125	20
	Vanadium	7440-62-2	µg/L	50	3.71	-	80-120	20	75-125	20
	Zinc	7440-66-6	µg/L	20	1.81	5,000	80-120	20	75-125	20
	Mercury	7439-97-6	µg/L	0.2	0.0653	1	80-120	20	75-125	20

Notes:

[1] The Analytical Reporting Limit and Method Detection Limit listed are those that can be routinely achieved by the analytical laboratory.

[2] Screening criteria values areNew York State Department of Environmental Conservation Groundwater Effluent Limitations Table 703.6 Maximum Allowable Concentration, May 2018

- Refers to no screening criteria established

All concentration units are micrograms per liter

CAS - Chemical Abstracts Service

VOC - volatile organic compound

PCB - polychlorinated biphenyl

* sum of cis- and trans-1,3-Dichloropropene

** for chromium (hexavalent)

Bold - Indicates that the screening criteria value is between the reporting limit and method detection limit.

Bold and Shaded - Indicates that the screening criteria value is below both the reporting limit and method detection limit.

TABLE 3
ANALYTICAL METHODS, CONTAINERS, PRESERVATIVES, AND HOLDING TIMES
Quality Assurance Project Plan
Former Sperry Remington Site - North Portion
Elmira, New York

Matrix	Analytical Group	Analytical Method	Containers (number, size, type)	Preservation Requirements (chemical, temperature, etc.)	Maximum Holding Time (preparation/analysis)
Solid	TCL VOCs	SW-846 8260C	Terracore kit	2 VOA vials H_2O, 1 VOA vial MEOH, frozen within 48 hours	14 days
	TCL SVOCs	SW-846 8270D	1-4 oz glass jar	Cool <6 C	14 days to extract 40 days to analyze
	PCBS	SW-846 8082A	1-4 oz glass jar	Cool <6 C	1 year to extract 40 days to analyze
	Mercury, Total	SW-846 7471B	1-4 oz. glass jar	Cool <6 C	28 days
	Metals, Total	SW-846 6010C			180 days
Water	TCL VOCs	SW-846 8260C	3 X 40-mL glass VOA vials	HCl to pH<2, no headspace, cool to <6 C	14 days
	TCL SVOCs	SW-846 8270D	2-250 mL amber glass	Cool <6 C	7 days to extract 40 days to analyze
	PCBs	SW-846 8082A Low-Level	2-1 L amber glass	Cool <6 C	7 days to extract 40 days to analyze
	Mercury, Total	SW-846 7470A	1-250 ml plastic	HNO3 to pH<2, Cool <6 C	28 days
	TAL Metals	SW-846 6010C			6 months

Notes:

SW-846 - USEPA "SW-846 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods", April 1998, 5th edition.

ºC - Degree Celsius
HCl – hydrochloric acid
L – liter
mL – milliliters
MEOH - methanol
VOA – volatile organic analyte
VOC – volatile organic compound
oz. – ounce
SVOC – semi-volatile organic compound
TCL - Target Compound List
TAL - Target Analyte List
H_2O - water

TABLE 4
SUMMARY OF FIELD QUALITY CONTROL SAMPLES
Quality Assurance Project Plan
Former Sperry Remington Site - North Portion
Elmira, New York

Parameter	Matrix	MS/MSD[(1)]	Field Duplicate	Equipment Rinsate Blanks[(2)*]	Trip Blank	Field Blank
TCL VOCs	Soil/Solids	1 set/20 samples or less	1 per 10 samples or less	1 per 20 samples or 1 per day	NA	1 per source or 1 per day
TCL SVOCs					NA	
PCBs					NA	
TAL Metals					NA	
TCL VOCs	Aqueous	1 set/20 samples or less	1 per 10 samples or less	1 per 20 samples or 1 per day	1 per cooler containing VOC samples	1 per source or 1 per day
TCL SVOCs					NA	
PCBs					NA	
TAL Metals					NA	

Notes:

[(1)] Field personnel must collect triple volume to account for MS/MSD sample.

[(2)] No equipment blanks are required for disposable or dedicated field sampling equipment.

*If less than 20 samples are collected but two days are required for sample collection; two equipment rinsate samples will be collected.

NA - Not Applicable

TAL - Target Analyte List

TCL - Total Compound List

MS/MSD - Matrix Spike/Matrix Spike Duplicate

APPENDIX A
GEOSYNTEC RESUMES

Geosyntec
consultants

PAUL L. BROOKNER, MBA, P.G.

environmental management
expert testimony / litigation support
international projects
site investigation and remediation
superfund, federal & state

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Registered Professional Geologist, Minnesota, No. 30307

CAREER SUMMARY

Mr. Brookner is a Senior Principal and Minneapolis office manager for Geosyntec Consultants, Inc. He has more than 30 years of experience in the environmental industry having served as regulator, consultant, and environmental manager for a multi-national corporation. Prior to joining Geosyntec, he served as Program Manager for the Corporate Environmental Affairs group for a Fortune 500 Company where he managed corporate environmental risk, financial reserves, and compliance for a global portfolio of legacy manufacturing facilities. In this role, he led negotiations with regulators in CERCLA, RCRA, and European agencies, as well as multiple state lead programs. Mr. Brookner has expertise in investigating and estimating the nature and extent of environmental contamination and in developing remedial strategies for sites impacted by chlorinated solvents, metals, petroleum hydrocarbons, PAHs and PCBs. The sites have included industrial manufacturing, petroleum and petrochemical, and railroad facilities; RCRA, CERCLA, state lead superfund and voluntary cleanup programs, and European Union sites.

Mr. Brookner also specializes in the financial reporting of contingent environmental liabilities, including FAS 5 and Sarbanes-Oxley requirements. For a Fortune 500 company, he provided recommendations to treasury, accounting, and internal/external audit stakeholders on managing and reporting environmental reserves. He has also used this expertise to evaluate the scope and quantify the cost of potential remedial scenarios for environmental insurance underwriting, corporate due diligence, consistency with the

National Contingency Plan, and environmental litigation support. He has served as a fact and testifying expert in these and other areas.

Site Investigation/Remediation

Former Vickers Facility, *Fortune 500 Corporation, Joplin, Missouri.* Program manager for this U.S. EPA Region VII and MDNR RCRA site. Soil, groundwater, surface water and soil vapor have been identified to have been impacted by chlorinated solvents and metals. Provided strategic direction for this highly complex karst site for both the RCRA Facility Investigation and Corrective Measures Study (CMS) from 1992 to present. Instrumental in development and completion of the 1993 and 2010 CMS reports produced for the Site.

Former Vickers Facility, *Fortune 500 Corporation, Omaha, Nebraska.* Project manager for this U.S. EPA Region VII RCRA site. Led negotiations of the Administrative Order on Consent for completion of and RFI/CMS for the site. Implemented a residential indoor air vapor investigation in coordination with EPA and ATSDR that determined that subsurface vapors have not caused unacceptable risk in the homes. Implemented a source area IRM resulting in the removal of greater than 20,000 pounds of VOCs from the subsurface. A monitored natural attenuation (MNA) remedy has been recommended as part of the final Site remedy.

Former New Holland Facility, *Fortune 500 Corporation, Lexington, Nebraska.* Program director for this U.S. EPA Region VII RCRA site. Led negotiations of the Administrative Order on Consent for completion of and RFI/CMS/CMI for the site. After completion of CMI actions (soil removal and groundwater treatment) the Site was closed and de-listed by EPA Region VII.

Former Manufacturing Facility, *Fortune 500 Corporation, Bad Homburg, Germany.* Project manager for this former manufacturing facility in a highly industrialized section of Germany. Chlorinated solvents, identified in soil and groundwater, were initially addressed by excavation and pump and treat (PT) technologies. Cost-benefit analysis indicated that continuation of PT would be inefficient. Enhanced reductive dechlorination (ERD) pilot test was first successful implementation of in situ bioremediation for RP Darmstadt – Wiesbaden. Negotiated and implemented ERD full-scale implementation with regulators to include parallel shutdown of PT.

Former Sperry Marine Facility, *Fortune 500 Corporation, Charlottesville, Virginia.* Project manager for this RCRA Facility Lead Program (FLP) site regulated by U.S. EPA Region III. Implementation of an RCRA Facility Investigation for chlorinated solvents and metals in soil and groundwater. Negotiated scope of the FLP with EPA to incorporate historical data and focus the RFI on specific SWMUs and AOCs.

McInerney Farm Site, *Fortune 500 Corporation, Southport, New York.* Project manager for the remediation of a former typewriter manufacturing facility's waste landfill. Negotiated revised soil cleanup criteria for paint waste, cadmium, nickel, zinc and PCBs with NYSDEC for incorporation into an Explanation of Significant Difference. Oversaw the RD/RA implementation which included removal in excess of 25,000 tons of waste from the site. A major goal of the RD/RA effort was to differentiate waste types to minimize disposal costs. Paint waste generated at the site was segregated into two distinct waste streams – high VOCs and low VOCs. As a result, multiple disposal options became available to reduce T&D costs. RD/RA Costs >$7 million.

Former Remington Site, *Fortune 500 Corporation, Elmira, New York.* Project manager for the evaluation of interim measures (IM) and completion of remedial investigation/feasibility studies (RI/FS) of a former typewriter manufacturing facility. The Site has been segregated into multiple operable units (OU) to account for current property use: OU-1 – off-site issues related to past manufacturing activities; OU-2 – former manufacturing activities associated with the portion of the property currently operated as a public high school, and; OU-3 – former manufacturing activities associated with the portion of the property currently operated as multitenant storage, manufacturing and office space.

IM evaluation included a pre-design investigation of potential continuing discharge sources to an adjacent wetland and surface water bodies for compounds of potential concern (COPCs) including: cadmium, nickel, zinc and PCBs. RI/FS activities included a sediment, soil, and surface water sampling program intended to delineate the magnitude and extent for COPCs. Investigation activities for OU-1 are anticipated to be completed in 2014/2015. Anticipated investigation activities include soil, groundwater, surface water, sediment sampling and fish & wildlife evaluation.

Actions completed for OU-2 include completion of a time sensitive soil vapor investigation and indoor air evaluation for the high school. Within a seven week time period the following actions were completed: A) Negotiated with NYSDEC (Region 8 and Headquarters) a soil vapor and indoor air investigation program, B) prepared and received approval for a soil vapor and indoor air investigation work plan, C) completed all aspects of the soil vapor and indoor air investigation, D) presented investigation results and recommendations for a sub-slab depressurization system (SSDS) to address identified soil vapor issues under the high school, E) Designed and received NYSDEC and NYSDOH approval for installation of the SSDS system, and F) Successfully installed and began operation of the SSDS. This work was completed such that all activities would be completed prior to the school year. Testing results indicate the SSDS is dramatically improving indoor air quality and meeting all success criteria.

Implementation of IMs to address PCBs in surface, near surface and deeper soils were initiated in 2017. Quick-turn (6-month start to finish) activities to accommodate property owner capital improvement projects included completion of pre-design investigation data collection; an Interim Remedial Measures (IRM) Work Plan & Design; contractor bid solicitation and selection; and IRM implementation prior to the start of the school year.

OU-3 actions began in 2016 and are anticipated to conclude in 2019.

***HWD Site**, Multi-Party PRP Group, Farmingdale, New York.* Member of the technical committee for this New York State superfund site. RI/FS investigation included soil, groundwater, and vapors for chlorinated solvents. The committee oversaw implementation of an interim measures response for vapors detected in buildings adjacent to the site. A sub-slab depressurization system was installed to provide an engineering control for the issue. The approved RD for the site will address site soils with SVE and site groundwater by multiple ISCO injections. Site Costs > $2 million.

***Former Memorex Facility**, Fortune 500 Corporation, Westlake Village, California.* Project manager for this LA RWQCB regulated site. Demonstrated to the water board that the site pump and treat system had reached its practicable technical limits for treating site groundwater. An annual groundwater monitoring program has been implemented to document that the extent of dissolved phase chlorinated solvents and 1,4 dioxane are stable. Coordinated redevelopment of the site with the current owner. This resulted in the removal of over 100,000 cubic yards of soil from the site and installation of a liquid boot vapor barrier system.

***Amenia Landfill**, Multi-Party PRP Group, Amenia, New York.* Member of the technical committee for this New York State superfund site. RI/FS investigation included soil, groundwater, surface waters, wetlands, and sediments for chlorinated solvents, metals and PCBs. The committee was also responsible for determining cost allocation for this multi-party PRP site. Allocation was refined at the completion of the RI/FS phase, prior to RD/RA implementation. Final allocation incorporated NYS EQBA funding which significantly reduced overall financial exposure to industrial and municipal parties. Site Costs > $8 million.

***Former Vacuum Tube Manufacturing Facility,** Fortune 500 Corporation, Gainesville, Florida.* Led a project team for this site that site historically operated as an electronic vacuum tube manufacturing facility, allegedly using TCE as a degreasing agent. Assessment work identified a potential source area containing TCE as a residual dense non-aqueous phase liquid (DNAPL). Regulatory approval was obtained to conduct pilot studies in a portion of the general source area prior to preparation of a formal remedial design. Pilot studies designed and implemented included: (1) *in situ* chemical oxidation

(ISCO) with groundwater recirculation, (2) enhanced reductive dechlorination (ERD) via biostimulation, and (3) ERD via biostimulation and bioaugmentation. The pilot study successfully documented the success of ISCO (>95 percent maintained concentration reductions) when deployed within a well-characterized treatment zone and the benefits of enhanced mass reduction provided via the recirculation component. The ERD plots documented the ability to effectively reduce TCE concentrations; however, pH issues limited the rate of complete reductive dechlorination. Based upon the success of the ISCO pilot, and a Feasibility Study a full-scale design is being prepared.

CERCLA Landfill Closure Site, *Welsh Road Landfill Superfund Site, Honey Brook, Pennsylvania.* Project Director for this USEPA Region III CERCLA landfill closure project. The project initially included a focused feasibility study (FFS) that evaluated an evapotranspiration (ET) cover system alternative in lieu of a conventional geosynthetic/soil cover system. A Remedial Design for the ET cover system was completed in 2005, which included vadose zone flow modeling using Hydrus 2D and UnSat H models, development of a percolation and soil moisture monitoring system, and development of a groundwater monitoring program. The team managed construction of the cover and performance monitoring systems and the operation and maintenance activities, which included semi-annual groundwater and quarterly landfill gas monitoring and long term percolation and meteorological monitoring.

Environmental Management/Liability Valuation/Litigation Support & Testimony

Litigation Support/Expert Opinion, Lockheed Martin v. United States, No. 108-1160 (ESH). Litigation consultant to support CERCLA cost recovery action for historic and future costs related to the investigation and remediation of contaminated soil and groundwater. Retained to provide an expert opinion on the consistency of response actions at the Redlands, California; Beaumont 1; and Beaumont 2 Sites with the National Oil and Hazardous Substances Pollution Contingency Plan (NCP). An expert report was prepared and depositional testimony provided.

Litigation Support, Confidential Client, Louisiana. Led a project team consisting of internal/external technical resources supporting defense of multi-party toxic tort litigation. Support activities included surface water and sediment transport modeling, and graphical representation of data in support of pre-trial negotiations.

Litigation Support, Confidential Client, California. Led a project team consisting of internal multi-disciplinary technical resources supporting CERCLA cost recovery litigation vs. the U.S. Government for Cold War era operations.

Litigation Support/Expert Opinion, Confidential Client, Michigan. Retained as an expert consultant in defense of a CERCLA cost recovery action for U.S. Government costs related to the investigation and remediation of a superfund site in Michigan.

Corporate Environmental Insurance Initiative*, Fortune 500 Corporation, Portfolio of 50 Sites across the United States.* Led a project team consisting of internal/external legal counsel, financial analysts and environmental professionals to evaluate the efficacy of cost cap insurance (with commutation account) for a portfolio of over 50 legacy environmental liabilities (traditional multi-media impacted sites) across the United States.

Quarterly and Annual Financial Reporting, *Fortune 500 Corporation, Global Portfolio of Environmental Liabilities*. Led a team to complete quarterly and annual reviews of the corporation's environmental reserve end-position. Prepared and presented the subsequent reserve position reports to the CFO and Comptroller. Provided financial reports and supporting documentation for annual external audit review.

Completion of Environmental Contingent Cost Assessment*, Fortune 500 Corporation, Global Portfolio*. Our team completed a contingency cost assessment including potential environmental remediation, compliance and permitting liabilities for over 1,300 sites acquired by a multi-national client. Working with the client finance team and outside auditors, this evaluation was integral in estimating an environmental contingency cost >$75MM.

Estimate and Management of Environmental Liabilities*, Fortune 500 Corporation, Global Portfolio*. Managed the Environmental Reserve for a portfolio of over 50 sites in accordance with FAS 5 contingent liability accounting and Sarbanes Oxley reporting requirements. Lifetime cost estimates for individual sites were developed based on a project life-cycle and cost probability analysis and rolled-up for top level review. Developed annual operating plans for individual projects to recognize organizational spending priorities.

Evaluation of Environmental Liabilities*, Fortune 500 Corporation, Orange County, California*. Consulting expert for a prior owner to evaluate the feasibility and net present value of alternative remediation options proposed by a 3rd party and current site owner. The prior owner retained environmental liability for the property through an existing contractual obligation. Our evaluation indicated that lesser cost remedial alternatives that met regulatory obligations were technically feasible for this site. A potential cost savings of $1 million would be realized by not implementing the 3rd party recommended alternative.

Evaluation of Environmental Liabilities*, Fortune 500 Corporation, Brazil, France and Great Britain.* Project manager for evaluating potential environmental liabilities for the

corporation's former manufacturing operations in Brazil, France and Great Britain. Liabilities were estimated based on period of ownership/operation, chemical usage history, employee headcount and normalized revenue.

***Evaluation of Environmental Liabilities**, Multi-National Specialty Chemical Manufacturer, Malaysia*. Evaluation of potential environmental liabilities for a chemical manufacturing plant in Malaysia. The evaluation was a key factor in the client's negotiations for purchase of the plant. Evaluation included a Monte Carlo probability analysis of future costs.

***Evaluation of Environmental Liabilities**, Multi-National Specialty Chemical Manufacturer, North Carolina*. Evaluation of existing and potential environmental liabilities for a legacy chemical manufacturing plant in North Carolina. The evaluation helped the client recognize potential future costs and establish an environmental reserve.

***Government Owned–Company Operated Cost Recovery Action**, Fortune 500 Corporation.* Project team member for a multi-party CERCLA cost recovery action against the United States for environmental issues related to a World War II era manufacturing facility (recoverable costs exceed $200 million). Responsibilities included interrogatory response preparation, technical evaluation of plaintiff and defendant cost allocation proposals, and generation of a historical summary for environmental response costs.

***Rule 30(b)(6) Witness**, Fortune 500 Corporation, Mid-West United States*. Deposed, rule 30(b)(6) witness for a Fortune 500 corporation in defense of a multi-party lawsuit for alleged damages resultant from the operation of a farm implement manufacturing plant. Deposition included all historical operational aspects of the plant, including manufacturing processes, equipment throughput, chemical use and environmental investigations completed at the site. Managed the litigation driven investigation of alternative source(s) for chlorinated solvents in groundwater for the multiple defendants.

***Expert Witness, General Liability Insurance Recovery**, Schloff Chemical Supply, Co., St. Louis Park, Minnesota.* Factual and expert witness for Plaintiff, Schloff Chemical Supply Co., seeking cost recovery from a Comprehensive General Liability and multiple excess coverage policies. Provided interrogatory response, deposition and court room consultation in support of policy coverage.

PROFESSIONAL EXPERIENCE

Geosyntec Consultants, Minneapolis, Minnesota, 2009 – Present
Unisys Corporation, Eagan, Minnesota, 1994 – 2009

Delta Environmental Consultants, Inc., St. Paul, Minnesota and Tampa, Florida, 1987-1994
Nebraska Department of Environmental Control, Lincoln, Nebraska, 1986-1987
Anadrill/Schlumberger, Corpus Christi, Texas, 1984-1986

PROFESSIONAL ORGANIZATIONS

American Bar Association
American Chemical Society
American Institute of Professional Geologists

AWARDS AND RECOGNITIONS

CEO Achievement for Excellence, Unisys Corporation, 1997

REPRESENTATIVE PUBLICATIONS

13-01 Durant, N., I. Tawney, Brookner, P., T. Etter, S. Stiasny, and D. Hulpusch, "Biological Insitu Enhanced Reductive Dechlorination via Closed-Loop Groundwater Recirculation at a German Site," April 2013, Platform Presentation. 12th International UFZ-Deltares Conference on Groundwater-Soil-Systems and Water Resource Management, Barcelona, Spain.

13-02 Tawney, I., N. Durant, P. Brookner, T. Etter, S. Stiasny, and D. Hulpusch, "Biological Insitu Enhanced Reductive Dechlorination via Closed-Loop Groundwater Recirculation at a German Site," June 2013, Platform Presentation. 2nd International Symposium on Bioremediation and Sustainable Environmental Technologies, Jacksonville, FL.

12-01 Brookner, P., I. Tawney, N. Durant, T. Etter, S. Stiasny, and S. Huettemann, "Reducing Environmental Impact through Biological Insitu Enhanced Reductive Dechlorination via Closed-Loop Groundwater Recirculation at a German Site," November 2012, Platform Presentation. 2nd International Conference on Sustainable Remediation, Vienna, Austria.

12-02 Brookner, P., I. Tawney, N. Durant, T. Etter, K. Krueger, J. Allen, S. Stiasny, and S. Huettemann, "Biological Insitu Enhanced Reductive Dechlorination via Closed-Loop Groundwater Recirculation at a German Site," May 2012, Poster. 8th International Conference. Remediation of Chlorinated and Recalcitrant Compounds, Monterey, CA .

12-03 Langenbach, J., P. Brookner, N. Durant, M. Annable, and M. Howe, "Assessing Chlorinated Solvent Mass Flux Change and Treatment Performance in Three

Adjoining In Situ Pilot Studies," May 2012, Presentation. 8th International Conference. Remediation of Chlorinated and Recalcitrant Compounds, Monterey, CA .

08-01 Tawney, I., J. Wang, N. Durant, J. Roberts, S. Dworatzek, T. Etter, and P. Brookner, "Remediation of a Mixed Chlorinated Solvents Source Using a Biodegradable Cosolvent and Bioaugmentation Cultures ," May 2008, Presentation. 6th International Conference. Remediation of Chlorinated and Recalcitrant Compounds, Monterey, CA .

06-01 Daly, M, J. McTigue, N. Grasso, C. Regan, and P. Brookner, "Assessing TCE Uptake in Vegetable Produce Crops for Risk Characterization", May 2006, Poster, 5th International Conference. Remediation of Chlorinated and Recalcitrant Compounds, Monterey, CA

88-01 Brookner P., F. Farley, and W.K. Lederman, "A Cost Effective Alternative for Diesel Contaminated Soil Disposal: Biological Degradation Using Land Farming Techniques", November 1988, Presentation. Petroleum Hydrocarbons and Organic Chemicals in Groundwater, Houston, TX

Geosyntec
consultants

Julia Klens Caprio

Quality Assurance Manager
Analytical Data Specialist
Site Analytical Data Evaluation and Validation
QA Auditing
Environmental Biotechnology
Office Manager

EDUCATION

M.B.A. Quality Management, Upper Iowa University; 2009
M.A., Organizational Management, Tusculum College, Knoxville, Tennessee; 2002
B.A., Biology, Lock Haven University, Lock Haven, Pennsylvania; 1980

CERTIFICATION

ASQ Certified Quality Manager #13876
Certified Environmental Field Sampler #0414
Certified Radiochemistry Data Validator (Radiochemistry Society)
NQA-1 Lead Auditor

REPRESENTATIVE EXPERIENCE

Ms. Caprio is a Principal specializing in Quality Assurance as the Geosyntec Operational Quality Manager, located at the Geosyntec Knoxville office. She holds a B.A. degree in biology, a Master's Degree in Organizational Management and a Masters of Business Administration (MBA) degree in Quality Management. Ms. Caprio has more than 25 years of experience in the environmental field. Currently she specializes in program and project quality management, systematic planning, preparation and review of quality assurance program and/or project plans (QAPPs), quality assurance management plans (QMPs), field sampling plans, data verification, data evaluation, data validation, QA audits including laboratory audits and project on-site field audits, as well as NQA-1 project and nuclear supplier audits. Ms. Caprio leads an in-house data validation team and her data validation experience includes chemical, radiological and geotechnical parameters for media including but not limited to sediment, soil, groundwater, surface water, biota, soil vapor and air monitoring. Ms. Caprio also provides both in-house quality assurance training through the various office locations within Geosyntec and outside quality assurance training for clients that teaches the importance of proper documentation practices for collecting, handling, and analyzing defensible, traceable and transparent data of known quality. Ms. Caprio also has extensive technical experience which includes; natural attenuation of petroleum hydrocarbons and chlorinated solvents, bioventing, biosparging, land treatment, and treatability studies, bioremediation system design, technical support for project managers, and work plan development. She has more than 20 years of experience as an analytical chemist in environmental and biotechnology laboratories including laboratory management, data management, quality control/quality assurance, and supervision of wet chemistry, gas chromatography, and high-performance liquid chromatography departments. Her experience also includes methods development, design and execution of treatability studies involving biological treatment of hazardous wastes and mixed wastes.

Geosyntec consultants

Relevant assignments include the following:

Quality Management Plan, *Geosyntec Consultants.* Development and draft, as well as ongoing review, of the Geosyntec corporate Quality Management Plan (QMP) per the requirements of American National Standards Institute/American Society of Quality Control (ANSI/ASQC) E4-2004, "Quality Systems for Environmental Data and Technology Programs: Requirements with Guidance for Use," ANSI/ASQC, 2004 as well as other pertinent documents.

Nuclear Quality Assurance (NQA-1) Corporate Quality Management Program. Developed corporate program and provided corporate training for an engineering client for all office locations for the implementation of an Nuclear Quality Assurance (NQA-1) corporate quality management program. Developed and drafted the Geosyntec corporate NQA-1 QMP as well as the corresponding standard operating procedures necessary to have a fully developed and implementable NQA-1 program.

NQA-1 Audits. Perform NQA-1 audits under the leadership of an NQA-1 Lead Auditor against the criteria in ASME NQA -1 -1994 (parts provider) and ASME NQA -1 -2008 and 2009 Addendum because of its regulatory pedigree resulting from endorsement by NRC Regulatory Guide 1.28 in June 2010 (engineering/construction firm), July 2011, July 2012, July 2014, and July 2015. The 2011 and 2012 audits were conducted in Oak Ridge TN at AVISCO Corp. The July 2014 and 2015 audits were conducted in NUCOR Inc., in Lexington, South Carolina. Additionally, participation in two NQA-1 audits that were conducted in Kennesaw, Georgia of Geosyntec Consultants that were conducted in 2014 and 2015.

On-Site Waste Disposal Facility Project*, Portsmouth Gaseous Diffusion Plant, Piketon, Ohio.* Corporate Quality Assurance Manager for engineering design tasks for the On-Site Waste Disposal Facility project at the Portsmouth Gaseous Diffusion Plant in Piketon, Ohio. Responsible for the development of the in-house NQA-1 quality assurance program implemented by the engineering design group to support the project data quality objectives. The quality system included development of the quality assurance project plan and the relevant standard operating procedures necessary to successfully complete the project tasks. Ms. Caprio is also responsible for meeting with client auditors, providing response to comments and verifying the implementation of corrective actions as needed.

Gowanus Canal Superfund Site Remedial Design*, Brooklyn, New York.* Quality Assurance Manager for the Gowanus Canal Superfund Site Remedial Design, Brooklyn, New York. Responsible for the development and finalization of the UFP-QAPP and Field Sampling Plan (FSP) pertinent to project tasks to date.

Former Adak Naval Complex Project, *United States Department of the Navy Naval Facilities Engineering Command Northwest (NAVFAC NW), Adak, Alaska.* Quality Assurance Manager for the Investigation and Characterization Former Adak Naval Complex Project. Developed the Sampling and Analysis Plan (SAP) for the United States Department of the Navy Naval Facilities Engineering Command Northwest (NAVFAC NW) under the Environmental Multiple Award Contracts (EMAC) and under the regulatory oversight of the Alaska Department of Environmental Conservation. The SAP was specific to the investigation and characterization of the East Canal/Building T-1341. Also responsible for coordinating the data validation of the samples sent to the fixed base laboratory for analysis.

Geosyntec consultants

Terry Creek Sediment Site, *New Brunswick, Georgia.* Quality Assurance Manager. Responsible for the development and application of the QAPP as well as the validation of the data. This site is impacted with toxaphene; responsible for coordinating method development and comparison between Method 8276 (Parlar Method), Method 8081 (Technical Toxaphene) and Total Area Under the Curve (TAUC) with the involved analytical laboratories as well as interpretation of the data.

Ocean Cape Radio Relay System, *Uakutat, Alaska.* Developed the UFP-QAPP for the Ocean Cape Radio Relay System, Uakutat, Alaska. The UFP-QAPP was developed to detail the QA/QC processes and procedures implemented during the Removal Action of multiple areas of interest at the Ocean Cape Radio Relay Station Formerly Used Defense Site near Yukutat, Alaska. The project is under the supervision of the Army Corps of Engineers and under the regulatory oversight of the Alaska Department of Environmental Conservation.

Savannah River Site Project (NQA-1), *Savannah, Georgia.* Quality Assurance Manager for the Savannah River Site Project (NQA-1). Responsible for the overall implementation of all quality assurance practices for the project including: 1) on-site activities: drilling practices, sample collection, on-site project documentation, and on-site geotechnical testing/measurements 2) off site laboratory geotechnical testing, 3) engineering practices and procedures utilized for the project. Responsible for on-going audits for sub-tier contractors throughout the project, as well as audits of the project offices, both on-site and off-site.

QA Audits of full service commercial analytical laboratories as well as on-site mobile laboratories and project specific field audits. Responsible for the auditing to ensure compliance with good laboratory practices, EPA method specifications, laboratory QA program and implementation and project specific QA requirements.

QA Audit of NQA-1 certified engineering firm, AVISCO. This audit was performed under the supervision of a qualified lead auditor to assess AVISCO's NQA-1 program per the requirements of in ASME NQA - 1 -2008 and 2009 Addendum. The purpose of the external audit was to evaluate the company's capability to develop and implement a quality assurance program that meets current nuclear industry quality assurance requirements. The scope of the audit was focused on an examination of AVISCO's documentation of their capabilities for doing work in the nuclear industry.

Naval Auxiliary Landing Field Site*, San Clemente Island, California.* Quality Assurance Manager responsible for preparation and implementation of the SAP (under Navy UFP-QAPP specifications) for the Naval Auxiliary Landing Field Site on San Clemente Island, CA. Also responsible for field and laboratory audits; as well as coordination of laboratory analyses and data validation.

Berry's Creek Study Area. Quality Assurance Manager for Berry's Creek Study Area – mega-sediment site, responsible for the preparation, final review and implementation of the UFP QAPP, New Jersey, EPA Region 2. Conducted field and laboratory audits against project requirements. Coordinated analytical method development for tests specific to sediment and tissue samples with intricate matrices with the laboratories. Also responsible for the Stage 4 and Stage 2B validation of 100% of project data.

Stormwater Management System Monitoring Project. Quality Assurance Manager responsible for preparation of the QAPP for the Town of Ocean Ridge, Stormwater Management System Monitoring project under Section 319 Nonpoint Source Grant.

Geosyntec consultants

Conchiglio Warehouse and Edwards Supply Site Remediation Project. Quality Assurance Manager responsible for the preparation of the QAPP for Conchiglio Warehouse and Edwards Supply Site remediation project, Ocala, Florida, EPA Region 4.

Mattheissen And Hegleler Zinc Company (Carus) Site Remediation Project, *EPA Region 5, LaSalle, Illinois.* Quality Assurance Manager responsible for the preparation and implementation of the QAPP for Mattheissen and Hegleler Zinc Company (Carus) Site remediation project, LaSalle, Illinois, EPA Region 5. Also responsible for the Tier III project data validation.

OMYA Site, *EPA Region 1, Florence, Vermont.* Quality Assurance Manager responsible for the preparation and implementation of the QAPP for the OMYA site, Florence, Vermont, EPA Region 1. Also responsible for the Tier III project data validation as well as review and assessment of historical analytical data.

Former Baskins Dry Cleaner, *Pinellas County, Florida*. Quality Assurance Manager responsible for the final review of the Former Baskins Dry Cleaner - Pinellas County Florida QAPP under the USEPA Quality Assurance guidance for Brownsfield Sites.

Asia Rare Earth Project. Laboratory Management Skills Training, QA/QC, Data Validation, Asia Rare Earth Project, GSM, Malaysia. GSM is a Geosyntec subsidiary that is providing remediation services at a former rare earth processing facility in Malaysia. The laboratory performs gross alpha/beta and gamma spectroscopy analyses.

BCX Tank Farm Project. Quality Assurance Manager for the BCX Tank Farm project, responsible for the preparation, final review, and implementation of the QAPP, validation and final data review, EPA Region 4.

Progress Energy Site*, EPA Region 4, Tampa, Florida*. Quality Assurance Manager responsible for the preparation of the Progress Energy Site QAPP, Tampa, Florida, EPA Region 4.

West Shore Landings Site*, EPA Region 4, Tampa, Florida*. Quality Assurance Manager responsible for the preparation of the West Shore Landings Site QAPP, Tampa, Florida, EPA Region 4.

Geosyntec EPA Region 5 Superfund Projects. Quality Assurance Manager.

Los Angeles Unified School District, *Los Angeles, California.* Data Validation and QAPP Review. Responsible for data validation, including data from both fixed base laboratory analysis and mobile laboratory data, and QAPP review for SRES #1, SRHS#12, SRHS#15, SRES#4, CHS#15, SRES #2, SR MS #6, CRHS#16, CRES#20, Gratts, Glassel Park, East LA High School #2 Area C, Area D, and 28th Street. Data deliverables included Level II and Level IV packages for inorganic and organic analyses.

Quality Assurance Officer and Geosyntec liaison for the South Western Division (SWDIV); U.S. Navy QAO. Responsible for final review and completion of Sampling Analytical Plans (SAPs) for projects performed for SWDIV. Responsible for project adherence to SAP over the duration of the project and for QA oversight of the project. All communication between the QAO for the Navy and Geosyntec project personnel are directed through the Geosyntec QAO.

Geosyntec consultants

Quality Assurance Officer for remediation of a commercial Nitrogen Processing Plant site located in Dodge City, Kansas. Responsible for writing the Quality Assurance Project Plan (QAPP) for assuring the integrity of the QAPP. Includes the co-ordination all QA-specific activities. Responsible for on-going data validation and verification.

Moundsville Site, *Honeywell International, Moundsville, West Virginia.* Quality Assurance Officer for remediation for the Honeywell International Moundsville Site located in Moundsville, West Virginia. Responsible for writing the Quality Assurance Project Plan (QAPP) and the Sampling and Analysis Plan (SAP) and for assuring the integrity of the QAPP. Includes the co-ordination all QA-specific activities. Responsible for initial on-site QA training of the field sampling teams. Responsible for on-going data validation and verification.

GEMCOR Site, *Calipatria, California.* Data review and validation of NORM, lead, and arsenic, for the GEMCOR Site located in Calipatria, CA. Site historically produced geothermal brines resulting in elevated levels of normally occurring radioactive material (NORM) across the area of the site.

Environmental Laboratory Auditor. Perform full and analytical method specific audits of commercial laboratories

Data validation expertise including all media types, chemical and radiological parameters.

PROFESSIONAL HISTORY

Geosyntec Consultants, Quality Assurance Manager, Senior Project/Office Manager, Knoxville, Tennessee, 2002 – Present
Technical Consultant, Environmental Biotechnologies, Knoxville, Tennessee, 1998-2002
Laboratory Operations Manager, Technical Applications Group, Knoxville, Tennessee, 1997-1998
Laboratory Operations Manager, Biotechnology Applications Center, Knoxville, Tennessee, 1995-1997
ABB Environmental Services, Analytical Data Manager, Knoxville, Tennessee, 1995
Quanterra Environmental Service, Assistant Technical Director, Knoxville, Tennessee, 1994-1995
IT Corporation:

- Group Supervisor, HPLC and Water/Wastewater Departments, IT Analytical Services, Knoxville, Tennessee, 1988-1994
- Analytical Chemist, HPLC/GC, IT Analytical Services, Knoxville, Tennessee, 1985-1988
- Analytical Technologist, Technology Development Laboratory, Knoxville, Tennessee, 1984-1985

University of Tennessee, Research Technician, Environmental Toxicology, Knoxville, Tennessee, 1984
Supelco Inc., Senior Laboratory Technician, HPLC R&D Applications Department, Bellefonte, Pennsylvania, 1980-1984

CONTINUING EDUCATION

Neilson Field School Environmental Sampling Certification Course, Las Cruces, NM, February 2012
NQA-1 Lead Auditor Training, Atlanta, Georgia, November 2011
FLADaPT Training, Tallahassee, Florida. June 2009
Staged Electronic Data Deliverables (SEDD) 101 and Advanced SEDD training, Atlanta, GA. 2008.

Geosyntec consultants

Advanced Radiochemistry Society Radiometric Data Validation and Certification Training, Knoxville, TN, 2008.
USEPA, Transforming DQOs to MQOs Training Course, Cleveland, OH. 2007
USEPA, Planning for Sampling Training Course, Cleveland, OH. 2007
Radiochemistry Society Radiometric Data Validation and Certification Training, Knoxville TN, 2007. (Certification completed February 2007)
USEPA Data Quality Assessment Training Course, Austin, TX 2006
USEPA Data Quality Objectives Training Course, Austin, TX 2006
ISO9001/2000 Lead Auditor Certification Training, Houston, TX 2004
USEPA Statistical Analysis of Site Data Course, Tampa, FL, 2004
USEPA Data Verification and Validation Course, New Orleans, LA, 2003
OSHA HAZWOPER Supervisor Training, Knoxville, Tennessee; 2002
USEPA Seminar on Monitored Natural Attenuation, Atlanta, GA., 1998
8 Hour Radiation Workers Training, Knoxville, Tennessee; 1997, 1998, 1999, 2000, 2001
40 Hour OSHA Training and 8 Hour refreshers, Knoxville, Tennessee; current
Air Shipping Dangerous Goods by IATA (DOT Function Specific) Training, 1995, 1997,1998
ITAS Radiation Workers Training, Knoxville, Tennessee; 1994
ITAS Human Resource Coordinator Training, Knoxville, Tennessee; 1994
Key Results Indicator Training, Knoxville, Tennessee; 1994
Total Quality Management Training, Knoxville, Tennessee; 1994
Perkin-Elmer Omega System Training, Kingsport, Tennessee; 1991
Spectra-Physics Short Course, Piscataway, New Jersey; 1981

PUBLICATIONS/PRESENTATIONS

J.K. Caprio. "Quality Assurance/Quality Control Considerations with Regard to the Use of Passive Sampling Devices/Materials" Proceedings of the 2016 NEMC Conference, August, 2016.

J. Caprio, D. Reible. "Assessment of the Production of Diffusive Gradient Thin Films (DGT) and Associated Quality Control Protocols in a University Laboratory Setting," Proceedings of the 2015 DGT Conference, San Sabastian, Spain, September, 2015.

J.K. Caprio, S. Compston, P. deHaven, D. Dunlap.. "Selective, Low Sample Mass Sampling to Support Remedial Investigation at a Large Sediment Site," Proceedings of the Eight International Conference on Remediation of Contaminated Sediments, February, 2015.

M. Vanderkooy, B. Wagner, J. Roberts, T. Krug, D. Himmelheber, A. Hughs, **J.K. Caprio**.. "Comparing Aroclor and Congener Analyses in Passive Samplers: Implications for Passive Sampling Programs," Proceedings of the Eighth International Conference on Remediation of Contaminated Sediments, February, 2015.

J.K. Caprio, D. Reible, M. Bruce. "Moving Passive Sampling for Mercury Monitoring in the Aquatic Environment from Research to Commercial Use," Proceedings of the 2014 International Conference on the Remediation of Chlorinates and Recalcitrant Compounds, May, 2014.

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J.K. Caprio, S. Compston, S. Hill, D. Dunlap.. "Selective, Low Sample Mass Invertebrate Sampling to Support Remedial Investigation with Potential COPC Bioaccumulation," Proceedings of the 2014 International Conference on the Remediation of Chlorinates and Recalcitrant Compounds, May, 2014.

J.K. Caprio, M. Vanderkooy, M. Bruce, R. Shocke, D, Reible.. "Moving from Research to Commercial Use of Passive Sampling for Mercury Monitoring in the Aquatic Environment," Proceedings of the 2013 DGT Conference, Lancaster, UK, July, 2013.

J.K. Caprio, S. Compston, S. Hill, D. Dunlap. "Selective, Low Sample Mass Invertebrate Sampling in Support of a Remedial Investigation with Potential Bioaccumulation of COPCs," Proceedings of the 2012 NEMC Conference, August, 2012.

J.K. Caprio. "Disposal Dilemma – How to Characterize Liquid Waste, When it is Treated as a Solid?" Proceedings from the 2012 Show of the South Conference. April, 2012.

J.K. Caprio, D. Adilman, M. Lodato. "Being Positive Your False Positives are False," Proceedings of the 2011 8th Annual DOD Environmental Data Quality Workshop, April 2011.

J.K. Caprio, M. Tyler, S. Hill. "Systematic Planning to Improve Data Quality at a Superfund Site in New Jersey," Proceedings of the Sixth International Conference on Remediation of Contaminated Sediments, March, 2011.

J.K. Caprio. "Common Laboratory Contaminants," Proceedings of the 2010 Industrial Expo, Georgia Association of Water Professionals, March, 2010.

J.K. Caprio. "Laboratory Auditing from a Consultants Perspective," Proceedings of the 2010 7th Annual DOD Environmental Monitoring Data Quality Workshop, April, 2010.

J.K. Caprio. "A Brief Discussion of Three Important Quality Management Concepts," Proceedings of the 2009 EPA Quality Management Conference, May, 2009.

J.K. Caprio. "Quality Management is not an Oxymoron!" Proceedings of the 2009 6th Annual DOD Environmental Monitoring Data Quality Workshop, April, 2009.

H. Kerfoot, **J. Caprio**. "Performance of EPA Method 8270 with Isotopic Dilution for 1,4-Dioxane in Groundwater Samples," Proceedings of the 42nd Western Regional Meeting (WRM) of the American Chemical Society, September, 2008.

J. K. Caprio. "Lessons Learned and Continuous Improvement During Implementation of the Uniform Federal Policy for Quality Assurance Project Plans (UFP-QAPP)," Proceedings of the 2008 5th Annual DOD Environmental Monitoring and Data Quality Workshop, April, 2008.

M. Lodato, **J. Klens Caprio**, D. Graves. "Accelerated Site Cleanup at Drycleaner Sites Using Multiple Remedial Technologies," in Proceedings of the 5th International Conference on the Remediation of Chlorinate and Recalcitrant Compounds, May, 2006.

J. Caprio. "Asking Appropriate Questions in Order to Assure Data Quality," in Proceedings of the 25th Annual Conference on Managing Environmental Quality Systems, April, 2006.

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J. Klens, D. Graves, R. Rogers, J. Chytil and T. Streckfuss. "Coupled Permeable Reactive Barrier and Natural Attenuation Remediates Chlorinated Solvents," in Proceedings of the 3rd International Conference on the Remediation of Chlorinated and Recalcitrant Compounds, May, 2002.

Caprio, J. K. "The Applicability of the 9/80 Work Week in Today's Fast Paced Economy," Master's Thesis, 2002.

Klens, J., D. Pohlmann, S. Scarborough, and D. Graves. "The Effects of Permanganate Oxidation on Subsurface Microbial Populations," in Natural Attenuation of Environmental Contaminants, Eds. A. Leeson, M.E. Kelley, Il. S. Rifai, and V. S. Magar. Battelle Press, Columbus. OH. pp. 253-259, 2001.

Klens, J. L., J. R. Cochran, and D. Graves. "Sample Collection Technique for Laboratory Based Hydrogen Analysis in Groundwater," in Risk, Regulatory, and Monitoring Considerations: Remediation of Chlorinated and Recalcitrant Compounds, eds. G. B. Wickramanayake, A. R. Gavaskar, M. E. Kelley, and K. W. Nehring. Battelle Press, Columbus, OH. pp. 393-400, 2000.

W.D. Brady, **J. Klens,** and D.A. Graves. "Cost Effective Biological/Chemical Treatment of Ammonia/Ammonium Impacted Media. Proceedings of the Sixth International Symposium on In Situ and On-Site Bioremediation," San Diego California.

Brady, W. D., D. Graves, **J. Klens,** M. Eick. "Evaluation and Implementation of Natural Attenuation at Metals Impacted Sites," in: Natural Attenuation Considerations and Case Studies: Remediation of Chlorinated and Recalcitrant Compounds. Eds. G. B. Wickramanayake, A. R. Gavaskar, and M. E. Kelley. Battelle Press, Columbus, OH. pp. 209-215, 2000.

Brady,W. D., D. Graves, M.J. Eick, E. Lay, and **J Klens**. "Demonstrating Metal Irnmobilization/Attenuation Mechanisms in Soil: A Case Study," Proceedings from the 15th International Conference on Contaminated Soil and Groundwater. Amherst, Massachusetts. October, 1999.

Klens, J., G. Roberts, and D. Graves. "Rapid Qualification of Sites for Natural Attenuation Potential, Proceedings of the Fifth International In Situ and On-Site Bioremediation Symposium," Battelle Press, Columbus, Ohio, 1999.

J. Klens, M. Distefano, G. Dodson, A. Weigand, K. Ramanand, D. Graves. "Reductive Dehalogenation of Ethylene Dichloride in Groundwater". Presented at the First International Conference on Remediation of Chlorinated and Recalcitrant Compounds, Monterey California, May, 1998.

De, M.A., **J. Klens,** G. Gaillot, and D. Graves. "Field and Laboratory Evaluations of Natural Attenuation of Chlorinated Organics at a Complex Industrial Site," presented at the Symposium on Natural Attenuation of Chlorinated Organics in Groundwater, Dallas Texas, September 1996.

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consultants

ARON A. KRASNOPOLER, Ph.D., P.E.

remedial design and construction
in-situ bioremediation and chemical oxidation
soil and groundwater investigation
site conceptual model development

EDUCATION

Ph.D., University of Washington, Chemical Engineering, Seattle, Washington, 1994
M.S., University of Washington, Chemical Engineering, Seattle, Washington, 1992
B.S., Cornell University, Chemical Engineering, Ithaca, New York, 1988

REGISTRATIONS AND CERTIFICATIONS

Chemical Engineer, Maryland
Registered Engineer, New York
OSHA 40-hr Hazardous Waste Operations and Emergency Response Certified
Advanced Post-Master's Certificate, The Johns Hopkins University, Environmental Engineering, Baltimore, Maryland, 1999

CAREER SUMMARY

Dr. Krasnopoler has over 15 years of experience in site investigation and remediation of contaminated sites under CERCLA, RCRA, state-led, and voluntary cleanup. He has developed and implemented work plans for site characterization, feasibility studies for remedy selection, and pilot testing and design packages for remedial construction. Client sectors have included industrial manufacturing, pharmaceutical, military, municipal, railroad, and solid waste management. Sites contaminants have included chlorinated solvents, petroleum hydrocarbons, PCBs and heavy metals.

Dr. Krasnopoler specializes in the design of in-situ remedial systems, including air sparging, bioventing, biosparging, in-situ chemical oxidation (e.g., Fenton's reagent, ozone), and soil vapor extraction. He has developed pilot test programs for feasibility demonstration and the collection of design parameters.

Dr. Krasnopoler has conducted environmental due diligence for potential real estate transactions and corporate acquisition for a variety of properties including manufacturing facilities, pest control operations, aerial photography operations, former lumber mills and solid waste facilities.

Remedy Selection, Design and Construction - In-situ Chemical Oxidation

Cortese Landfill NPL Site, *Narrowsburg, New York.* Prepared a feasibility study for treatment of a residual source area at a Superfund site that increased the duration of the proscribed groundwater extraction and treatment remedy that resulted in the selection of a remedial alternative with lower cost and expected operational duration. The selected remedial alternative will reduce migration of

organic contaminants downgradient through in-situ source area treatment including air sparging, soil vapor extraction, and amendment with ozone. Planned and implemented a pilot test to collect design parameters for the full-scale design of the air sparging and soil vapor extraction systems. Prepared a final design report for in-situ source area treatment in two treatment areas. Prepared a bid package for construction of the air sparging and soil vapor extraction components of the in-situ source treatment and assisted the client in evaluating the bids for contractor selection. Engineer-of-Record for construction quality assurance for source area remedial action construction. Supervised startup and regular operation and maintenance of soil vapor extraction and air sparging systems. In-situ source treatment achieved mass flux reduction performance goal after three years of operation and active treatment was suspended. Performance monitoring continues in order to evaluate for potential rebound prior to transition to monitored natural attenuation.

Willow Grove Air Reserve Station, *Horsham, Pennsylvania.* Project Engineer for the design of a two-staged remedy to treat free product and dissolved constituents resulting from a jet fuel release. The remedy included in-situ chemical oxidation to remediate free product and enhanced bioremediation to break down the dissolved jet fuel constituents. The design included well layout and construction, oxidation reagent quantities. Designed, planned and provided oversight for in-situ chemical oxidation (Fenton's reagent) pilot study to determine feasibility and provide design parameters for full-scale design. Obtained necessary permits for pilot studies including a waiver for underground injection control permit.

Remedy Selection, Design and Construction - PCB Remediation

Confidential Client, *New York.* Designed an interim measure for removal of PCB-impacted soils from a former manufacturing facility currently used as a high school. Pre-delineation defined volumes to be excavated and disposed of as PCB remediation waste and non-hazardous waste. Engineer-of-Record for construction quality assurance for soil removal.

Confidential Client, *New York.* Conducted pre-design investigations of oil-water separator as potential source for migration of PCBs and metals to adjacent wetlands and surface water. Investigations included test pitting and video surveys to identify upstream connections from former combined industrial sewer and waste characterization.

Remedy Selection, Design and Construction - In-situ Bioremediation

ESTCP EK-BIO Field Demonstration, *Jacksonville, Florida.* Design engineer for a field-scale technology demonstration of electrokinetically enhanced in-situ bioremediation (EK-BIO) for a PCE source area at Naval Air Station, Jacksonville. EK-BIO uses electric fields to distribute electron donor and other amendments in low permeability soils. The project is funded by DoD ESTCP and with collaboration from Army Corps of Engineers and Naval Facilities Engineering Command Southeast.

Confidential Client, *Voorhees, New Jersey.* Project Engineer for construction, start-up, operation and monitoring of an aerobic biobarrier to prevent groundwater contamination from adjacent closed industrial and municipal landfills from reaching surface water receptors. Pre-construction activities included preparing construction permits and soliciting bids for drilling, trenching, pipe installation and electrical work. Construction activities included trenching for the installation of utilities and underground air injection piping, installation of air injection equipment and associated piping and instrumentation. Start-up activities included leak checking, flow balancing, vapor monitoring and groundwater monitoring. Operation and monitoring activities included flow balancing and performance groundwater monitoring. After seven years of operation, concentrations in shallow and intermediate groundwater downgradient of the barrier were below remediation standards and surface water concentrations were below remediation standards in all but a few locations.

Elizabethtown Landfill NPL Site, *West Donegal Twp., Pennsylvania.* Supported a focused feasibility study of aerobic in-situ bioremediation and metals precipitation using dilute hydrogen peroxide as an alternative to the ROD groundwater extraction and treatment remedy.

In-Situ Bioremediation Remedy, *City of Alexandria, Virginia.* Designed and implemented pilot test for aerobic in-situ bioremediation remedy to treat BTEX and naphthalene plume located downgradient of a former manufactured gas plant and to prevent discharge to the Potomac River. Prepared a 60% remedial design of a full-scale biosparging system based on pilot test results and lab-scale treatability studies. The remedial design also includes an in-situ oil-water separator and an in-situ permeable reactive barrier to collect free product that may be mobilized during storm events.

Biosparging System, *Confidential Client, Minnesota.* Provided technical advice for optimization of butane-stimulated co-metabolic biosparging system for treatment of chlorinated solvents.

Naval Air Station North Island, *California.* Designed and implemented control logic for a groundwater recirculation system to enhance bioremediation of dissolved chlorinated solvents. Set up and programmed a supervisory control and data acquisition (SCADA) system to monitor system inputs, control system outputs and notify remotely in the case of an alarm condition.

Chlorinated Solvent Contamination, *United States Geological Survey, Baltimore, Maryland.* Supported pilot studies in the West Branch Canal Creek Study Area, Aberdeen Proving Grounds, Edgewood, Maryland, to intercept chlorinated solvent contamination arising from a groundwater seep that is hydraulically connected to a groundwater plume. Supported construction of an artificial layer of natural materials to mimic natural attenuation through sediment and supporting monitoring wells. Participated in baseline and performance groundwater sampling for analysis of VOCs, redox parameters and major ions. Collected and analyzed groundwater samples for bromide concentration as part of a tracer test prior to a bioaugmentation by direct injection.

Remedy to Remediate Free Product and Dissolved Constituents, *Willow Grove Air Reserve Station, Horsham, Pennsylvania.* Project Engineer for design of a two-staged remedy to remediate

free product and dissolved constituents resulting from a jet fuel release. The remedy included in-situ chemical oxidation to remove free product and enhanced bioremediation to break down the dissolved jet fuel constituents. The design included well layout and construction, and specification of air injection equipment for oxygen delivery. Designed, planned and performed a biosparging pilot study to collect design parameters for full-scale design.

Pilot Studies for Bioventing and Biosparging Remedies, Pharmaceutical Manufacturing Facility. Project Engineer in support of RCRA Corrective Action. Designed and implemented pilot studies for bioventing and biosparging remedies for residual contamination in overburden soils and groundwater. Assisted in the design of a containerized air injection system, which included explosion-proof blowers, heat exchanger, moisture separator, system piping, telemetry, and electrical components. Also assisted with system shakedown and start-up operation. Performed soil gas sampling and in situ respirometry testing and analyzed data to establish baseline and intermediate VOC concentrations and biodegradation rates. Prepared monthly reports of VOC emissions during pilot studies for use in the facility's air emissions reports.

Remedy Selection, Design and Construction - Nano-scale Zero Valent Iron

Laboratory Treatability Studies, *Aerojet General Corporation, Rancho Cordova, California.* Project Engineer for the evaluation of laboratory treatability studies to measure the performance of nanoscale metallic particles for treating trichloroethene, perchlorate, and n-nitrosodimethylamine in soil and groundwater at a California Superfund site.

Evaluation of Laboratory Treatability Studies, *Edwards Air Force Base, California.* Project Engineer for the evaluation of laboratory treatability studies to measure the performance of nanoscale metallic particles for treating trichloroethene, carbon tetrachloride, and perchlorate in soil and groundwater at a California Superfund site.

Remedy Selection, Design and Construction - Other

Feasibility Study Cost Estimates for Remedial Alternatives, *Nuclear Metals, Inc. Superfund Site, Concord, Massachusetts.* Developed feasibility study cost estimates for remedial alternatives using RACER cost estimating software and site-specific cost estimates for VOC and uranium plumes. Remedial technologies included groundwater extraction, air stripping, ion exchange, permeable reactive barriers and monitored natural attenuation.

Steam-Enhanced Dual-Phase Extraction System, *FMC Corporation, Newark, California.* Project Engineer for design and construction of a steam-enhanced dual-phase extraction system to remove ethylene dibromide and ethylene dichloride from shallow, low permeability soils and groundwater. Prepared draft process design including sizing and costing of major equipment, mass balances and equipment layout.

Redesign of Groundwater Treatment System, *High Voltage Engineering Corp., Burlington, Massachusetts.* Project Engineer for redesign of a groundwater treatment system including new pumps, packaged air stripper system and piping network. Determined sizes for submersible pumps

and piping. Determined replacement schedule for vapor-phase carbon adsorber. Designed layout of metering well vaults. Investigated the requirements for installation of packaged air stripper system in an underground building. Prepared drawings and specifications for the construction of the system and reviewed subcontractor proposals.

Municipal Water Supply Upgrade, *Confidential Client, New Jersey*. Developed conceptual design and cost estimate for contingency to upgrade a municipal water supply to remove arsenic and mercury by ion exchange.

Removal of Unregulated Landfill and Soil Treatment, *Campbell's Soup Company, Napoleon, Ohio.* Developed costs for removal of an unregulated landfill and soil treatment by medium-temperature thermal desorption.

Site Investigation

Supplemental Remedial Investigation, *Confidential Client, New York.* Developed and implemented a supplemental remedial investigation of potential discharges from an oil-water separator to adjacent wetlands and surface water. Potential impacts include PCBs and inorganic constituents in soil, sediment and surface water. Managed investigation of over 10,000 feet of linear stream for potential PCB and metals impacts.

Site Characterization of Former Manufacturing Facility, *Confidential Client, New York.* Developed and implemented site characterization of a former manufacturing facility currently used as a high school. Potential impacts include PCBs, metals and VOCs in soil, groundwater, sub-slab vapor and indoor air. Conducted investigations of the effect of HVAC operations on indoor air quality. Installed a sub-slab depressurization system to mitigate VOC concentrations in indoor air.

Site Characterization of Former Manufacturing Facility, *Confidential Client, New York.* Developed and implemented site characterization of a former manufacturing facility currently used for light industry. Potential impacts include PCBs, metals and PAHs in soil.

Pre-Design Investigation for Remedial Action at Former Manufacturing Facility, *Confidential Client, Connecticut.* Developed a pre-design investigation for remedial action at a former manufacturing facility. Areas of concern include solid waste disposal areas and releases of petroleum hydrocarbons and chlorinated solvents. Updated conceptual site model and developed remedial approach. Proposed remedial actions include selective soil removal, engineered controls and monitored natural attenuation of groundwater.

Site Investigation of Navigational Components Manufacturer, *Confidential Client, Virginia*. Task manager for the site investigation of navigational components manufacturer under the USEPA Region 3 Facility Lead Corrective Action Program. Prepared a Description of Current Conditions Report and site characterization work plan. Coordinated site characterization activities and analysis and reporting of results. Prepared an Interim Measures Work Plan for a soil removal action to remove soils that represent a potential risk to construction workers. Prepared evaluation

of monitored natural attenuation as potential remedy for groundwater and developed long-term groundwater monitoring plan.

Site Investigation Work Plan and Site Characterization Data, *Confidential Client, Maryland*. Prepared site investigation work plan and managed site characterization data for investigation of relationship between VOCs in site soil gas and groundwater and in off-site production wells.

Vapor Intrusion

Site Characterization Data, *Aberdeen Proving Ground, Edgewood, Maryland.* Consolidated site characterization data from multiple consultants into a relational database and GIS. Compared extent of chemicals of potential concern for vapor intrusion to building locations to screen buildings for further investigation.

Former Manufacturing Facility, *Confidential Client, New York.* Conducted investigations of potential VOC impacts to indoor air at a former manufacturing facility currently used as a high school. Conducted investigations of the effect of HVAC operations on indoor air quality. Installed a sub-slab depressurization system to mitigate VOC concentrations in indoor air.

Navigational Components Manufacturer, *Confidential Client, Virginia*. Conducted evaluations of potential vapor intrusion risk at a navigational components manufacturer under the USEPA Region 3 Facility Lead Corrective Action Program. Conducted sub-slab vapor and soil gas sampling for VOCs that indicated that potential risk from VOC concentrations in indoor air are in the acceptable range.

Due Diligence

Phase I Environmental Site Assessment, Aseptic Creamer Manufacturing Facility *Confidential Client, Ohio.* Performed Phase I ESA of aseptic creamer manufacturing facility for a potential acquisition.

Phase I Environmental Site Assessment, Pest Control Operation, *Confidential Client, Georgia*. Performed Phase I ESA of a pest control operation for a potential acquisition.

Phase I Environmental Site Assessment, Medical Device Manufacturing Facilities *Confidential Client, Pennsylvania.* Performed Phase I ESAs of medical device manufacturing facilities for a potential acquisition.

Phase I Environmental Site Assessment, Former Lumber Mill, *Confidential Client, Maryland.* Performed Phase I ESA of a former lumber mill in Eastern Maryland for a potential property acquisition.

Phase I Environmental Site Assessments, *Confidential Client, Illinois*. Performed Phase I ESAs of aerial photography operations for potential investors.

Environmental and Operational Review, *EnviroSolutions, Inc., Newark, New Jersey.* Performed environmental and operational review of a transfer facility in for potential solid waste acquisition.

Modeling

Groundwater Flow Model, *Confidential Client, Tennessee.* Developed groundwater flow model using MODFLOW 2000 to simulate groundwater extraction in fractured bedrock in order to optimize pumping rates.

Groundwater Flow and Particle Pathways, *Edwards Air Force Base, California.* Used Visual MODFLOW and MODPATH to predict groundwater flow and particle pathways during injection and recirculation of nanoscale zero valent iron particles as part of pilot test to remediate a chlorinated solvent plume.

TCE Biodegradation in Wetland Sediments, Savannah River Site. Developed calculation of the rate of TCE biodegradation in wetland sediments that showed that intrinsic bioremediation was occurring in the wetland sediments. SRS Engineering Calculation Q-CLC-B-00026," Biological Degradation Rate for TCE at Twin Lakes Wetlands".

SVE Modeling, Pharmaceutical Manufacturing Facility, *New Jersey*. Peer reviewed another consultant's model for assessing SVE performance and selection of cleanup levels at a RCRA facility. Developed an alternative SVE model that improved the description of mass transfer across the water table and vapor flow to the extraction well. The client selected our SVE model over the other consultant's model.

Environmental Liability Valuation

Cost Estimates for Future Environmental Liabilities for Automobile Parts Manufacturer, *Confidential Client*. Prepared cost estimates for future environmental liabilities for an automobile parts manufacturer as part of insurance cost recovery using cost modeling database application.

Review of Costs for Electrical Transformer Manufacturer, *Confidential Client.* Managed review and categorization of incurred costs for an electrical transformer manufacturer related to environmental investigation, remediation and legal defense.

Litigation Support

Low-Temperature Thermal Desorption Cost Research, *U.S. Department of Justice.* Researched costs for treatment using low-temperature thermal desorption in support of cost recovery for remediation of a Superfund site. Costs were found to be within the range of similar projects despite contractor errors and the Federal government was able to recover partial costs of the remedy from the responsible parties.

Training

Preparation of Course Materials, *U.S. EPA Technology Innovation Office.* Prepared course materials for short course on Field-based Investigations of DNAPL. Materials included descriptions of DNAPL physics and chemistry, invasive and non-invasive techniques.

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NEPA Assessments

NEPA Assessments, *Bechtel Corp.* Conducted site visits and prepared NEPA assessments for construction and co-location of cellular communications antennas in the Washington, D.C. Metro area.

PROFESSIONAL EXPERIENCE

Geosyntec Consultants, Columbia, Maryland, 2004-present
GeoTrans, Inc., Sterling, Virginia, 1999-2003
Texas A&M University Department of Chemistry, College Station, Texas, 1997-1998
University of Colorado at Boulder Department of Chemistry, Boulder, Colorado, 1995-1997

REPRESENTATIVE PUBLICATIONS

01-1 Krasnopoler, A., G. Council and P. Andersen. (2001) Biological Degradation Rate for TCE at Twin Lakes Wetlands. Calculation Number Q-CLC-B-00026. Savannah River Site.

98-1 Krasnopoler and S. M. George. (1998) Infrared Resonant Desorption of H2O from Ice Multilayers. Journal of Physical Chemistry B. 102:788.

96-1 Krasnopoler, A., N. Kizhakevariam and E. M. Stuve. (1996) Hydrogen Bonding and Surface Interactions among Protic Solvents: Coadsorption of Ammonia and Hydrogen Fluoride with Water on Silver (110). J. Chem. Society, Faraday Transactions. 92:2445.

95-1 Krasnopoler, A., A. L. Johnson and E. M. Stuve. (1995) Hydrogen Bonding and Molecular Orientation in Water/Fluorine Adlayers on Silver (110). Surface Science, 328:186.

95-2 Krasnopoler, A. and E. M. Stuve. (1995) Evidence of Specific and Non-Specific Adsorption of ClO4 on Ag (110). J. Vac. Sci. and Tech.A, 13:1681.

95-3 Stuve, E. M., A. Krasnopoler and D. E. Sauer. (1995) Relating the In-situ, Ex-situ and Non-situ Environments in Surface Electrochemistry. Surface Science. 335:177.

94-1 Krasnopoler, A. and E. M. Stuve. (1994) Coadsorption of Fluorine and Water on Ag (110). Surface Science.303:355.

94-2 Krasnopoler, A. (1994) Studies of the Structure of the Electrode-Electrolyte Interface by Ultra-high Vacuum Simulation. Ph. D. Dissertation, University of Washington.

92-1 Krasnopoler, A. (1992). Coadsorption of Water and Fluorine on Ag (110). Master's Thesis, University of Washington.

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INVITED PRESENTATIONS

Krasnopoler, A., K. Philpy, M. Hansen, M. Berman, N. Durant and L. Hamilton. "Performance Evaluation of a Full-Scale Biosparging Barrier." Ninth International In Situ and On-site Bioremediation Symposium. Baltimore, Maryland. May 2007.

Krasnopoler ,A. and S. M. George. "H_2O Resonant Desorption from Ice Multilayers using the Mark III Infrared Free Electron Laser." 43rd National Symposium of the American Vacuum Society. Philadelphia, Pennsylvania. October 1996.

Krasnopoler, A. and E. M. Stuve. "Evidence of Specific and Non-specific Adsorption of ClO_4 on Ag (110)." 41st National Symposium of the American Vacuum Society. Denver, Colorado. October 1994

Krasnopoler, A., A. L. Johnson and E. M. Stuve. "Hydrogen Bonding and Molecular Orientation in Water/Fluorine Adlayers on Silver (110)." 40th National Symposium of the Americana Vacuum Society. Orlando, Florida. October 1993.

Geosyntec consultants

ERIC J. TOLLEFSRUD, P.G.

geology/hydrogeology
CERCLA and RCRA
groundwater remediation

EDUCATION

M.S., Geology, University of Kansas, Lawrence, Kansas, 1987
B.S., Geology, University of Nebraska, Lincoln, Nebraska, 1984

REGISTRATIONS AND CERTIFICATIONS

Professional Geologist, Wisconsin No. 552, 1995
Professional Geologist, Minnesota No. 30046, 1998
Professional Geologist, Nebraska No. G-0142, 2000
Certified Professional Geologist No. AIPG 9348, 1995

CAREER SUMMARY

Mr. Tollefsrud is a hydrogeologist with 30 years of experience providing environmental consulting solutions to clients under regulatory order to implement corrective actions and site remediation. This has typically involved matters under the Resource Conservation and Recovery Act (RCRA), Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and state Superfund/voluntary cleanup law. He has proven success providing technical support to corporate environmental managers and legal counsel, including expert advice regarding conceptual site models and site hydrogeology, optimal remediation strategies and negotiation with regulators at the state and federal level. He leads expert technical teams in contaminated site remediation with a focus on remediation of chlorinated solvents and polycyclic aromatic hydrocarbons (PAHs). Mr. Tollefsrud currently serves as a working member of the Interstate Technology and Regulatory Council (ITRC) team on Characterization and Remediation of Fractured Rock, developing a guidance document that includes innovative tools and technologies for investigation and remediation at fractured rock sites.

Specific project work has included hydrogeological investigations in support of remediation, evaluating the fate and transport of contaminants in soil, soil vapor and groundwater, evaluating effectiveness of remedial solutions, including pump and treat/hydraulic control remedies and in situ remedies (bioremediation, chemical oxidation and chemical reduction), at fractured bedrock sites and in unconsolidated aquifers. His project work includes conducting remedial investigations, including large projects involving major drilling programs; using innovative tools such as compound specific isotope analysis; developing cleanup standards and remediation performance standards; evaluating subsurface vapor intrusion pathways; designing, implementing, and optimizing remediation systems - including groundwater pump and treat, enhanced in situ dechlorination, soil-vapor extraction, air sparging, chemical oxidation; evaluating groundwater

geochemistry for fate and transport evaluations; evaluating site conditions for in situ groundwater remedies; evaluating in situ stabilization technologies, developing site conceptual models; and third-party review of site remediation strategies.

His training as a sedimentary geologist and three decades of consulting experience evaluating large hydrogeochemical data sets from contaminated sites across the U.S. and in Europe provide him with a deep understanding of the fate and transport of chemicals in the environment. He has unique expertise to solve highly complex problems in a pragmatic site remediation context. He brings a wealth of project experience to bear, including characterizing site conditions in the shallow limestone and shale bedrock of Illinois, Kansas, Missouri, and Kentucky; deeper bedrock conditions in Minnesota; the coastal deposits of New Jersey, Maryland, North Carolina, and South Carolina; the karst terrain of southern Missouri; and the complex glacial and alluvial terrain in Minnesota, Wisconsin, Nebraska, Kansas, Illinois, Iowa, Indiana and Ohio. He has gained insight from monitoring the evolution of volatile organic compound groundwater plumes at multiple sites over long (greater than 10 years) timeframes in support of remediation monitoring and effectiveness demonstrations.

Mr. Tollefsrud has presented technical papers at national and international conferences on innovative technologies in environmental investigation and remediation and provides clients with the latest information regarding remediation of chlorinated solvents in groundwater.

Clients include law firms supporting responsible parties, industrial facility managers, industrial property portfolio managers, real estate developers, metal parts manufacturers, metal plating facilities, heavy equipment manufacturers, oil companies, dry cleaners, food products manufacturers, pipelines, aircraft manufacturers, insurance companies, vehicle rental companies, and circuit board manufacturers.

Technical Support – Review of Hydraulic Control Remedy in Bedrock Aquifers, Superfund Site, *Minnesota*. Principal hydrogeologist for technical support to a responsible party at an 80-acre former wood treatment and creosote distillation site. Evaluated the efficacy of the hydraulic gradient control remedy in the Platteville, St. Peter and Prairie du Chien / Jordan aquifers. Developed a plan to demonstrate hydraulic control of PAH-impacted groundwater in the dolomite bedrock (Prairie du Chien) drinking water aquifer, where groundwater flow conditions were highly anisotropic and affected by cavernous porosity and preferential flow paths. Gained consensus of project stakeholders for an approach using target depths in open boreholes of existing large diameter water supply wells and irrigation wells to characterize preferential flow paths. Findings informed the stakeholder group's decisions regarding the gradient control plan.

Evaluation of Remedial Options for Chlorendic Acid, Superfund Site, *Auburn, Maine.* Mr. Tollefsrud reviewed the conceptual site model and developed remedial options for an industrial site with groundwater impacted by chlorendic acid. Chlorendic acid, like 1,4-dioxane, is an emerging chemical of concern and has unique and challenging fate and transport characteristics, being highly soluble in water and unlikely to sorb to solid media.

Evaluation of Remedial System, Superfund Site, *New Egypt, New Jersey*. Mr. Tollefsrud served as Project Manager. He evaluated the hydraulic, hydrogeologic, and groundwater quality conditions resulting from the operation of a remedial system at a waste disposal site. Evaluation of site geochemistry involved detailed assessment of bis(2-chloroethoxy) methane, which has unique fate and transport characteristics relative to other site constituents. He provided negotiation support with U.S. EPA Region II. The remedial system encompassed 7 acres and included a slurry wall, 41 recovery wells, a treatment system, and 4 infiltration trenches. Mr. Tollefsrud served as Project Manager for annual reviews of the monitoring and operational data for a large groundwater extraction and treatment system. The report included reduction and evaluation of analytical and hydraulic data from 40 monitoring wells and 41 recovery wells. He evaluated mass removal rates and temporal concentration trends and recommended modifications and improvements where necessary.

Groundwater Conceptual Site Model, Superfund Site, *Minneapolis, Minnesota.* Principal hydrogeologist for a major reassessment of the conceptual site model for a large site where groundwater and soil vapor impacted by trichloroethene caused a significant vapor intrusion issue. Using historical data, groundwater hydrodynamic and geochemical information, developed a reassessment of the source of the impacts.

Groundwater Remediation in Fractured Rock, State Superfund Site, *Kankakee, Illinois*. Principal hydrogeologist for the technical review of the remedial design of a hydraulic capture system in a shallow fractured rock aquifer. The review resulted in improvement in gradient control and mass recovered by interceptor trenches in a weathered bedrock zone and a recommended transition to in-situ chemical reduction.

In Situ Chemical Reduction, Former Industrial Facility, *Omaha, Nebraska*. Principal hydrogeologist for the design of an in situ chemical reduction remedy using micro-scale zero valent iron (mZVI) to enhance natural attenuation of solvent-impacted groundwater in a residential area. Assessed the attenuation processes and capacity of the aquifer using Compound Specific Isotope Analysis (CSIA). US EPA accepted the recommended termination of hydraulic control.

In Situ Groundwater Remediation, Remedy Selection, *Indianapolis, Indiana.* Senior reviewer of an evaluation of the overall design and cost to implement in situ bioremediation and in situ chemical reduction for remediation of solvent-impacted groundwater.

Evaluation of a Fractured Rock Groundwater System, State Superfund Site, *Upstate New York.* Mr. Tollefsrud reevaluated the conceptual site model and proposed remedial action plan for a site where groundwater was impacted by chlorinated solvents. A release of trichloroethene and tetrachloroethene from a former industrial site had impacted the fractured rock groundwater system including drinking water wells in the area. Mr. Tollefsrud's review resulted in a significantly revised conceptual site model, including a change in the understanding of the primary flow direction of the plume, that demonstrated important issues to address in a proposed remedy and provided recommendations for alternative approaches.

Pumping Cessation Pilot Test Plans, Superfund Site, *Minnesota.* Principal hydrogeologist for plans for cessation of hydraulic control systems in shallow aquifers, transitioning to monitored natural attenuation. Conducted for a large former wood treatment and creosote distillation site where PAH and benzene impacts to groundwater extended over several square miles, the work required facilitating input and approval from multiple project stakeholders.

Technical Support – Review of 1,4-Dioxane Effects in a Feasibility Study, Superfund Site, *Minnesota.* Mr. Tollefsrud provided review and input on behalf of a responsible party at a Superfund Site in Minnesota, where a municipal drinking water system was being impacted by 1,4-dioxane. Geosyntec was tasked with review of a feasibility study and pre-design document for treatment plant design modifications at a municipal drinking water system impacted by 1,4-dioxane, polyaromatic hydrocarbons (PAHs) and volatile organic compounds (VOCs). The review included evaluation of the transport of 1,4-dioxane through the bedrock aquifer and predictive estimates of future 1,4-dioxane concentrations at the municipal well.

Evaluation of Remedial Options for 1,4-Dioxane, Superfund Site, *Bay Area, California.* Mr. Tollefsrud directed an expert team to evaluate remedial options for a groundwater pump and treat system remediating a groundwater plume containing 1,4-dioxane and vinyl chloride. The team reviewed the conceptual site model and provided focused recommendations for modifications to the pump and treat remedy based on the unique characteristics of 1,4-dioxane.

Monitored Natural Attenuation Assessment, Former Chemical Distribution Facility, *Burlington, Iowa*. Mr. Tollefsrud planned and implemented the collection and evaluation of carbon-isotope data to provide unequivocal proof of biodegradation and to calculate biodegradation rates, leading to better decisions regarding groundwater monitoring and remedial planning at a RCRA corrective action site.

Monitored Natural Attenuation Assessment, Former Industrial Facility, *Omaha, Nebraska*. Mr. Tollefsrud planned and directed the detailed evaluation of natural attenuation of a chlorinated solvent plume underlying a residential area. The project team used groundwater chemical concentrations, hydrostratigraphic information and results from Compound Specific Isotope Analysis to assess and document the processes and capacity of subsurface conditions to attenuate 1,1,1-trichloroethane (TCA), 1,1-dichloroethene (1,1-DCE) and trichloroethene (TCE) in groundwater. The work led to recommendations for termination of interim source control measures as they were no longer needed, adjustments to the groundwater monitoring network, and concluded that TCA was no longer a chemical of concern based on its attenuation and that natural attenuation was effectively reducing the mass and stabilizing the extent of 1,1-DCE and TCE in groundwater.

Remedial Investigation/Feasibility Study in a Bedrock Groundwater System, Former Circuit-Board Manufacturer, *Republic, Missouri*. Mr. Tollefsrud served as Field Hydrogeologist, managing field data collection during a remedial investigation of a chlorinated hydrocarbon plume under CERCLA. Data collection activities included deep bedrock wells and surface geophysical

data collection, including a very low frequency electromagnetic survey. The characterization involved isolating preferential flow paths for the groundwater plume along fracture zones and at the weathered bedrock/bedrock interface, installing monitoring wells along the flow path in support of remedial design options. The work also involved conversion of deep bedrock wells with long open boreholes into targeted monitoring wells by sealing off discrete zones.

Technical Support, Fuel Release to a Fractured and Karst Rock Groundwater System, Rural Site, *Southern Missouri*. Mr. Tollefsrud provided technical support to legal counsel in the delineation of the extent of soil, surface water, and groundwater contamination resulting from the rollover of a petroleum transport tanker truck. The project involved evaluating fractured rock and karst conditions to characterize the hydrogeologic setting, groundwater flow direction, and the magnitude and extent of release impacts. Work included evaluating impacts to drinking water wells in the release area.

Groundwater Investigation and Remediation, Former Chemical Distribution Facility, RCRA Site, *Omaha, Nebraska*. Mr. Tollefsrud served as Project Manager. He planned, obtained USEPA approval for, and implemented a significant groundwater and soil remediation project to address impacts from chlorinated solvents and pesticides. The work included characterizing the hydrogeological conditions, magnitude and extent of VOC and pesticide impacts to groundwater, evaluating the fate and transport of VOCs, and identifying potential receptors. Mr. Tollefsrud directed the team that designed, implemented, and assessed the results of a predesign study to size and locate groundwater extraction and treatment equipment, and then designed, contracted and constructed a 70,000-gallon-per-day (gpd) groundwater extraction treatment and discharge system. The work also included directing the design and implementation of an engineered barrier over an area of pesticide-impacted soil.

Evaluation of a Fractured Rock Groundwater System, State Superfund Site, *Upstate New York.* Principal hydrogeologist for the reevaluation of the conceptual site model and proposed remedial action plan for a site with solvent impacts to the fractured rock groundwater system including drinking water wells in the area, resulting in significant improvement in the understanding of the primary flow direction of the plume critical to an evaluation of a proposed in-situ remedy.

Groundwater Investigation, State Superfund Site, Former Chemical Distribution Facility, *Fayetteville, North Carolina*. Mr. Tollefsrud served as Principal-in-Charge, directing the remedial investigation of a 2-acre former chemical distribution facility impacted by solvents and petroleum hydrocarbons. He assembled an expert technical team and oversaw the collection and evaluation of hydrogeochemical data. The investigation resulted in a significantly revised conceptual site model that resulted in a shift in remedial strategy from hydraulic capture to focused source zone remediation and monitored natural attenuation.

Groundwater Investigation and Remediation, Former Chemical Distribution Facility, RCRA Site, *Minneapolis, Minnesota*. Mr. Tollefsrud served as Principal Hydrogeologist for a RCRA facility investigation (RFI) of groundwater impacted by chlorinated hydrocarbons, primarily tetrachloroethene and 1,1,1- trichloroethane. Releases of solvents from a chemical distribution

facility had impacted groundwater in a neighborhood with mixed industrial/commercial/residential land uses. Mr. Tollefsrud successfully negotiated the scope of work with the Minnesota Pollution Control Agency's (MPCA's) RCRA program as a voluntary action, avoiding a Consent Order. He was the primary author of the RCRA Facility Investigation Report documenting hydrogeologic conditions of the Site, the magnitude and extent of volatile organic compounds (VOCs) in groundwater, the fate and transport of VOCs, and evaluation of potential receptors. Mr. Tollefsrud was also the primary author of the Corrective Measures Study Report for the Site that was accepted by the MPCA, evaluating potential groundwater remedies and leading to an approved remedy. Mr. Tollefsrud directed and implemented an in situ enhanced anaerobic dechlorination system to remove source material impacting groundwater.

Groundwater Remediation, Brownfield Site, *St. Louis Park, Minnesota*. Mr. Tollefsrud served as Project Manager to review existing hydrogeologic data and identify data gaps preventing sufficient characterization for a cleanup to proceed at a former industrial property contaminated by lithium-processing waste, petroleum hydrocarbons, and metals. Prepared a work plan, met with the Minnesota Pollution Control Agency to resolve any issues with their approval of the plan, and directed all stages of implementation of the plan including soil and groundwater sampling, waste sampling, test trenching, well installation, sampling, pumping tests, and groundwater modeling. He prepared a site conceptual model and a remedial action plan documenting the findings of the investigation, including plans for a major excavation of wastes and contaminated soil, off-site waste disposal, on-site contaminated soil management, contaminated groundwater extraction, and groundwater monitoring. The site was successfully redeveloped into an office/warehouse facility.

Hydrogeological Evaluation of a Former Foundry Sand Landfill, *Greenfield, Wisconsin*. Mr. Tollefsrud served as Principal Hydrogeologist and directed the characterization of a sand foundry landfill for environmental concerns in advance of redevelopment of the property for residential use. The sampling and analysis plan included soil, groundwater, surface water, and sediment sampling for metals, volatile organics, and polyaromatic hydrocarbons. The sampling plan was developed using visual sampling plan software to randomize sample locations. The plan was approved by the Wisconsin Department of Natural Resources and was used to effectively characterize the site.

Groundwater Remediation, Brownfield Site, *Milwaukee, Wisconsin*. Mr. Tollefsrud served as Senior Hydrogeologist and evaluated geochemical and hydrogeologic data from the investigation of a chlorinated hydrocarbon plume in groundwater at a redevelopment site. He evaluated the fate and transport of chlorinated hydrocarbons in groundwater at the site and assessed the reliability of monitoring natural attenuation as a remedy to address the plume based on an evaluation of site concentrations, risk-based concentrations, and area groundwater usage. The recommendation has been approved by the Wisconsin Department of Natural Resources (WDNR).

Remedial Investigation, Dry Cleaner, *Minneapolis, Minnesota*. Mr. Tollefsrud served as Technical Lead for this site characterization. He planned and implemented an investigation of a

release of tetrachloroethene at an operating industrial dry-cleaning facility, under the Minnesota Voluntary Investigation and Cleanup Program.

Groundwater Remediation, Brownfield Site, *Fridley, Minnesota*. Mr. Tollefsrud served as Senior Hydrogeologist and evaluated geochemical and hydrogeologic data from the investigation of a chlorinated hydrocarbon plume in groundwater at a redevelopment site. He evaluated the reliability of monitoring natural attenuation to address the plume based on an evaluation of site concentrations, risk-based concentrations, and area groundwater usage. The recommendation was approved by the MPCA.

Remedial Investigation/Feasibility Study, Heavy Equipment Manufacturing Facility, *Dubuque, Iowa.* Mr. Tollefsrud served as Hydrogeologist and managed field data collection during a remedial investigation of a large chemical spill under CERCLA and later directed the long-term groundwater monitoring program as part of a response action, also under CERCLA. Data collection included soil sampling, groundwater sampling, and aquifer testing. Long-term groundwater monitoring included annual groundwater sampling and analysis at 20 wells for VOCs and metals, operating electronic data loggers for continuous water-level recording for 5 years, managing a large volume of water quality and hydraulic data, and preparing quarterly reports.

RCRA Facility Investigation, Former Chemical Distribution Facility, *Burlington, Iowa.* Mr. Tollefsrud served as Project Manager and negotiated scope, prepared the Description of Current Conditions report and RFI work plan. The facility area is characterized by groundwater flow reversals in a shallow alluvial aquifer. He designed and implemented a monitoring plan using specialized down-hole water level monitoring equipment to continuously monitor water levels, and located river stage data on line from the U.S. Army Corps of Engineers to evaluate overall groundwater flow. Soil and groundwater conditions were characterized primarily using direct-push sampling equipment to minimize installation of permanent monitoring points.

Closure of Remediation Systems, State Superfund Site, *Ludlow, Kentucky*. Mr. Tollefsrud served as Project Manager. He reviewed available data contained in 12 years' worth of reports and work plans and provided expert opinion regarding completeness of the investigation, remedial options, and effectiveness of the current remedial approach, which was soil vapor extraction/groundwater pump and treat/monitored natural attenuation. He negotiated closure of corrective action at the site and oversaw the decommissioning of the soil vapor extraction and groundwater pump and treat systems.

Nitrate Remediation Design, Agricultural Chemical Facility, *near Aberdeen, South Dakota*. Mr. Tollefsrud served as Project Director. He planned and oversaw the remediation of a site impacted by a liquid fertilizer release. Working with the client and regulator, developed site specific cleanup goals for nitrate plus nitrite in soil and ammonia in soil, planned and directed the removal of impacted soil including developing a limited risk evaluation for the site.

Nitrate in Groundwater Assessment, *Hawarden, Iowa*. Mr. Tollefsrud served as Project Director. He planned and oversaw the assessment of nitrate in soil and groundwater at an operating

agricultural chemical facility. The facility was in the source water protection area for a municipal well field. The work involved developing a detailed site conceptual model, developing and implementing a plan to characterize soil and groundwater conditions at the site, and supporting decisions regarding site remediation.

Quality Assurance Project Plan, *Confidential Client, San Gabriel Valley, California*. Mr. Tollefsrud served as Lead Author of the quality assurance project plan (QAPP) for a large, multiple stakeholder Superfund site near Los Angeles, California. The QAPP addressed groundwater data collected in the course of the implementation of the Performance Standards Evaluation Program, which was the long-term remediation program for the Superfund site.

Litigation Support, Mud-Mixing Facilities, *Various Sites, U.S.* Mr. Tollefsrud served as Expert Consultant and evaluated investigation and remediation reports for compliance with the National Contingency Plan (NCP).

PROFESSIONAL EXPERIENCE

Geosyntec Consultants, Inc., Minneapolis, Minnesota, 2011 - present
AMEC Geomatrix, Inc., Minneapolis, Minnesota, 2008 - 2011
Geomatrix Consultants, Inc., Minneapolis, Minnesota, 1995 - 2008
Geraghty & Miller, Inc., Minneapolis, Minnesota, 1991 - 1995
Geraghty & Miller, Inc., Lawrence, Kansas, 1988 - 1991

PUBLICATIONS AND PRESENTATIONS

16-01 "Environmental Science for Attorneys." E.J. Tollefsrud and P.L. Brookner. Minnesota State Bar Association, Minneapolis, MN. January 2016.

13-01"Challenges and Strategies for Groundwater Cleanup: Site Closure or Long-Term Management?" E.J. Tollefsrud and P.L. Brookner. Hennepin County, Minnesota Bar Association, Environmental Section, Minneapolis, MN. March 2013.

12-01"Implementation of Bioaugmented Enhanced Anaerobic Dechlorination in a High Groundwater Velocity, Low Organic Carbon Source Area". E.J Tollefsrud. Eighth International Conference on Remediation of Chlorinated and Recalcitrant Compounds, Monterey, CA. May 2012.

10-01 "A Pneumatic Barrier to Vapor Intrusion". E.J. Tollefsrud and D.L. Richardson. Seventh International Conference on Remediation of Chlorinated and Recalcitrant Compounds, Monterey, CA. May 2010.

06-01 "Subsurface Vapor Intrusion." E.J. Tollefsrud and B.L. Johnson. Fifth International Conference on Remediation of Chlorinated and Recalcitrant Compounds, Monterey, CA. May 2006.

06-02 "Vapor Intrusion Seminar." Presented in conjunction with Gray, Plant, Mooty Law Firm,

the Minnesota Pollution Control Agency and the Minnesota Department of Health, Minneapolis, MN. February 2006.

06-03 "Subsurface Vapor Intrusion - A Case Study." E.J. Tollefsrud and B.L. Johnson. Nielsen 2006 North American Field Conference and Exposition, Tampa, FL. January 2006.

04-01 "The Versatility of Passive Diffusion Bag Samplers for Groundwater Sampling." E.J. Tollefsrud, S.W. Warner, and B.L. Longino. Fourth International Conference on Remediation of Chlorinated and Recalcitrant Compounds, Monterey, CA. May 2004.

04-02 "Demonstrating Natural Attenuation and Remedial Efficacy Using Passive Diffusion Bag Samplers." E.J. Tollefsrud, S.W. Warner, and B.L. Longino. 2004 North American Environmental Field Conference and Exposition: Advances in Site Characterization and Monitoring Technology, Tampa, FL. January 2004.

03-01 "Predicting Future Standards from Past Actions." E.J. Tollefsrud. Hennepin County (MN) Bar Association, Environmental Section, Minneapolis, MN. October 2003.

02-01 "Effectiveness of Chemical Oxidation to Remove Organochlorine Pesticides from Soil." E.J. Tollefsrud and C.G. Schreier. *Proceedings of the Third International Conference on Remediation of Chlorinated and Recalcitrant Compounds, Monterey, CA.* A.R. Gavaskar and A.S.C. Chen, eds. May 2002.

AFFILIATIONS

Interstate Technology and Regulatory Council (ITRC) Characterization and Remediation of Fractured Rock, Team Member

American Institute of Professional Geologists (AIPG), Past President (2010), Minnesota Section

Minnesota Ground Water Association (MGWA), Editor, Quarterly Newsletter

Minnesota Brownfields

Geosyntec
consultants

WILLIAM E. WERTZ, Ph.D. **subsurface vapor transport & inhalation exposure**
innovative technology development

EDUCATION

Ph.D., Geology, Pennsylvania State University, University Park, Pennsylvania, 1983

B.S. (Honors), Geochemistry, Pennsylvania State University, University Park, Pennsylvania, 1974

CAREER SUMMARY

Dr. Wertz is a Senior Consultant based in Albany, New York with more than 30 years of experience in investigation and remediation of contaminated groundwater, soil and vapor intrusion sites. From 1982 to 2010, he worked for the New York State Department of Environmental Conservation (NYSDEC) on many of the largest and most complex remedial sites in the State. From the early 2000's through the present, his primary focus has been on the assessment and mitigation of vapor intrusion. Prior to joining Geosyntec in 2010, he served as the New York State Department of Environmental Conservation's (NYSDEC) technical lead on the development of the State's "Guidance for Evaluating Soil Vapor Intrusion in the State of New York, and on the development of several other policy documents related to vapor intrusion. He developed the technical criteria and headed the team that evaluated the vapor intrusion pathway at more than 400 "legacy" sites in the state. He conducted research on the spatial and temporal variability of volatile organic compounds in sub-slab soil vapor and indoor air, on the comparability of data collected from passive diffusion samplers (modified EPA TO-17) and Summa® samplers, and on the impacts of subslab depressurization systems (active and passive) on the subslab concentration of VOCs. His research was used to develop NYSDEC policies on how to conduct vapor intrusion evaluations (number of samples, time of year to sample, which locations within and beneath a home to sample, use of tracers), how long to monitor structures where a potential for vapor intrusion exists, and when to consider "blanket mitigation" of adjacent structures in a neighborhood.

William has continued to focus on vapor intrusion assessment and mitigation since joining Geosyntec in 2011. He has conducted vapor intrusion investigations for the United States Air Force, the United States Navy and corporate clients. He has designed mitigation systems for large buildings for industrial clients and for residential buildings and has provided litigation support. He serves on the USEPA's vapor intrusion technical workgroup. He also coauthored draft vapor intrusion guidance for the Air Force, and has lead vapor intrusion training seminars for regulators and the public.

William currently serves as co-principal investigator on two Department of Defense **Environmental Security Technology Certification Program** (ESTCP) technology demonstration programs: ***Demonstration/Validation of More Cost-Effective Methods for Mitigating Radon and VOC*** (ESTCP Project 13 EB-ER1-015)**,** and ***Mass Flux Characterization for Vapor Intrusion Assessment*** (ESTCP Project 15 EB-ER1-008). The goal of these programs is to develop more effective and efficient methods for characterizing vapor intrusion risks and optimizing mitigation systems.

Applied Research

Temporal and Spatial Variability in the Distribution of VOCs in Sub-slab and Indoor Air. Principal investigator on a New York statewide project to characterize the distribution of VOCs at residential structures and the factors that influence it.

Evaluation of Passive Samplers for Vapor Intrusion Assessment, NYSDEC, NY. Principal Investigator for a study comparing quantitative passive samplers/TO-17 and Summa canister /TO-15 analyses for use in vapor intrusion assessments at residential structures.

Application of High Volume Sampling for Soil Vapor Intrusion Assessment, and Mitigation Design. Project Manager for application of a High Volume sampling method for vapors in soil gas, including monitoring of vapor concentrations as a function of volume removed to assess the distribution of concentrations between and beyond probe locations, volume-integrated sampling via passive samplers in flow-through cells and canister samples via slip-stream, transient monitoring of vacuum vs time and analysis using a leaky aquifer model of pumping tests to assess vadose zone stratigraphy, and helium tracer testing to verify mass balance and leakage.

Mass Flux Characterization for Vapor Intrusion Assessment. Co-principal investigator ESTCP Project 15 EB-ER1-008. Three independent techniques for measuring flux from the subsurface into a building are being tested. The first method is based on measuring vertical soil concentration gradients and soil moisture and calculating the flux using a form of Fick's Law. The second method is based on measuring the building air exchange rate and indoor air concentrations. The third is based on capturing the contaminant vapor from below the building using a sub-slab venting system and measuring the flow rate and corresponding vapor concentrations. The underlying assumptions are that upward diffusion from a source below the building is the rate limiting process associated with vapor intrusion, that the sub-slab venting system captures substantially all of the available mass flux, and that in the absence of sub-slab venting, all available mass flux enters the building. The expected benefits of this research are the development of a more effective, more efficient and less expensive process for assessment and mitigation of vapor intrusion related risks.

Demonstration/Validation of More Cost-Effective Methods for Mitigating Radon and VOC. Co-principal investigator ESTCP Project 13 EB-ER1-015. The purpose of the ongoing research is to demonstrate and validate a more technically advanced process for design and optimization of sub-slab venting (SSV) systems to reduce the capital and long-term costs of mitigating vapor intrusion for VOCs and radon. The current standards of practice for design, installation, operation and maintenance are essentially the same for VOCs and radon (e.g., ASTM E2121-12). These practices are based on technology that is decades old and depend primarily on a single performance metric (sub-slab vacuum) that is not an ideal metric because of limitations imposed by measurement sensitivity and baseline fluctuations in the cross-slab pressure differential. As a result, the current standard design results in very poor energy efficiency and excessive cost. The project demonstrates how a test procedure analogous to a groundwater pumping test can be performed very quickly and efficiently for sub-slab gas flow and can be used with mathematical modeling and selective performance monitoring to achieve a much more cost-effective mitigation system. The test procedure provides 5 lines of evidence, including: 1) vacuum vs distance (manometer), 2) vacuum vs time (data logger/pressure transducer), 3) travel time vs distance in the sub-slab region (tracer test), 4) VOC vapor concentration vs volume removed (photoionization detector and selected laboratory analysis) and 5) mass flux (flow x concentration). These lines of evidence can be used to solve uniquely for sub-slab transmissivity, cross-slab leakance and thickness of the permeable zone beneath the slab, which are the key inputs for mathematical modeling of the subslab venting system.

Building Pressure Cycling to Discern Vapor Intrusion from Background Sources. Principal Investigator for sites at which building pressure cycling was used to assess vapor intrusion at structures where traditional sampling methods were either not practicable, or were inconclusive. Samples collected during periods of depressurization were used to estimate reasonable maxim exposure concentrations for use in a risk assessment.

Regulatory and Other Guidance Documents

New York State Department of Environmental Conservation's (NYSDEC) technical lead on the development of the State's Guidance for Evaluating Soil Vapor Intrusion in the State of New York (2006), DER-13, Strategy For Evaluating Soil Vapor Intrusion at Remedial Sites in New York (NYSDEC 2006) and the vapor intrusion components of DER-10, Technical Guidance for Site Investigation and Remediation (NYSDEC 2010).

US EPA OSWER Guidance Expert Panel: Paid member of the expert panel developing EPA Technical Documents and Tools Prepared to Support Vapor intrusion Guidance Development, including: Background Indoor Air Concentrations of Volatile Organic Compounds in North American Residences (1990–2005): A Compilation of Statistics for Assessing Vapor Intrusion (2011); EPA's Vapor Intrusion Database: Evaluation and Characterization of Attenuation Factors for Chlorinated Volatile Organic Compounds and

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Residential Buildings (2012): and, Conceptual Model Scenarios for the Vapor Intrusion Pathway (2012).

PROFESSIONAL EXPERIENCE

Assistant Professor of Geology Beloit College, Beloit, Wisconsin, 1978-1980

Assistant Professor of Geology Hamilton College, Clinton, New York, 1980-1982

New York State Department of Environmental Conservation, Albany, New York, 1982 -2010

Geosyntec Consultants, Albany, New York, 2011 - Present

AFFILIATIONS

Geological Society of America, 1974 - present.

Hudson Mohawk Professional Geologists Association (former President), 1996 - present

TEACHING EXPERIENCE

Assistant Professor of Geology Beloit College, 1978-1980. Introduction to Geology, Sedimentary Petrology and Petrography, Paleontology, Environmental Geology, Field Methods.

Assistant Professor of Geology Hamilton College, 1980-1982. Introduction to Geology, Sedimentary Petrology and Petrography, Paleontology, Environmental Geology, Field Methods

REPRESENTATIVE PUBLICATIONS

15-01 Wertz, W., P. Brookner, P. Nicholson, A. Krasnopoler, Kevin Krueger. Around the School in 40 Days - Assessment and Mitigation of Vapor Intrusion Potential on an Accelerated Schedule. Battelle's Third International Symposium on Bioremediation and Sustainable Environmental Technologies: May 19-22, 2014. Miami, FL.

15-02 Wertz, W., T. McAlary, H.Groenevelt. Use of the Waterloo Membrane Sampler for Long-Term Monitoring of VOCs. Battelle's Third International Symposium on Bioremediation and Sustainable Environmental Technologies: May 19-22, 2014. Miami, FL.

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15-03 Wertz, W., T. McAlary, P Nicholson. Taking the Pressure Off Subslab Mitigation Design: New Methods for Design and Performance Monitoring. Battelle's Third International Symposium on Bioremediation and Sustainable Environmental Technologies: May 19-22, 2014. Miami, FL.

14-01 McAlary,T., P.Nicholson,B. Wertz, H.Groenevelt, M.Vanderkooy, R.Smith, R. Ettinger, C. Ramsey, C. Long. Comparing conventional and Innovative Vapor Intrusion Assessment Methods to Reduce Costs and Improve Data Quality and Spatial Resolution. Battelle's Ninth International Conference on Remediation of Chlorinated and Recalcitrant Compounds: May 19-22, 2014.

13-01 McAlary, T., R.Ettinger, S. Welt, J. Kurtz, D. Folkes, and W. Wertz, 2013. Update on the USEPA OSWER Guidance for Vapor Intrusion, platform presentation at the University Consortium for Field-Focused Groundwater Contamination Research Program for Annual Progress Meeting: May 30&31, 2013, Guelph, Ontario.

11-01 Schuver,H., and Wertz,W. 2011 A General (Evidence-Based) Framework for Assessing the Vapor Intrusion Pathway, Featured Article, EM Magazine, Air & Waste Management Association,

11-02 Wertz, W. 2011. Turning the VI Database on its Head, Some Thoughts on Screening Your Site and Improving the Efficiency of Site Evaluations, Presented at EPA/AEHS Workshop, 15 March 2011 - Update on Vapor Intrusion at U.S. EPA, San Diego Ca.

11-03 Wertz, W. and T. McAlary. 2011. Next Generation Vapor Intrusion Assessment and Mitigation, Presented at the United States Air Force Restoration and Technology Transfer Workshop, 11 March 2011, San Antonio Tx.

10-01 Wertz, W. 2010. New York State's Approach to Vapor Intrusion. *Proceedings 18th Section Fall Meeting:The ABA* ***Section of*** *Environment, Energy, and Resources Law Summit.* New Orleans, LA.

10-02 Wertz, W. 2010. Home, Home On The Range, Assessing The Potential for Vapor Intrusion In Light Of (In Spite Of) Highly Variable Data. Invited Presentation, SERDP/ESTCP Technical Exchange Meeting on Vapor Intrusion Salt Lake City, UT.

10-03 Wertz, W. 2010 Invited Panelist, Regulatory Panel Discussion - Grappling With Vapor Intrusion, AEHS 26th Annual International Conference on Soils, Sediments, Water and Energy, Amherst MA.

10-04 Wertz, W. and R. Ettinger. 2010. "Soil Vapor Intrusion Training In The New Economy". A Vapor Intrusion Workshop presented at the ASTSWMO *2010 Remediation and Reuse Symposium Remediation and Reuse in the New Economy*. Portland OR.

10-05 Wertz, W. 2010. Greenpoint Petroleum Vapor Intrusion Study, Presented at EPA/AEHS Workshop, 16 March 2010 - Update on Vapor Intrusion at U.S. EPA, San Diego, CA.

09-01 Wertz, W. 2009.Temporal and Spatial Variability in the Distribution of Subsurface VOCs: Implications for Vapor Intrusion Evaluations. Invited Presentation, *Midwestern States Risk Assessment Symposium*. Indianapolis, IN.

09-02 Wertz, W. 2009. Invited Panelist, Regulatory Panel Discussion - Grappling With Vapor Intrusion, AEHS 26th Annual International Conference on Soils, Sediments, Water and Energy, Amherst MA.

09-03 Folkes, D., W. Wertz, J. Kurtz, T. Kuehster. 2009. Observed Spatial and Temporal Distributions of CVOCs at Colorado and New York Vapor Intrusion Sites *Groundwater Monitoring & Remediation* 29, no.1: 70-80.

08-01 Wertz, W. 2008. Spatial and Temporal Variability of Vapor Intrusion Data, Invited Presentation, Vapor Intrusion Workshop AEHS 26th Annual International Conference on Soils, Sediments, Water and Energy, Amherst MA.

08-02 Wertz, W. 2008. Vapor Intrusion Challenges Making Good Decisions In The Face Of Uncertainty. Invited Presentation, Strategic Environmental Research and Development Program (SERDP) and the Environmental Security Technology Certification Program (ESTCP) Technical Symposium. Washington D.C.

07-01 Wertz, W. and T. Festa. 2007. The Patchy Fog Model of Vapor Intrusion. *Proceedings AWMA Vapor Intrusion Conference, Vapor Intrusion - Learning From the Challenges.* Providence, RI.

07-02 McDonald, J., and W. Wertz. 2007. PCE, TCE, and TCA Vapors in Subslab Soil Gas and Indoor Air: A Case Study in Upstate New York. *Groundwater Monitoring & Remediation* 27, no.4: 86-92.

06-01 Wertz, W. 2006. Mitigating Vapor Intrusion. *Northeast Waste Management Officials' Association (NEWMOA) and the Brown University Superfund Basic Research Program (SBRP) Vapor Intrusion Mitigation Workshop.* Providence RI

06-02 Wertz, W., 2006. Mitigating Vapor Intrusion -A Case Study. *Proceedings AWMA Vapor Intrusion Conference,* Phil., PA

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Appendix E
IRM PDI Data Collected from the Former Sperry Remington Site (NYSDEC #808043)

Findings from #808043 Revised Interim Remedial Measure Work Plan, Revised Final (Geosyntec, 2018d)

2. IRM PRE-DESIGN INVESTIGATION SUMMARY

2.1 Summary of Previous Investigations

Potential hydraulic connections to OS2 and the Site Culvert, as well as connections between the two structures, and other potential sources were evaluated during the 2012 IRM PDI and Site Characterization of the Former Sperry Remington Site – North Portion (NYSDEC #c808022) located on the EHS property and the Former Scott Technologies Site (NYSDEC #808049) located on the STCC property. Findings of those investigations have been presented previously in the following reports:

- Remedial Investigation Phase 1 Data Report, Former Sperry Remington Site, 18 November 2011
- Revised Interim Remedial Measure Pre-Design Investigation Data Report, Former Sperry Remington Site, 19 February 2013;
- Site Characterization Data Report, Former Sperry Remington Site – North Portion, 6 February 2015; and
- Site Characterization Data Report, Former Scott Technologies Site, 13 May 2016.

2.1.2 OS2 Structure and Connections

Plan and cross-sectional depictions of OS2 are shown on **Figure 3**. The top of OS2 has been observed to be 12 to 36 inches below the ground surface. Observed inlet and outlet connections to OS2 include:

- A concrete-encased eighteen-inch (18-inch) pipe traverses the Site Culvert from the south and connects to OS2 in a manner that partially obstructs flow within the Site Culvert. The encased pipe is approximately eighty-eight (88) feet from the western end of the Site Culvert and is approximately three (3) feet tall by three (3) feet thick and was observed to be two-thirds (2/3) submerged in water inside the Site Culvert, approximately three (3) feet from the crown of the Site Culvert. The bottom of the Site Culvert drops several feet to bypass beneath the concrete encased pipe (see the Site Culvert profile in **Appendix B**);
- An approximate five-foot (5-ft) box culvert enters the bottom of OS2 at the eastern end;
- A twelve-inch (12-in) high by fifty-two-inch (52-in) wide rectangular opening is present on the north side of the Site Culvert approximately fifty-seven (57) feet from its western end opening directly to OS2. The rectangular opening is approximately three and one-half (3.5) feet above the base of the Site Culvert and was observed to be approximately three (3) feet above the water line in the Site Culvert during the 2012 IRM PDI;

- Four (4) 12-in diameter pipes penetrate the south side of OS2 at the water line in the Site Culvert below the rectangular opening then turn downward below the observed water line inside OS2; and
- Two (2) three-inch (3-in) diameter steel connections on the north side approximately three (3) feet below the top of OS2.

2.2 2017 Pre-Design Investigation

On 17 October 2017, Unisys submitted an IRM PDI Work Plan to collect data needed to evaluate IRM options and complete an IRM design. NYSDEC gave conditional approval on 23 October 2017. The objective of the IRM PDI was to determine whether inlets to OS2 are connected to active storm water infrastructure on the EHS and STCC properties. Field work for the 2017 IRM PDI was conducted between 6 and 17 November 2017. Geosyntec mobilized to the Site with Remedial Construction Services, L.P. (RECON) on 6 November 2017. RECON set up temporary fencing and cleared vegetation in preparation for PDI activities. PDI activities presented in the 2017 IRM PDI Work Plan including geophysical surveys, test pitting and in-line camera surveys are described in the following sections.

2.2.1 Utility Clearance and Geophysical Survey

Prior to test pitting, vegetation was cleared in the southeast corner of the EHS property to provide access for other PDI activities. Ground Penetrating Radar Systems, LLC (GPRS) of Rochester, New York conducted a geophysical survey on 6 November 2017 to identify subsurface utilities and structures. Additional geophysical surveys were conducted near CB-6 and CB-10 (see **Figure 4**). Geophysical anomalies were identified in the vicinity of OS2 and former Oil Skimmer #1 (OS1) near the EHS basketball hoops in the rear parking lot. New York Leak Detection (NYLD) of Jamesville, New York conducted a utility survey on 9 November 2017 to determine the direction of a downstream connection from CB-6. Copies of geophysical survey reports provided are presented in **Appendix C**.

During vegetative clearing, a manhole ring was observed east of the EHS fence adjacent to an unfinished concrete slab. Hand digging around the manhole ring identifed a manhole cover underneath the manhole ring but no subsurface structure. A mini excavator was used to lift the concrete slab and a brick manhole structure (CB-15) was observed. The location of CB-15 is shown on **Figure 4**. Observations from the surface identified three connections to CB-15: to the north; east; and west with an approximate depth of 10.5 feet. Fine-grained material was observed in the bottom of the structure. Water was not observed in this structure. Pursuant to the PDI Work Plan, fine-grained material CB-15 was identfied for sampling and completion of an in-line camera survey was specified.

2.2.2 Test Pit and Trenching

A test pit & trenching program was conducted to identify potential subsurface structures connecting to OS2. This investigation took place in four (4) test pit zones on EHS and STCC properties: Test Pit 1 (TP-1), Test Pit 2 (TP-2), Test Pit 3 (TP-3), and Test Pit 4 (TP-4). Within each zone, one or more pits/trenches were excavated to locate connections and structures related to the former combined industrial sewer. Test pit locations are shown on **Figure 4**. A photoionization detector (PID) was used for testing head space in test pits, samples, and ambient air. PID readings did not exceed 0.3 ppm during this PDI program. Test pit investigation logs and photographs are provided in **Appendix D**. Composite samples of soil spoils were collected to characterize relevant test pits. Soil samples were submitted to the Test America analytical laboratory for analyses for PCBs, semi-volatile compounds (SVOCs), and metals in accordance with Quality Assurance Project Plan (QAPP). Copies of analytical reports are provided in **Appendix E**.

Upon completion, test pits were backfilled with a demarcation layer (i.e. geotextile), test pit spoils, a second demarcation layer, and one (1) to two (2) feet of #1 and #2 stone approved for import based on current land use. Fill thickness was two (2) feet on the EHS property and one (1) foot on the STCC property. Test pit spoils not used as backfill were contained in a roll-off container pending waste characterization.

2.2.2.1 Test Pit TP-1

TP-1 was completed to investigate the extent of the 18-inch inlet to OS2 to the southeast. Several supplemental test pits were dug to investigate the gas line and horizontal extent of OS2 and Site Culvert. TP-1 test pit locations are shown on **Figure 4**. Test trench TP-1.1 was oriented from northeast to southwest on the southwest side of OS2. TP-1 measured 2.5 feet in width, 10 feet in length and was excavated to an approximate depth of eight (8) feet below ground surface (ft bgs). TP-1.1 lithology consisted of topsoil, underlain by dark gray fill dominated gravelly silt, orange mottled silty sand with gravel and underlying yellow-brown sandy silt with an abundance of yellow brick. No staining, odor, or elevated PID reading were noted during excavation. No structures were identified. One sample, TP1_01_11092017, was collected from TP-1.1 soil spoils.

2.2.2.2 Test Pit TP-2

The purpose of TP-2 test pitting was to investigate potential connections between CB-15 and OS2, and the 5-ft box culvert as shown on **Figure 4**. One test trench (TP-2.1) was located southwest of CB-15 and the second (TP-2.2) was excavated above and extending out to the northeast and southeast edge of OS2.

TP-2.1 was oriented northwest to southeast, parallel to the EHS fence line. An eight-foot (8-foot) long by one-foot (1-foot) wide trench was excavated to depth of approximately nine (9) ft bgs at which an approximately six-foot (6-foot) wide culvert was identified as the connection between CB-15 and OS2. A second smaller pit (a continuation of TP-2.1) was dug approximately eight (8)

feet to the west (closer to OS2) to identify the concrete top of the 5-ft box culvert. The cement top was identified at approximately eight (8) ft bgs, verifying the depth and directional trend of the 5-ft culvert connection. Sample TP2_01_110817 was collected from TP-2.1 soil spoils. No staining, odor, or high PID readings were observed during excavation.

TP-2.2 was initiated to further examine potential connections to OS2 from the east. TP2.2 approximate dimensions were twenty (20) feet long and eleven (11) feet wide and a depth of approximately eight (8) feet. TP-2.2 was an irregular polygonal shape composed of a series of excavated trenches to investigate the northern and southern edges of OS2, the OS2 manhole, and the 5-ft box culvert headed northeast. TP-2.2 also investigated soils directly above OS2 with excavations to a depth of 2.5 ft. TP-2.2 pit was dug to identify the connecting former industrial sewer lines to OS2 between 4 and 8 ft bgs. The 5-ft box culvert was located at approximately eight (8) ft from the northeast corner of OS2. This observation confirmed the connection between CB-15 and OS2. The concrete ceiling of the 5-ft box culvert was observed approximately six and a half (6 ½) ft bgs, the two edges of the 5-ft box culvert were excavated to 8 ft bgs (but the base was not observed). No staining, odor, or high PID readings were observed during excavation, one sample TP2_02_110817 was collected to characterizes the soil spoils from TP-2.2.

2.2.2.3 Test Pit TP-3

The purpose of TP-3 test pitting was to investigate structures previously observed in prior camera surveys downstream of CB-6, to the south and east. Test pit locations are shown on **Figure 4**.

TP-3.1 was located in a grassy area on the north end of the parking lot, southeast of the gas line and trending northeast-southwest across the parking lot. TP-3.1 reached dimensions of two (2) feet long, ten (10) feet wide, and eleven (11) feet deep. Sample TP3_01111017 characterized the soil spoils of TP-3.1. No structures were observed during TP-3 excavation.

A second test pit (TP-3.2) was located further northwest, closer to CB-6, at the location where the previous camera survey showed a sewer line take a sharp right turn. TP-3.2 was excavated with approximate dimensions of two (2) feet long, ten (10) feet wide, and nine (9) deep. Similar to TP-3-1, no structures were encountered.

Both TP-3.1 and TP-3.2 contained soil of similar color and composition, the soil color alternated between yellow-brown to dark brown and ranged in composition from silty sand with gravel to silty gravel with coarse sand. No staining, odor, or high PID readings were detected in either excavation, one sample TP03_01111017 was collected to characterizes the soil spoils from TP-3.1. Because of the similarities in soil profile and proximity of TP-3.1 and TP-3.2 a second sample from TP-3.2 was not collected.

2.2.2.4 Test Pit TP-4

The purpose of TP-4 test pitting was to investigate potential connections and structures between CB-15 and CB-6. Test pit locations are shown on **Figure 4**. TP-4 test pits were also excavated to identify the location and depth of the gas line located along the EHS fence line and to identify a

subsurface anomaly observed during the geophysical survey. The subsurface anamoly coincided with a manhole shown on some historic maps but no manhole was encountered.

TP 4.1 was excavated north-west of CB-15, perpendicular to the EHS fence line to locate the pipe connection to CB-15. TP 4.1 trended northeast to southwest with approximate dimensions of eleven (11) feet long, two (2) feet wide and 11.5 feet deep. At approximately 11.5 ft bgs, at the excavator's depth limit, a solid structure was encountered. While not necessary for IRM planning and design, it is unknown if the structure connects to CB-15. Sample TP04_01_111317 characterizes the soil spoils removed from TP-4.1.

Test Pit 4.2 was excavated to the southwest of TP-4.1 to identify the location of a connection to the 5-ft culvert connecting to OS2 approximately ten (10) feet west from CB-15 (see Section 2.2.3). TP-4.2 was excavated with approximate dimensions of eleven (11) feet long, two (2) feet wide, and 11.5 feet deep. Sample TP4_02_111717 was collected from soil spoils characterizing the upper 10 ft. Hydrocarbon odors and dark staining were observed at an approximate depth of eleven (11) ft bgs. Sample TP4_03_111717 was collected to characterize this area of TP-4.2. No structure was observed.

2.2.3 Former Combined Industrial Sewer Inspection

The extent of the current and former combined stormwater and piping infrastructure was investigated for possible connections to OS2 is shown on **Figure 5**. Inspections were conducted by Kandey Company (Kandey) of West Seneca, New York. Video and photographs for each survey run are included for reference in **Appendix F**. General findings from in-line camera surveys are summarized as follows:

- Kandey conducted a confined space entry of CB-15 to collect samples of fine-grained material for laboratory analyses for PCBs, SVOCs and metals. First, sample CB-15_01_111617 was collected from the upper two (2) inches of fine-grained material in CB-15. After that sample was collected, Kandey attempted to locate the bottom of CB-15. No hard bottom was encountered to a depth of approximately ten (10) inches at which stained soil with a strong hydrocarbon odor was observed. Sample CB-15_02_111617 was collected from across the depth of fine-grained material, i.e. between two (2) and ten (10) inches, to characterize stained soil.

  During the confined space entry, connections to CB-15 were visually inspected. A connection to the east toward the railroad tracks was observed to have been plugged with concrete. A connection to the northwest was constructed of clay tile and appeared to run parallel to the EHS property line. A connection to the southwest appeared to connect to OS2. A brick arch and 30-inch brick sewer line was observed (see photograph included in **Appendix F**) on the right side of this connection approximately ten (10) feet from CB-15.

- A thirty-six-inch (36-in) sewer line was surveyed from CB-15 to the northwest. The line constructed of rectangular ceramic titles contained wet debris with wood and standing water. Roots and mud caked the walls of the tunnel indicating that at one time the line was

filled to at least 60% of the line capacity. At a distance of approximately of 245 ft, drier conditions were observed. At a distance of approximately 395 ft, a white two-inch (2-in) polyvinyl chloride (PVC) pipe was observed pushed through the side of the line breaking through tiles. Accumulated sand blocked further passage and the survey was abandoned.

- The 36-inch brick sewer line was surveyed from the 5-ft box culvert toward the northwest beginning approximately ten (10) feet southwest of CB-15. The line contained abundant roots, entering through the edges of the brick, abundant fine-grained material, cobbles, wood, and standing water. The survey continued straight for approximately fifty (50) feet until accumulated sludge prevented further progress and the survey was abandoned. The line continued straight as far as the camera could see.

- The 5-ft box culvert connecting CB-15 to OS2 was surveyed to the southwest from CB-15. The culvert was wet with abundant fine-grained material, cobbles, wood, and standing water. The concrete culvert appears to be constructed of concrete segments. The survey extended a distance of approximately thirty-nine (39) ft until accumulated sludge prevented further progress and the survey was abandoned. The internal baffles at the northeast inlet to OS2 were observed. The connection to OS2 was confirmed by observation of an object that had been lowered through the OS2 manhole.

- The camera was lowered through the manhole above the northeast side of OS2 to approximately a third of the depth of the manhole to observe connections from within OS2. OS2 was observed to contain some standing water and fine-grained material. The 18-in inlet in the southeast corner was observed to be half covered by water. A square cement culvert was observed at the base of the eastern wall, trending northeast toward CB-15. In the southwest corner, the faint outline of the four (4) pipes discharging to the Site Culvert and higher rectangular opening connecting were observed. On the northwest wall, two smaller pipes were observed to penetrate OS2. These observations were consistent with those from previous investigations.

- The 36-inch circular brick pipe heading southeast from CB-6 was re-surveyed. The direction of stormwater flow is assumed to be to the southeast. Standing water, wood debris, rocks, and fine-grained material were observed in the line, making survey progress difficult. At a distance of approximately twenty-six (26) feet, two (2) connections are observed within a subsurface structure. The connection on the left (east) is sealed with brick and is not considered active. The connection to the right (west) continued straight. At a distance of approximately thirty-nine (39) feet from CB-6, the line transitions from brick to concrete and takes a right turn (between 30 and 80 degrees) to the southwest. At a linear distance of approximately forty-six (46) feet from CB-6, the line turns back to the left (east) at about the same angle as the previous turn. A structural fracture in the line was observed at 10-12 o'clock within eight (8) inches of the joint at a distance of approximately fifty (50) feet. At a distance of approximately sixty-seven (67) feet, the line again turns left (45 to 80 degrees) to the south and transitions to a clay tile built line. The survey ended at a linear distance of approximately eighty (80) feet at where approximately seventy-five 75

percent (75 %) of the connection was blocked by fine-grained material, wood, and rock. The survey of this connection was consistent with those from previous investigations while providing additional information regarding the condition of the western branch.

- The connection heading northeast from CB-10 was re-surveyed in attempt to survey the entire line. The direction of stormwater flow is assumed to be to the north, northeast. The connection leaving CB-10 heading north is estimated to be approximately twenty-four (24) inches in diameter and constructed of hollow clay sections. The line started out relatively dry but contained coarse gravel and brick lining the bottom of the structure. At a distance of approximately twenty-five (25) feet from CB-10 the line bended slightly to the right (east) and appeared to slope downward. The line turned slightly to the left (northeast) continuing to slope downward at a distance of approximately sixty (60) feet. Standing water was observed beginning at a distance of approximately seventy (70) feet. The water level increased with distance until coarse debris was no longer visible at a distance of approximately one hundred fifteen (115) feet. At a distance of approximately one hundred (135) feet, a brick structure was observed. The line continued to ninety degrees (90°) to the left (north) with concrete construction. The water level was observed to increase with a depth reaching roughly the mid-section of the pipe. An opening to another structure was observed at a distance of approximately one hundred fifty-seven (157) feet and the survey was ended. Based on distance and location, that structure is considered to be OS2. The survey of this connection was consistent with those from previous investigations.

2.2.4 Post-Investigation Survey

A post-investigation location survey was conducted by a licensed New York State surveyor of the test pits and identified subsurface structures. In addition, the location and invert elevations of CB-10, CB-11 and CB-2 were surveyed to support potential storm sewer modification as part of the IRM. A copy of the survey report is presented in **Appendix G**.

2.2.5 Data Usability

Analytical data packages generated by the fixed laboratory, TestAmerica, during IRM PDI activities presented herein are included in **Appendix E** and were validated by Geosyntec. Analytical data packages were reviewed for completeness, field and laboratory quality control (QC) sample results were evaluated, significant laboratory control problems were assessed, and data qualifiers were assigned. Data validation was performed on analytical data generated to verify and validate the usability of those data. Verification and validation were based on completeness and compliance checks of sample receipt conditions, both sample-related and instrument-related QC results, recalculation checks, and review of actual instrument outputs. Data validation reports, delivered on 19 December 2017, are included in **Appendix E** and indicate qualification of data based on sample-related QC results. All data were found to be suitable for their intended use, except as noted in the validation reports.

2.2.6 IDM Management

A composite sample was collected of solid investigation-derived material (IDM) contained in the roll-off container was collected for waste characterization. Samples were submitted for toxic characteristic leaching procedure (TCLP) analyses for metals, SVOCs, and VOCs and for analyses for PCBs. The analytical report is presented in **Appendix E**. Detections of PCBs and TCLP metals did not exceed hazardous waste characteristics for toxicity. The roll-off container will be transported off-Site for disposal as non-hazardous waste.

2.3 2018 Pre-Design Investigation – Amendment 1

On 30 March 2018, Unisys submitted Amendment #1 to the 2017 IRM PDI Work Plan for pre-delineation of soils surrounding OS2 for excavation as part of the IRM. NYSDEC gave conditional approval on 5 April 2017 and a revised Amendment #1 was submitted on 13 April 2018. Field work for Amendment #1 was conducted between 20 and 27 April 2018. Additional soil investigations were conducted on the EHS property as part of IRM #2 PDI Work Plan Amendment #3 submitted to NYSDEC on 18 May 2018 for the Former Sperry Remington Site – North Portion (#c808022). Field work for IRM #2 PDI Amendment #3 was conducted between 22 and 25 May 2018. Eleven (11) soil boring were advanced on STCC property and eight (8) soil borings were advanced on EHS property as part of the OS IRM PDI and the IRM #2 PDI. Boring logs are presented in **Appendix H**. Soil samples were collected and submitted to the fixed laboratory for analyses for PCBs and metals in accordance with the relevant PDI work plans. Analytical reports are presented in **Appendix E**. Data validation reports, delivered on 30 May 2018 and 14 June 2018, are included in **Appendix E** and indicate qualification of data based on sample-related QC results. All data were found to be suitable for their intended use, except as noted in the validation reports.

2.4 Findings

The current understanding of connections between OS2 and the former industrial sewer on the STCC and EHS properties is shown on **Figure 5**. In summary, the following is concluded regarding the status of OS2 and the former industrial sewer:

- The connection between CB-10 and OS2 is part of the active storm water infrastructure on the STCC property;
- Former industrial sewer connections on EHS property from CB-6 and CB-15 are not inactive;
- The discharge from OS2 to the Site Culvert will be active when water levels in OS2 are above the level of the discharge pipes; and
- A direct connection between the former industrial sewer on EHS property to the Site Culvert is not present.

Detailed findings from the 2017-18 IRM PDI and previous investigations are:

- The concrete-encased 18-in clay pipe that enters OS2 from the southeast is connected to CB-10. This connection was observed to be dry during the 2012 IRM PDI. During Site Characterization of the Former Scott Technologies Site, CB-10 was observed to be connected to a subsurface structure at a distance of approximately one hundred thirty-two (132) feet northeast of CB-10 at which point the 18-in pipe turned toward the north and was of concrete construction. Water was observed at the base of the structure and in the pipe as it continued to the north, but no rocks or fine-grained material were noted. The pipe continued a further distance of approximately twenty-three (23) feet at which point an opening to a larger structure was observed. That larger structure was observed through the opening to contain water and was identified as OS2. Observations from within OS2 of a connection partially covered with water are consistent with that observation. Brick was observed in TP-1.1 at a depth of eight (8) ft bgs but no subsurface structure was encountered. It is likely that a structure is present at deeper depths. Previous investigations of the Site Culvert indicate that the concrete-encased pipe crosses the base of the Site Culvert. CB-10 is connected to upstream sewer connections through CB-11. Therefore, the connection between CB-10 and OS2 is part of the active storm water infrastructure on the STCC property.

- A piping connection to the south southeast of CB-6 was observed to branch approximately twenty-six (26) feet downstream of CB-6. The eastern (left) branch is closed off with a brick bulkhead (i.e., a wall built to block flow). The western (right) branch continues for a linear distance of approximately sixty-four (64) feet until it becomes approximately seventy-five percent (75 %) blocked. The line turns right at thirty-nine (39) feet with at transition to concrete then left at forty-six (46) feet and right at sixty-seven (67) feet with a transition to clay tile. The turns may be related to the bypass of an obsolete oil former oil skimmer, considered to be OS1, reported in a letter from Remington Rand to the Chemung County Health Department dated 15 August 1966. IRM PDI test pitting in the vicinity of the presumed location of OS1 confirmed its location in 2012. Observations made during test pitting along the exterior of that structure did not identify outlet pipes or demonstrate characteristics of non-native material and were, therefore, not sampled. No active connections from former OS1 to OS2 or the Site Culvert were identified. Former OS1 has been determined not to be a potential active source of COCs to OS2 or the Site Culvert. The compromised structural integrity of this industrial sewer line suggests that it is currently not in operation.

- A clay tile pipe connection connecting to CB-15 from the northwest extends approximately 395 feet. Penetration by a two-inch PVC pipe and accumulated sand prevented further investigation. The location is consistent with a former industrial sewer line along the eastern EHS property boundary shown on historic maps. The compromised structural integrity of this industrial sewer line suggests that it is currently not in operation.

- The 5-ft box culvert that enters OS2 from the northeast is connected to CB-15 to the northeast. The culvert was wet with abundant fine-grained material, cobbles, wood, and standing water. A thirty-six-inch (36-inch) brick line connects to the culvert at a distance approximately ten (10) feet southwest of CB-15. The line contained abundant roots, entering through the edges of the brick, abundant fine-grained material, cobbles, wood, and standing water. While the camera survey was abandoned at distance of approximately fifty (50) feet, the line appeared clear further on. The direction of the line appears to be toward CB-6. Test pitting to a depth of eleven (11) feet did not encounter the connection to the 5-ft culvert. Because of the connections to the 5-ft box culvert downstream of CB-6 and upstream of CB-15 noted above are no longer active, the 5-ft box culvert inlet to OS2 is considered to be inactive.

- The two (2) steel pipe connections on the north side of OS2 appear to be associated with historical Site operations rather than storm water infrastructure and are considered to be inactive.

- The four (4) 12-in diameter pipes on the south side of OS2 appear to be discharge pipes from OS2 to the Site Culvert. Observations of the Site Culvert during previous investigations indicate that the pipes discharge at the base of the Site Culvert. The observed water level in OS2 was below the discharge. This outlet connection from OS2 is considered to be active if the water level in OS2 rises to that of the discharge.

- An 18-in clay pipe connects to the Site Culvert on the north side approximately 180 feet from the western end of the Site Culvert. No flow was observed entering the Site Culvert from this line during the 2012 IRM PDI. No connections to the Site Culvert were observed from CB-15 during the 2017 IRM PDI. A connection to the east from CB-15 was plugged with concrete and may have previously connected to the 18-in clay pipe and the Site Culvert as an overflow bypass of OS2. The former industrial sewer lines on EHS property do not appear to have a currently active direct connection to the Site Culvert.

- The Site Culvert remains an active part of the Site storm water sewer system receiving flows from both the STCC and EHS properties, as well as from the City of Elmira captured along South Main Street. On the EHS property, storm water from the north and combined storm water and cooling water discharge from the west combine at catch basin CB-5 and discharge to the Site Culvert. On the STCC property, storm water from the south of Building 88 and from South Main Street flow through the 5-ft RCP connecting to catch basin CB-2 and the Site Culvert. A plan view and profile of the Site Culvert, as previously presented in the Phase 1 Data Report, are included in **Appendix B**.

- Soils around the perimeter of OS2 have been sampled from test pits spoils during previous investigations. Additional samples were collected from test pit spoils in 2017. **Table 1** presents a summary of the test pit analytical results from the Site. COC concentrations in

soil at depths above two (2) feet bgs are compared to Industrial Soil Cleanup Objectives (SCOs) presented in 6 NYCRR Subpart 375. Total PCB concentrations are also compared to the limit of fifty (50) mg/kg for PCB remediation wastes as defined in 40 CFR §761.3 Toxic Substances Control Act (TSCA). TSCA limits are considered in PCB delineation for identification of those soils that may be classified as hazardous waste containing PCBs as defined in 6 NYCRR Part 371.4 (e). Sample locations are shown on **Figure 5**.

- Soils from TP-4 and OS-SB-01 on the north side of OS2 had detections of total PCBs above the Industrial SCO of 25 mg/kg, but total PCB concentrations did not exceed TSCA limits. Detections of metals and SVOCs did not exceed Industrial SCOs.

- Soils from TP-02-02 on the east side of OS2 above the 5-ft box culvert had detections of total PCBs and arsenic above the Industrial SCO and detections of total PCBs above TSCA limits. Soils from TP-3 north of the 5-ft box culvert had detections of arsenic above the Industrial SCO of sixteen (16) mg/kg but detection of total PCBs were less than one (1) mg/kg.

- Soils from TP-2 and OS-SB-02 on the west side of OS2 had detections of total PCBs below the Industrial SCO but TP-2 had detections of arsenic above the Industrial SCO.

- Soils from TP-1 and TP-01-01 on the south side of OS2 had detections of total PCBs below the Industrial SCO but detections of arsenic were above the Industrial SCO.

- Previous sampling of soils adjacent to OS2 for waste characterization did not indicate characteristics of hazardous waste.

- Soil borings were advanced for soil sample collection during the OS2 IRM and IRM #2 PDIs as well as previous investigations. Summaries of PCB analytical results for the STCC and EHS properties for shallow subsurface soils, i.e. to a depth of two (2) ft bgs are presented on **Tables 2a** and **2b**, respectively, and on **Figures 6** and **7**. Total PCB concentrations are compared the restricted use SCO for the current land use, i.e., the Industrial SCO for the STCC property and the Restricted-Residential SCO for the EHS property, as well as TSCA limits. Summaries of metal analytical results are presented in **Tables 3a** and **3b**, respectively, and **Figures 8** and **9**.

    - Total PCBs were detected in shallow subsurface soils above the Industrial SCO and TSCA limits east of OS2 on the STCC property. Total PCB detections in shallow subsurface soils northwest of OS2 exceeded the Industrial SCO only.

- Total PCBs were detected in shallow subsurface soils above the Restricted Residential SCO and TSCA limits east of OS2 on the EHS property.

- Arsenic was detected in shallow subsurface soils above the Industrial SCO of sixteen (16) mg/kg on the STCC property.

- Arsenic was detected in shallow subsurface soils above the Restricted Residential SCO of sixteen (16) mg/kg on the EHS property. Detections of lead and copper at SSHS-B1031 exceed Restricted Residential SCOs but detections of arsenic did not.

- Detections of total PCBs in deeper subsurface soils (i.e. below 2 ft bgs) on the STCC property were below the Industrial SCO of twenty-five (25) mg/kg as shown on **Table 4** and **Figures 10** to **15**.

- Detections of arsenic in deeper subsurface soils (i.e. below 2 ft bgs) on the STCC property were above the Industrial SCO of sixteen (25) mg/kg as shown on **Table 4** and **Figures 16** to **19**.

- Samples of fine-grained material were collected from catch basins closest to OS2 on the EHS and STCC properties on 28 May 2015. A fine-grained sample was collected from CB-15 on 16 November 2017. COCs detected included PCBs, metals, and SVOCs as summarized on **Table 5**.

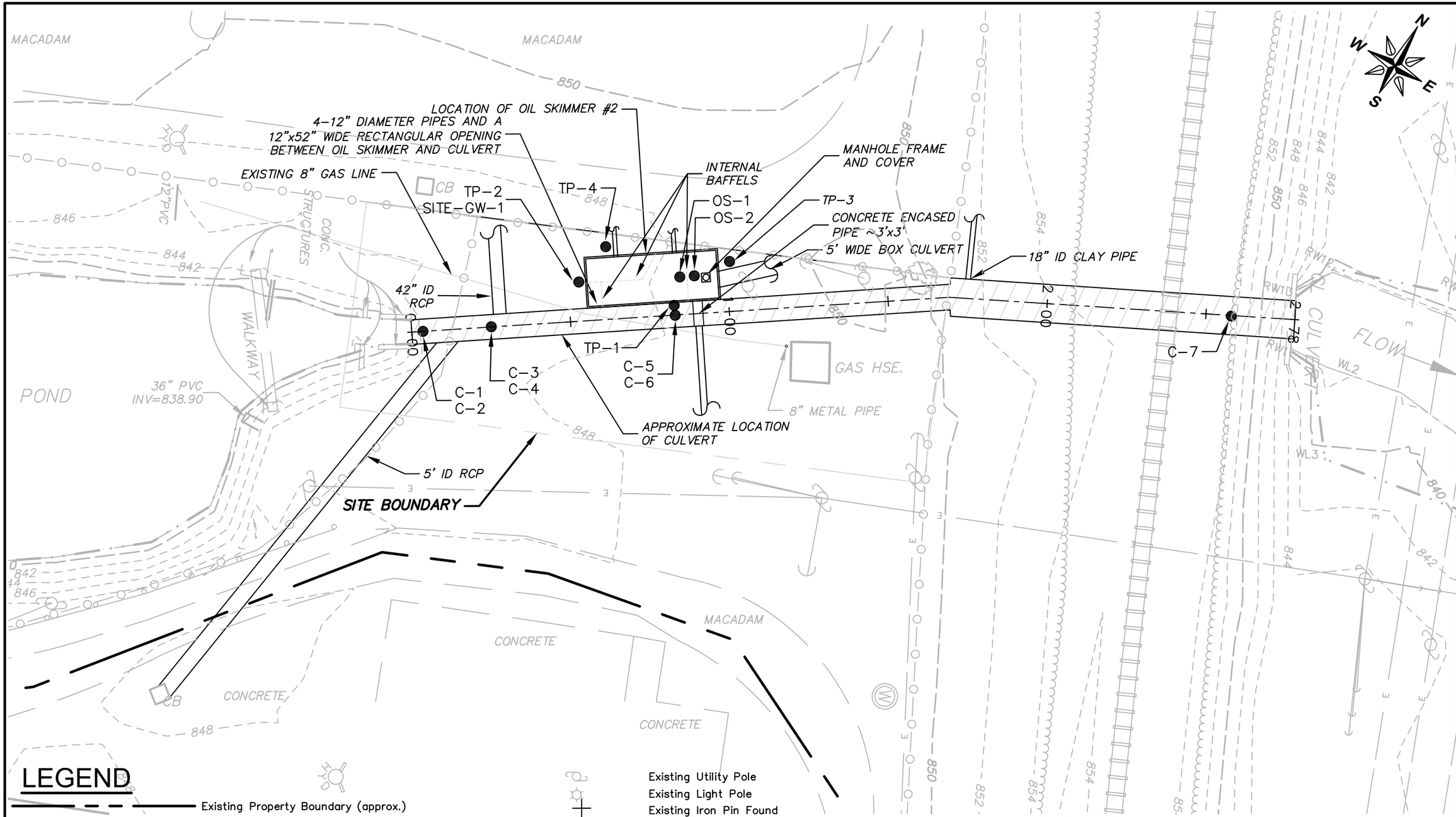
2.5 Proposed IRM

Unisys has identified that fine-grained material within OS2 contains concentrations of total PCBs that exceed New York State hazardous waste disposal criteria. Inlets to OS2 are connected to the former industrial sewer on EHS and STCC properties. On the EHS property, the former industrial sewer is not part of the active storm sewer system through connections to CB-6 and CB-15. On the STCC property, the former industrial sewer is part of the active storm sewer system on the STCC property through connections to CB-10. Total PCBs and metals have been detected above restricted use SCOS for total PCBs and metals in shallow subsurface soils on the STCC and EHS properties. Total PCBs have also been detected above TSCA limits in shallow subsurface soils on the STCC property.

A non-emergency IRM at OS2 is applicable to mitigate potential environmental or human exposures before the completion of the RI by removing OS2 and shallow subsurface soils north of the Site Culvert and on the EHS property. Removal of OS2 will require a bypass of CB-10 and connecting CB-11 to the Site Culvert to maintain storm water management on the STCC property. Open grates at inactive storm sewer connections on the EHS property will be replaced with solid covers. The proposed IRM will include 1) installation of new storm water infrastructure; 2) excavation of soils surrounding OS2; 3) excavation to expose and remove the top of OS2; 4) removal of water and fine-grained material from within OS2; 5) stabilization of fine-and off-Site

Select Appendixes from #808043 Revised Interim Remedial Measure Work Plan, Revised Final (Geosyntec, 2018d)

Appendix B
Site Culvert Plan View and Profile



LEGEND

- Existing Property Boundary (approx.)
- Existing Contour
- Existing Building
- Existing Edge of Paving
- Existing Tree Line
- Existing Brush Line
- Existing Wetland/Regulated Water Limit Line
- Property Line
- Existing Sanitary Sewer
- Existing Storm Sewer
- Existing Electric Line/O'Head Wires
- Existing Water Body/Stream

- Existing Utility Pole
- Existing Light Pole
- Existing Iron Pin Found
- Existing Chain Link Fence
- Existing Tree
- Existing Guy Anchor
- Existing Sign Post
- Existing Water Valve
- Existing Hydrant
- Existing Well
- Existing Manhole
- Existing Catch Basin
- Existing Rail Road
- Sample Location

J:\NY092480 Sperry Remington\dwg\OIL SKIMMER.dwg

SAMPLE DEPTH TABLE

SEDIMENT SAMPLE ID	DEPTH OF SAMPLE BELOW CEILING	SOIL/WATER SAMPLE ID	DEPTH FROM TOP OF OIL SKIMMER
OS–1	11.5'–12.0'	TP–1	1.0'
OS–2	11.5'–12.0'	TP–2	11.5'
C–1	5.0'–5.5'	TP–3	6.0'
C–2	7.5'–8.0'	TP–4	6.0'
C–3	6.67'–7.7'	SITE–GW–1(WATER)	8.0'
C–4	7.5'–8.0'		
C–5	6.0'–6.5'		
C–6	10.0'–10.5'		
C–7	5.17'–5.67'		

OIL SKIMMER #2 AND SITE CULVERT SAMPLING LOCATIONS MAP

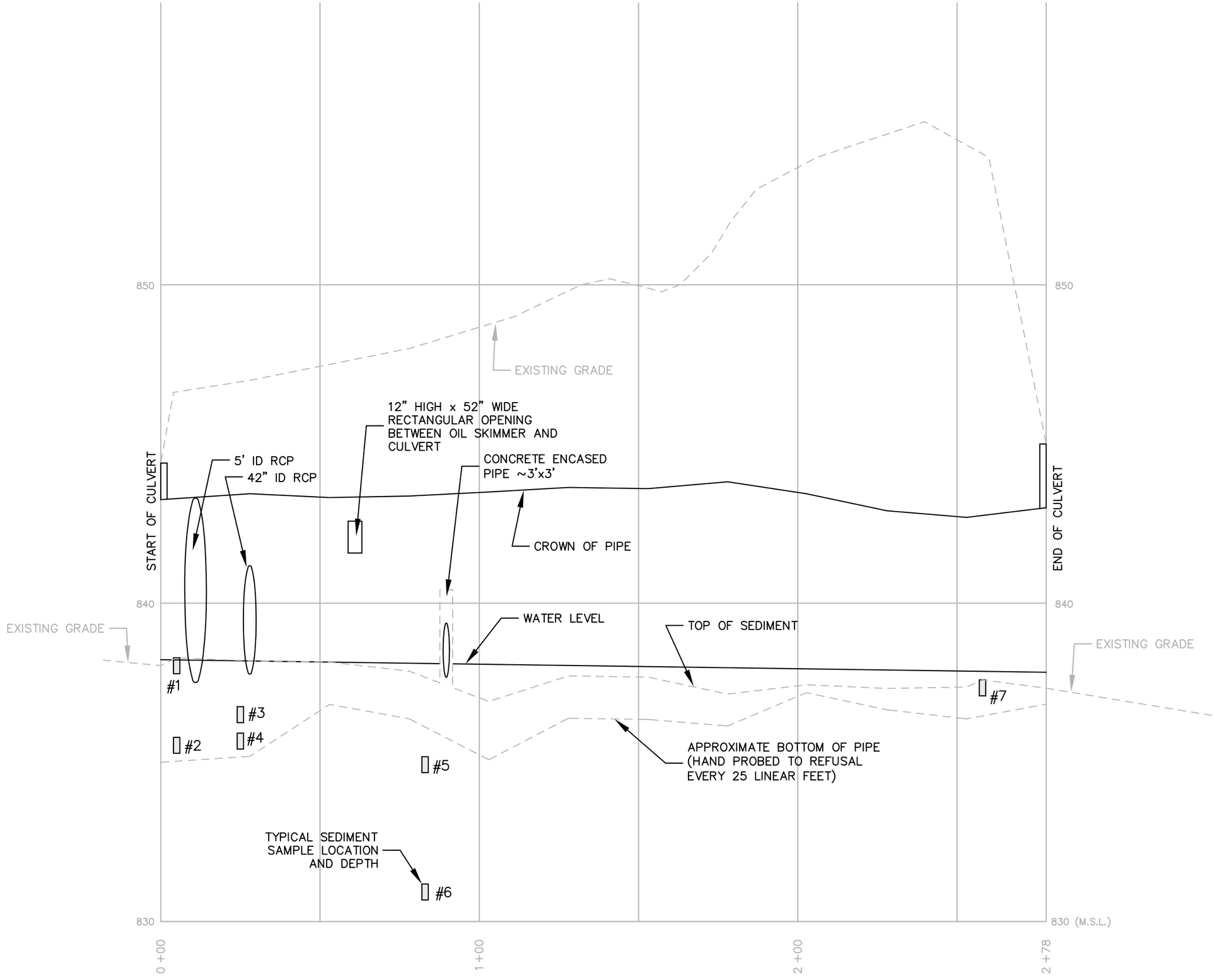
PROJECT MANAGER:	S.W.K.	SCALE:	1" = 30'
CHECKED BY:	M.J.P.	PROJECT NUMBER:	NY09–2480
DRAWN BY:	RA	DATE:	

ADVANCED GeoServices Engineering P.C.
Engineering for the Environment. Planning for People.™
1055 ANDREW DRIVE, SUITE A, WEST CHESTER PA, 19380
tel 610.840.9100 fax 610.840.9199 www.advancedgeoservices.com

FORMER SPERRY
REMINGTON RAND OUTFALL SITE
1051 SOUTH MAIN STREET, ELMIRA, NY

Figure
1

OIL SKIMMER #2
SITE CULVERT AND SAMPLING LOCATIONS PROFILE



PROJECT MANAGER:	S.W.K.	SCALE:	1" = 30'
CHECKED BY:	M.J.P.	PROJECT NUMBER:	NY09-2480
DRAWN BY:	RA	DATE:	

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FORMER SPERRY
REMINGTON RAND OUTFALL SITE
1051 SOUTH MAIN STREET, ELMIRA, NY

Figure
2

J:\NY092480 Sperry Remington\dwg\OIL SKIMMER.dwg

Appendix C
Geophysical Survey Reports

NYLD Infrastructure Field Report

NEW YORK LEAK DETECTION, INC.

Date: 11/9/17 Technician: Joe Goodfellow

Customer: Geosyntec Consultants

Site Address: 777 So. Main St. Elmira, NY

Contact Person: Ellen Buelow Phone: 612-295-3715 Phone: _____

Scope of Work: Locate the direction of the pipe coming out of catch basin CB-6

Type of Service:

☐ *Leak Detection* ☒ *Utility Location/GPR* ☐ *Video Inspection*

☐ *Infrastructure Assessment* ☐ *Utility Mapping/AutoCAD*

Type of Equipment Used

☐ *Profiler EMP 400* ☐ *RD4000* ☒ MetroTech Vivax vLocPro2

☐ *LC2500 Leak Correlator* ☒ *Noggin 250 mHz* ☐ PosiTector UTG G3

☐ *S-30 Surveyor* ☐ Noggin 500 mHz ☒ *Video Inspection Camera*

☒ *Sonde* ☐ Conquest 1000 mHz ☐ *Helium # Bottles*

☐ *Leica Robotic Total Station* ☐ *Leica GPS*

Marking Used

☒ *Paint* ☐ *Flags* ☐ *Chalk*

☐ *Updated existing maps onsite* ☐ *Other:* _____

Instructions from Onsite Contact: Video manholes/catch basins and find direction of pipework, GPR designated areas

Size of Pipe: _____

Ground Cover/Weather Conditions: Pavement, grass, dirt. Clouds, cold

Notes/Testing Results: Began at CB-6, scanned area of test pit 4 and 2. Scanned grassy area near CB-10 using GPR. Unable to get catch basin open on CB-10. See attached.

Site Access/Safety Training: _____ **Expiration Date:** _____

Information Transfer

☒ *Information relayed on site to: Ellen* ☐ *Hand drawn map (forward to office for digital remake)* ☐ *All markings picked up by surveyors*

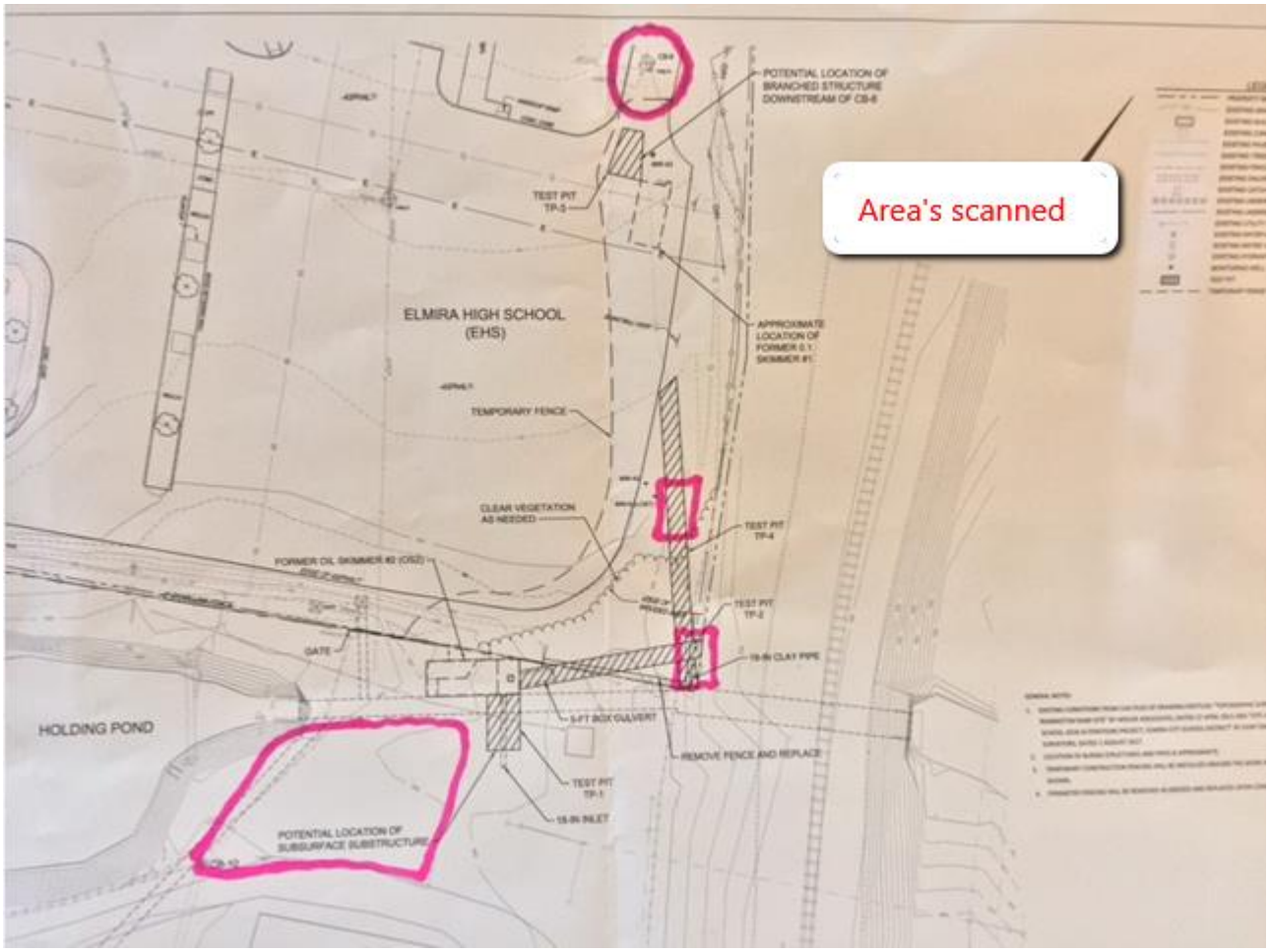
NYLD Infrastructure

NEW YORK LEAK DETECTION, INC.

Field Report

Key

Blue	Water
Red	Power
Orange	Communications
Yellow	Gas/Flammable Fuel
White	Unknown
Green	Storm/Sanitary




CB-6


Anomaly,concrete and metal
Test pit 4 area


Anomaly
Test pit area 4


Test pit 2 area
Geosyntec located buried M.H.


Direction
of pipe
CB-10

Appendix D
Test Pit Logs and Photographs

Geosyntec consultants

engineers | scientists | innovators

LOG OF TEST PIT

Coordinates:	-
Surface Elevation:	Approximately 858.3 ft.
Reference Elevation:	-
Reference Description:	Test Pit TP-1.1 SE of OS-2

Job. No. MN0832A.9	**Client:** Unisys **Project:** Elmira	**Location** Elmira, New York
Sampling Location Description: soil spoils		**Location ID:** TP-1.1
FORMER OS2 CONNECTION INVESTIGATION		Sheet 1 of 1
Sample Method: Composite sample		
Depth of Test Pit: 8 ft. bgs		**Sampling Date/Time**
Depth to Bedrock (ft. bgs): N/A		**Start** / **Finish**
Groundwater Encountered (ft. bgs): N/A		1130 / 1500
Disposition of Test Pit: NE-SW, SE of OS-2		
Surface Conditions: Grass		
Weather: 25-35°F, partly cloudy in the morning and sunny in the afternoon.		

Depth Interval (ft. bgs)	PID (ppm)	VOCs	SVOCs	TAL Metals	PCBs/ Pesticides			Description of Material
0-0.67'	0.0							TOPSOIL, ML, light brown, non plastic, medium dense, dry silt.
0.67-1"	0.0							ML, dark gray, loose, dry, silt with gravel, gravel consists of coal and slag fragments.
1-2'	0.0							ML, orange with dark brown mottled texture, loose, dry, silty sand with gravel and brick.
2-8'	0.0							FILL, yellow-brown, medium loose, dry, silty sand with abundant yellow brick.

NOTES: Surface dimension: 2.5' x 10' (approximately). No structure was encountered in TP- 1.1. Sample TP1_01_110917 was collected from TP-1.1 soil spoils.

Logged by:	E. Buelow	**Date:**	9-Nov-17
Sample Interval:	0-8 ft. bgs, excavation soil spoils	**Time:**	-

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LOG OF TEST PIT

Coordinates:	-
Surface Elevation:	-
Reference Elevation:	850-851 ft. bgs
Reference Description:	Test Pit 2 Area, SW of CB-15

Job. No. MN0832A.9	**Client:** Unisys **Project:** Elmira	**Location** Elmira, New York
Sampling Location Description: soil spoils		**Location ID:** TP-2.1
FORMER OS2 AREA CONNECTION INVESTIGATION		Sheet 1 of 1
Sample Method: Composite sample		
Depth of Test Pit: 8 ft. bgs		**Sampling Date/Time**
Depth to Bedrock (ft. bgs): N/A		**Start** / **Finish**
Groundwater Encountered (ft. bgs): N/A		1000 / 1215
Disposition of Test Pit: NW-SE, SW of CB-15		
Surface Conditions: Soil (exposed during clearing of trees and debris)		
Weather: 25-35°, Partly Sunny		

Depth Interval (ft. bgs)	PID (ppm)	VOCs	SVOCs	TAL Metals	PCBs/ Pesticides	TCLP		Description of Material
0-3'	0.0							SM, dark brown with light gray-medium gray clasts, non-plastic, medium dense, dry, massive bedded sandy silt with gravel. Gravel consists of well rounded clasts, and angular foreign material (slag and coal).
3-8'	0.0							GM, gray-brown, non cohesive, medium dense, dry, silty gravel with sand, gravel is fine to coarse, well rounded gravel and angular foreign material. Foreign material includes slag, brick and 1 ft. long pieces of concrete.

NOTES: Surface dimension: 2.5' x 10'. An approximate 5-6 ft. wide culvert was exposed during excavation and trends NE-SW between CB-15 and OS-2. Sample TP2_01_110817 was collected from TP-2.1 soil spoils.

Logged by:	E. Buelow	**Date:**	8-Nov-17
Sample Interval:	8 ft. bgs, excavation soil spoils	**Time:**	-

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LOG OF TEST PIT

Coordinates:	-
Surface Elevation:	-
Reference Elevation:	840.96 ft. bgs (surface elevation)
Reference Description:	Test Pit 2 Area, above OS-2 and slightly NE of OS-2

Job. No. MN0832A.9	**Client:** Unisys **Project:** Elmira	**Location** Elmira, New York
Sampling Location Description: soil spoils		**Location ID:** TP-2.2
FORMER OS2 CONNECTION INVESTIGATION		Sheet 1 of 1
Sample Method: Composite sample		
Depth of Test Pit: 2-8.5 ft. bgs		**Sampling Date/Time**
Depth to Bedrock (ft. bgs): N/A		**Start** / **Finish**
Groundwater Encountered (ft. bgs): N/A		1415 / 1600
Disposition of Test Pit: NW-SE, above and NE OS-2		
Surface Conditions: Grass		
Weather: 25-35°, Partly Sunny		

Depth Interval (ft. bgs)	PID (ppm)	VOCs	SVOCs	TAL Metals	PCBs/ Pesticides	TCLP		Description of Material
0-2'	0.0							SM, dark brown, moist, medium dense, noncohesive, non-plastic, silty sand with gravel, gravel is medium to coarse, sand is coarse, some grass roots present
2-6'	0.0							GM, dark brown, dry-moist, medium dense, noncohesive, non plastic, silty gravel with sand, cobbles fine to coarse, sand is coarse.
6-8.5'	0.0							GM, dark green-gray, appears to be dry-moist, medium-loose, noncohesive, non plastic, silty gravel with sand, cobbles coarse, sand is coarse.

NOTES: Sample TP2_02_110817 was collected to characterizes the soil spoils from TP-2.2. The north-east portion of OS-2 was excavated, the OS-2 manhole was unearthed, the five foot culvert extending N-E was delineated, and the top of the active site culvert to the SE was exposed.

Logged by:	E. Buelow	**Date:**	8-Nov-17
Sample Interval:	8.5 ft. bgs, excavation soil spoils	**Time:**	-

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LOG OF TEST PIT

Coordinates:	-
Surface Elevation:	-
Reference Elevation:	852.1 ft. (surface elevation)
Reference Description:	Located on the N. edge of the EHS parking lot, SE of the gas line cutting through the parking lot (NE-SW).

Job. No. MN0832A.9	**Client:** Unisys **Project:** Elmira	**Location** Elmira, New York
Sampling Location Description: soil spoils		**Location ID:** TP-3.1
FORMER OS2 CONNECTION INVESTIGATION		Sheet 1 of 1
Sample Method: Composite sample		
Depth of Test Pit: 11 ft. bgs		**Sampling Date/Time**
Depth to Bedrock (ft. bgs): N/A		**Start** / **Finish**
Groundwater Encountered (ft. bgs): N/A		1030 / 1500
Disposition of Test Pit: NW-SE. NE of CB-6		
Surface Conditions: Grass		
Weather: 14°F, Partly cloudy in the morning and sunny in the afternoon		

Depth Interval (ft. bgs)	PID (ppm)	VOCs	SVOCs	TAL Metals	PCBs/ Pesticides	TCLP		Description of Material
0-0.83'	0.0							TOPSOIL, ML, light brown, non plastic, dry, silt with roots.
0.83'-6'	0.1							GM-GC, yellow brown to dark brown, medium dense, low plastic, silty gravel with coarse sand, localized clay, gravel is fine to coarse (average size of 4-5 cm), yellow brick makeup <10% of the material.
6-11'	0.0							GM, dark brown, dry to moist, medium dense, low plastic, silty gravel with coarse sand. (descriptions made from afar and soil spoils).

NOTES: Sample TP3_01_111017 characterized the soil spoils of TP-3.1. No structures were observed during TP-3 excavation.

Logged by: E. Buelow **Date:** 10-Nov-17

Sample Interval: 0-11' ft bgs, excavation soil spoils **Time:** -

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LOG OF TEST PIT

Coordinates:	-
Surface Elevation:	-
Reference Elevation:	-
Reference Description:	Southeast of CB-6 (approximately 26 ft.)

Job. No. MN0832A.9	**Client:** Unisys **Project:** Elmira	**Location** Elmira, New York
Sampling Location Description: soil spoils		**Location ID:** TP-3.2
FORMER OS2 CONNECTION INVESTIGATION		Sheet 1 of 1
Sample Method: Composite sample		
Depth of Test Pit: Approximately 11 ft. bgs		**Sampling Date/Time**
Depth to Bedrock (ft. bgs): N/A		**Start** / **Finish**
Groundwater Encountered (ft. bgs):		0945 / 1115
Disposition of Test Pit: N-S, NE of CB-6		
Surface Conditions: Grass		
Weather: 25° F, Sunny		

Depth Interval (ft. bgs)	PID (ppm)	VOCs	SVOCs	TAL Metals	PCBs/ Pesticides	TCLP		Description of Material
0-0.8'	0.0							TOPSOIL, ML, light brown, non plastic, dry, silt with roots
0.8'-6'	0.0							GM-GC, yellow brown to dark brown, medium dense, low plastic, silty gravel with coarse sand, localized clay, gravel is fine to coarse (average size of 4-5 cm), yellow brick make up <10% of the material.
6-11'	0.0							GM, dark brown, dry to moist, medium dense, low plastic, silty gravel with coarse sand with brick and clay pipe fragments.

NOTES: No structures were observed during TP-3 excavation.

Logged by:	E. Buelow	**Date:**	11-Nov-17
Sample Interval:	no sample collected	**Time:**	-

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LOG OF TEST PIT

Coordinates:	-
Surface Elevation:	-
Reference Elevation:	-
Reference Description:	Test Pit located perpendicular to the EHS-Norfolk Southern property fence line, NW of CB-15

Job. No. MN0832A.9	**Client:** Unisys **Project:** Elmira	**Location** Elmira, New York
Sampling Location Description: soil spoils		**Location ID:** TP-4.1
FORMER OS2 CONNECTION INVESTIGATION		Sheet 1 of 1
Sample Method: Composite sample		
Depth of Test Pit: approximately 11.5 ft. bgs		**Sampling Date/Time**
Depth to Bedrock (ft. bgs) N/A		**Start** 0800 / **Finish** 1400
Groundwater Encountered (ft. bgs): N/A		
Disposition of Test Pit: NE-SW		
Surface Conditions: top soil was removed during tree removal, dry exposed soil surface		
Weather:		

Depth Interval (ft. bgs)	PID (ppm)	VOCs	SVOCs	TAL Metals	PCBs/ Pesticides	TCLP		Description of Material
0-6'	0.0							SM, dark gray-brown, dry, loose, silty sand with gravel, gravel is fine to coarse with coal an slag debris
6-8'	0.0							SM, light yellow-brown, silty sand with coarse gravel, less fill material.
8-11.5'	0.0							SM, light yellow to dark brown, silty sand with gravel and debris (gravel and brick)

NOTES: At approximately 11.5' bgs a solid structure was encountered. This structure is constructed of clay tiles and extends northeast from CB-15. Sample TP04_01_111317 characterizes the soil spoils removed from TP-4.1.

Logged by: E. Buelow **Date:** 11/13/2017 - 11/14/2017

Sample Interval: 0-11.5' ft. bgs, excavation soil spoils **Time:** -

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LOG OF TEST PIT

Coordinates:	-
Surface Elevation:	-
Reference Elevation:	-
Reference Description:	TP-4.2, 37 ft. NW of brick connection to CB-15

Job. No. MN0832A.9	**Client:** Unisys **Project:** Elmira	**Location** Elmira, New York
Sampling Location Description: soil spoils		**Location ID:** TP-4.2
FORMER OS2 CONNECTION INVESTIGATION		Sheet 1 of 1
Sample Method: Composite sample		
Depth of Test Pit: approximately 11 ft. bgs		**Sampling Date/Time**
Depth to Bedrock (ft. bgs) N/A		**Start** 1245 / **Finish** 1530
Groundwater Encountered (ft. bgs): N/A		
Disposition of Test Pit: NE to SW		
Surface Conditions:		
Weather:		

Depth Interval (ft. bgs)	PID (ppm)	VOCs	SVOCs	TAL Metals	PCBs/ Pesticides	TCLP		Description of Material
0-1.2'	0.1							TOPSOIL, ML, light brown, non plastic, medium dense, dry silt.
1.2-6'	0.1							FILL, GM, dark gray to black, medium dense, dry, silty gravel with sand, grains and clast are dominated by fill material (coal, slag, and yellow or red brick).
6-10'	0.0							Light yellow-brown coarse-silty sand with gravel (abundant brick) with lenses of grey-brown plastic clay.
10-11.5'	0.3							SAME AS ABOVE, with staining and strong hydrocarbon odor.

NOTES: Sample TP4_02_111717 was collected from soil spoils characterizing the upper 10 ft. Hydrocarbon odors and dark staining were observed at an approximate depth of eleven (11) ft. bgs. Sample TP4_03_111717 was collected to characterize this area of TP-4.2. No structure was observed.

Logged by:	E. Buelow	**Date:**	17-Nov-17
Sample Interval:	0-6' ft. bgs, excavation soil spoils	**Time:**	-

Appendix F
Camera Survey Video and Photographs

GEOSYNTEC CONSULTANTS Photographic Record	Geosyntec consultants
Client: Unisys	**Project Number: MN0832A**
Site Name: Former Sperry Remington Site	**Site Location: City of Elmira, Chemung Country, NY**

Photograph ID: 1 **Date: 11/16/2017** **Direction: NE** **Comments: CB-15's northeast connection, toward the railroad tracks, was observed to have been plugged with concrete.**	

Photograph ID: 2 **Date: 11/16/2017** **Direction: NW** **Comments: The connection leaving CB-15 headed northwest was constructed of clay tile and appeared to run parallel to the EHS property line.**	

GEOSYNTEC CONSULTANTS Photographic Record	Geosyntec consultants
Client: Unisys	**Project Number: MN0832A**
Site Name: Former Sperry Remington Site	**Site Location: City of Elmira, Chemung Country, NY**

Photograph ID: 3 **Date: 11/16/2017** **Direction: SW** **Comments: Looking from CB-15 toward OS-2, two connections were visible. The first connection to the southwest appeared to connect to OS2. A brick arch and 30-inch brick sewer line was observed on the right side of this connection approximately ten (10) feet southwest from CB-15.**	

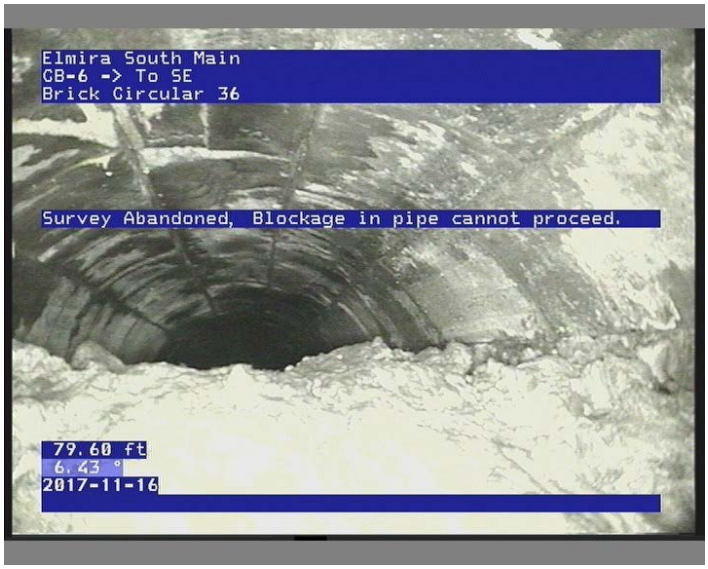
Photograph ID: 4 **Date: 11/16/2017** **Direction: NW** **Comments: The thirty-six-inch (36-in) sewer line was surveyed from CB-15 to the northwest 398.02. The survey was abandoned because of blockage (sand).**	

GEOSYNTEC CONSULTANTS Photographic Record	
Client: Unisys	**Project Number: MN0832A**
Site Name: Former Sperry Remington Site	**Site Location: City of Elmira, Chemung Country, NY**

Photograph ID: 5 **Date: 11/16/2017** **Direction: NW** **Comments: The 36-inch brick sewer line (10) feet southwest of CB-15 at a right angle to the 5-ft box culvert headed northwest. The survey was abandoned at 49.36 ft due to an abundance of sludge.**	

Photograph ID: 6 **Date: 11/16/2017** **Direction: SW** **Comments: The 5-ft box culvert connecting CB-15 to OS2 was surveyed to the southwest from CB-15. The connection to OS2 was confirmed by a visual of the inlet weirs.**	

GEOSYNTEC CONSULTANTS Photographic Record	Geosyntec consultants
Client: Unisys	**Project Number: MN0832A**
Site Name: Former Sperry Remington Site	**Site Location: City of Elmira, Chemung Country, NY**

Photograph ID: 7 **Date: 11/16/2017** **Direction: NE** **Comments: The 36-inch circular brick pipe heading southeast from CB-6 was re-surveyed. A structural fracture in the line was observed at 10-12 o'clock within eight (8) inches of the joint at a distance of approximately fifty (50) feet.**	
Photograph ID: 8 **Date: 11/16/2017** **Direction: N- NE** **Comments: The survey ended at a linear distance of approximately eighty (80) feet at where approximately seventy-five 75 percent (75 %) of the connection was blocked by fine-grained material, wood, and rock.**	

GEOSYNTEC CONSULTANTS Photographic Record	Geosyntec consultants
Client: Unisys	**Project Number: MN0832A**
Site Name: Former Sperry Remington Site	**Site Location: City of Elmira, Chemung Country, NY**

Photograph ID: 9	
Date: 11/16/2017	
Direction: N	
Comments: The connection heading northeast from CB-10 was re-surveyed in attempt to survey the entire line. An opening to another structure was observed at a distance of approximately one hundred fifty-seven (157) feet and the survey was ended. Based on distance and location, that structure is considered to be OS2.	

#808043 Interim Remedial Measure Pre-Design Investigation Data Report, Agency Review Draft (Geosyntec, 2013)

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FORMER SPERRY REMINGTON SITE (NYSDEC SITE I.D. #808043)

INTERIM REMEDIAL MEASURE PRE-DESIGN INVESTGATION DATA REPORT

CITY OF ELMIRA, CHEMUNG COUNTY, NY

Prepared for
New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 8
6274 East Avon-Lima Road
Avon, New York 14414-9519

Prepared by
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Syracuse, New York 13211

Project Number MN0832

FEBRUARY 2013

Agency Review Draft

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1. INTRODUCTION

1.1 Background

On behalf of Unisys Corporation (Unisys), Geosyntec Consultants, Inc. (Geosyntec) and EA Engineering, Science and Technology, Inc. (EA) are submitting this Interim Remedial Measure (IRM) Pre-Design Investigation (PDI) Data Report for the Former Sperry Remington Site (Site #808043) (Site) in Elmira, New York. Unisys is considering proposing one or more IRMs at the Site in accordance with the Order on Consent and Administrative Settlement (AOC) (Index #B8-0815-09-10) with the New York State Department of Environmental Conservation (NYSDEC) approved by NYSDEC on 30 March 2010.

The Site is located at 1051 South Main Street in Elmira, Chemung County, New York (see **Figure 1**). The Site is a 185' x 65' rectangular area (0.28 acres) as shown on **Figure 2**. The Site includes an 8 to 12-foot (ft) diameter covered concrete culvert (Site Culvert) and historic oil skimmer 2 (OS2). The Site Culvert extends from a former holding pond (immediately to the east and adjacent of the Site) to a discharge point to the east northeast and off-Site. The culvert is approximately 275 feet long and extends beneath a railroad line owned by Norfolk Southern. The Site Culvert discharges into a 580-ft-long Drainage Swale, which subsequently drains into a 3.5 acre Wetlands Area and Coldbrook Creek at two outfall locations (the Off-Site Areas). OS2 is a concrete rectangular structure measuring sixteen feet wide and forty-two feet long and aligned parallel to the Site Culvert (**Figure 2**). The Site and the Off-Site Areas are currently owned by multiple parties. Samples collected in 2006 by NYSDEC indicated that there were polychlorinated biphenyls (PCBs) and inorganic constituents present in sediments in the Drainage Swale, Wetlands Area and Coldbrook Creek.

In accordance with the AOC, Advanced GeoServices Engineering P.C. (Advanced GeoServices) prepared a Remedial Investigation/Feasibility Study (RI/FS) Work Plan dated 7 July 2010 and revised 11 November 2010. The overall purpose and objective of the RI is to determine the nature and extent of constituents of concern (COCs) that may have been potentially discharged from the Site, determining if residual COCs still exist, and identifying both current and potential routes of human exposure, if any, to COCs. Data collected in accordance with the RI/FS Work Plan and Work Plan Addenda #1 and #2 have been presented previously in the RI Phase 1 Data Report (Phase 1 Data Report) dated 18 November 2011, prepared by Advanced GeoServices.

Based on the results presented in the Phase 1 Data Report, the Site Culvert, the OS2 structure, and their respective subsurface connections have been identified by Unisys and NYSDEC as potential sources of COC-impacted sediments to the off-Site wetlands and may warrant IRM implementation. Prior to initiation of any IRM for the Site Culvert and the OS2 structures, sources, if any, must be identified otherwise IRM actions may be futile. Unisys presented plans for an IRM PDI to NYSDEC in an agency review draft of an IRM PDI Work Plan (Work Plan)

dated 30 April 2012. NYSDEC provided comments on 16 May 2012 and approved the Work Plan on 12 July 2012 after Unisys responded to agency comments on 7 June 2012.

1.2 Purpose

The purpose of this report is to present the findings of the IRM PDI. Additional data collection was needed to characterize the hydraulic connections to the OS2 and culvert structures and better understand the applicability and effectiveness of potential IRM alternatives. The applicability of potential IRM alternatives is dependent on whether active discharges to the structures are present and whether those discharges introduce COCs to the Site, or could potentially mobilize COCs already present in sediments within the structures. It has been reported that stormwater discharge occurs in the connections to the Site Culvert and a more refined understanding of stormwater flows and discharge volumes are needed to assess IRM applicability and stormwater management options.

Specific objectives associated with the IRM PDI are to:

1. Identify and review available documentation for the presence of historical infrastructure on-Site and off-Site. Specifically, the presence of additional oil skimmer structures and the layout of piping connections to the Site Culvert and OS2 will be evaluated. Historical analytical data from the former holding pond will be gathered and reviewed;

2. Inspect and characterize all connections leading to the Site Culvert and OS2 in terms of layout, sediment/sludge buildup, discharge activity under baseline (i.e., dry) and storm conditions, and origin, to the extent practical;

3. Evaluate the structural integrity and composition of the western portion of the Site Culvert;

4. Characterize COC concentrations in sediment/sludge accumulating in catch basins located in-line with connections leading to the Site Culvert;

5. Collect sediment samples from select locations of the OS2 and Site Culvert for waste characterization analyses;

6. Collect soil samples in areas adjacent to OS2 for waste characterization analyses; and

7. Perform exploratory intrusive investigations in the vicinity of historical oil skimmer structures, as required following historical document review and geophysical surveys.

1.3 Report Organization

The remainder of this report is organized into the following sections:

- Section 2 – Historical Document Review;
- Section 3 – Field Activities;
- Section 4 – Explanation of Significant Deviations from the IRM PDI Work Plan;
- Section 5 – Data Usability;
- Section 6 – Results and Discussions; and
- Section 7 – Conclusions.

2. HISTORICAL DOCUMENT REVIEW

Available documentation was reviewed for the presence of historical infrastructure on-Site and off-Site. In particular, the presence of additional oil skimmer structures and the layout of piping connections to the Site Culvert and OS2 were evaluated in order to guide proposed field activities and any future IRM. **Table 1** lists those historical documents that were reviewed. Copies of the historical documents are provided in **Appendix A**. Findings of the historical document review are presented in **Table 2**. Historical documents were collected from the following sources:

- Unisys Corporation: provided previous investigation reports, environmental site assessments and regulatory correspondence;
- Southern Tier Commerce Center (STCC), the current owner of the Site: supplied previous investigation reports, environmental site assessments and regulatory correspondence;
- Environmental Data Resources, Inc. (EDR) of Milford, Connecticut: provided historical aerial photographs and Sanborn fire insurance maps; and
- Southport Historical Society: supplied historical aerial photographs.

The document review confirmed the presence of two additional historic oil skimmers, Oil Skimmer #1 (OS1) and Oil Skimmer #3 (OS3), and identified roof drains, catch basins and stormwater piping for potential dye tracer testing. The document review confirmed the appropriateness of the plan for proposed field activities presented in the Work Plan.

3. FIELD ACTIVITIES

The following sections are a summary of field investigation activities conducted in July 2012 as part of the IRM PDI conducted by Geosyntec/EA at the Site. Field activities included: 1) adjacent facility inspections and observations, 2) a geophysical survey, 3) in-line camera inspections, 4) evaluation for the presence of other potential oil skimmers, 5) a site culvert flow assessment, 6) evaluation of the site culvert structural integrity, 7) dye tracer testing, 8) soil sampling, and 9) sediment sampling. Daily field reports completed during the field investigation program are provided in **Appendix B**. **Table 3** provides a summary of environmental samples collected during the IRM PDI and **Figure 3** depicts the locations where the samples were collected at the Site.

3.1 Adjacent Facility Inspections and Observation

A number of connections and pipes were observed within OS2 and the Site Culvert during the RI activities described in RI Phase 1 Data Report, with multiple influent connections observed to be actively discharging into the Site Culvert and/or reported to show evidence of scouring the soil bottom. These connections are potentially connected to facilities adjacent to the Site. Facility inspections within the structures located to the south of OS2 and the Site Culvert were arranged with STCC, including visual observations of existing interior surface drainage features (sumps, floor drains, etc.). In addition, inspections and observations were made of existing exterior surface drainage features, such as catch basins, drainage swales, and culverts in areas both north and south of OS2 and the Site Culvert.

On 23 July 2012, field personnel met with STCC property management to discuss the scope of field investigation activities and conduct a facility inspection. STCC property management led field personnel on a brief tour of the facility, described existing operations within the main on-Site building, and provided a general overview of known facility storm sewer flows and utility infrastructure. A second meeting was held on 24 July 2012 to further clarify specific objectives of the IRM PDI with STCC management and NYSDEC. Field personnel and NYSDEC toured Site buildings with STCC property management specifically to evaluate and observe the active storm sewer management system. Based upon storm sewer design documents provided by STCC, the system collects both surface and rooftop storm water and directs all discharge to the Site Culvert via a 5-ft inner diameter (ID) reinforced concrete pipe (RCP). It was additionally noted during the meetings and further confirmed during the facility inspections that the STCC storm sewer manages surface storm water from the City of Elmira captured along South Main Street. This storm water is collected in an approximate 25-ft deep brick sump pit structure located in the northwest portion of the main on-site building's basement. Furthermore, STCC property management stated that the main on-Site building does not currently have any existing active floor drains and/or sumps that are tied into the storm sewer management system. Photos of the sump pit structure are provided in the daily field report, dated 31 July 2012 (**Appendix B**).

3.2 Geophysical Survey

Prior to conducting intrusive field investigation activities a geophysical survey was conducted on 23 July 2012 at the SHS and STCC properties to identify potential subsurface anomalies including former oil water skimmers, storm sewer lines, and OS2. Additionally, the geophysical survey included a mark-out of underground utilities in areas where proposed subsurface field investigation activities were planned. NOVA Geophysical Services (NOVA) performed the surveys consisting of ground penetrating radar (GPR), electromagnetic (EM) survey, and comprehensive subsurface utility (CSUL) surveys. The equipment utilized for the surveys included a CSUL Pipe and Cable Locator (a magnetic detector), Ditch-Witch utility locator, electromagnetic detector (Geonics EM61), and Noggin's 250 MHz ground-penetrating radar (GPR) units. A copy of the geophysical survey report is provided in **Appendix C**.

The geophysical survey identified underground utilities and pipes within the proposed subsurface investigation areas, identified a large rectangular subsurface feature in the area of former OS1, and located the subsurface limits of OS2 and Site Culvert, as well as subsurface features associated with the 5-ft RCP storm sewer pipe. A map showing the identified underground utilities, pipes and other subsurface features is included in **Appendix C**.

3.3 In-line Camera Inspections

In-line camera inspections took place at the STCC and Southside High School (SHS) properties during 25-27 July and 30-31 July 2012 (see **Figure 3**). It should be noted that a tornado event occurred in the vicinity of the Site on 26 July 2012. Weather records for 26 July 2012 indicate 0.29 inches of rainfall between 16:00 and 16:30. Visual inspections of the catch basins occurred before and after the event. Hepaco REACT, LLC (Hepaco) provided and operated cameras and support equipment utilized for survey inspections. Two camera units were used for surveying the subsurface interior piping and catch basins associated with storm water management system.

- *Inuktun VT 100* - track mounted camera capable of entering smaller diameter pipes (10-in diameter), and

- *iPEK Rovver 125 Crawler Camera* – wheel mounted unit (larger size), utilized to overcome larger obstructions that were impassable with the track mounted unit.

A total of 14 catch basins and 737 linear feet of subsurface pipe were surveyed during the inspection activities. Catch basin locations and approximate pipe survey locations are provided in **Figure 4**. Photo logs of catch basins and video footage recorded during the surveys in DVD format are provided in **Appendix D**. The following sections provide a summary of the survey inspections detailed by catch basin location.

Catch Basin #1 (CB-1)

CB-1 is located off of the northwest corner of existing Building #85 and directly south of the pond. The cover of CB-1 is an inlet grate, meant for capture of surface storm water flow. CB-1 is of brick construction and contained a single visible 16-in clay pipe. Visible signs of the structures collapse were evident along the southeastern side, and noted by a large pile of bricks accumulated at the base of the structure. Field observation of CB-1 noted no entry piping into the catch basin. Soil/sediment debris and the aforementioned bricks were measured at approximately 6.2 feet below ground surface (bgs). The 16-inch (in) clay tile pipe exits CB-1 to the east parallel to Building #85. The 16-in pipe was observed to be approximately three-quarters full with sediment/soil and debris and was obstructed by numerous fallen bricks; therefore it was not feasible for camera entry and survey.

Catch Basin #2 (CB-2)

CB-2 is located north of existing Building #85 and approximately 61 feet east northeast of CB-1. CB-2 is of cement block and poured concrete base construction and serves as junction point and inlet for a 5-ft RCP that enters from the west. Similarly, a 5-ft RCP, approximately 155 feet in length, exits CB-2 to the northeast and connects directly to the Site Culvert. The bottom of CB-2 is approximately 9.5 feet bgs. Based on visual observation there appeared to be approximately 2-in of storm water flow during the camera investigation and 1-2-in of cobbles and gravel with lesser amounts of sediment/soil within the base of the catch basin. The camera investigation revealed three lateral lines entering the 5-ft RCP to the west of CB-2 as shown on Figure 3.

- The first lateral is an approximate 10 to 12-in diameter pipe that joins halfway up the south side of the pipe, approximately 90 feet west of CB-2. Based on the distance the camera traveled, the known location of former OS3, and the outlet pipe size (12-in clay tile pipe) observed during test pitting along the northern wall of former OS3 (see Section 3.4) it is likely that this lateral line was a connection for former OS3. No water was flowing from this lateral during the time of the camera inspection. Former OS3 was decommissioned during historical remedial activities at the Site in 2000;

- The second lateral is an approximate 4 to 6-in steel pipe that enters the 5-ft RCP in the top quarter of the pipe from the south, approximately eleven feet west of the first lateral. No water was observed flowing from the 4-6-in pipe during the camera inspection; and

- The third lateral is approximately ten feet west of the second lateral, and is an approximate 10 to 12-in pipe half way up the north side of the 5-ft RCP. No water was observed flowing into this lateral. The camera inspection reached a total distance of 143 feet west of CB-2, and was terminated at this length due to a 6” rock that was impassable for the camera. No additional junctions were observed.

The 5-ft RCP that runs north from CB-2 was inspected for approximately 40 feet before encountering obstructions that were impassable. Visual physical inspection of this pipe revealed a connection with catch basin CB-10 through an approximate 24-in diameter, 2-ft long pipe on the east side of the 5-ft RCP, approximately 61 feet from CB-2.

Catch Basin #3 (CB-3)

The structure, originally identified as CB-3 is not a catch basin, but an underground junction point located east of CB-4 on the southern edge of the SHS property. This junction joins a 10-in clay pipe from CB-4 to a 42 to 48-in RCP that runs from CB-5 to the Site Culvert (see CB-5 discussion). This structure was not accessible from the ground surface, however, it was identified during the camera survey of CB-5, also on the SHS property.

Catch Basin #4 (CB-4)

CB-4 is located approximately 40 feet north of the western end of the Site Culvert on the southern edge of the SHS property and serves as a surface water catch basin. The structure has a grate top, cinder block walls and a concrete base at approximately 4.3-feet bgs. A single 10-in clay pipe runs from CB-4 to the east into Structure CB-3. This pipe was not filmed as part of the camera investigation, but evidence from the CB-5 camera survey identified this 10-in clay pipe entering the 42 to 48-in RCP from the direction of CB-4. The 42 to 48-in RCP runs from CB-5 to the Site Culvert, as discussed in the previous and following sections (CB-3 and CB-5, respectively). The invert of the 10-in pipe is approximately 2.4 feet bgs.

Catch Basin #5 (CB-5)

Catch basin CB-5 is located in the parking lot of SHS, approximately 225 feet north of the Site Culvert. This pre-cast concrete structure serves as a junction between a 36-in RCP to the north, a 24-in RCP to the west and a 42 to 48-in RCP to south. As part of the camera survey the 42-48-in RCP that runs from catch basin CB-5 to the Site Culvert was filmed in its entirety. The invert to the 42 to 48-in pipe is approximately 13.5-feet bgs and was observed to be free of sediment and debris during the camera investigation. A junction with a 10-in clay pipe was identified at approximately 180 feet south of CB-5. This 10-in clay pipe is associated with CB-4. SHS officials noted that this line receives non-contact cooling water from the SHS facility. Flow was observed from this pipe under normal conditions due to discharge of non-contact cooling water from the SHS facility and during the storm event on 26 July 2012.

Catch Basin #6 (CB-6)

CB-6 is located just off of the southeastern parking lot of SHS, in an access roadway that runs along the east side, or back of the school. This structure is an approximate 14-ft deep catch basin of brick construction that receives storm water from the following: (i) a 36-in steel pipe from the north; (ii) a 12-in clay or steel pipe at the base from the west and (iii) an additional 42 to 48-in

concrete pipe located approximately 4 feet above the base from the west. CB-6 was observed to have one 36-in exit pipe that carries flow to the south in the direction of the Site Culvert. Evidence of a brick arch over the exit pipe was observed within CB-6. No water flow was observed within this catch basin during the camera investigation or following the 26 July 2012 storm event, but it is considered a surface water inlet due to the presence of an inlet grate as the cover. Limited amounts of sediment were observed within the basin of CB-6. The base of the structure appeared to be a combination of brick and concrete with a concave concrete trough that connected the northern inlet pipe with the southern exit piping. Physical probing of the base of the structure with an extended (12 ft) stainless steel hand auger was conducted to assess sediments and dislodging obstructions from the base of the catch basin. Sediments and debris within the concrete trough were not of significant depth based on physical probing; however due to the depth of the structure and equipment limitations actual depths of the sediment and debris were not verified. The concrete trough that connects the piping within the base of the structure would likely have been fairly shallow to allow consistent transitional flow from pipe to pipe. Wood, metal rods and brick debris were observed within the catch basin and created obstacles for entry and access for conducting the camera investigation.

Access to CB-6 was initially delayed for approximately two and a half hours due to difficulties encountered removing the surface grate. It was additionally observed that the steel rebar access ladder was in physically poor condition and either missing sections and/or broken. Confined space entry was not planned for during the development of the IRM PDI. Additionally, entry into CB-6 presented additional health and safety considerations due to the age of the structure and observed physical condition. These obstacles prevented entry and access for conducting the camera investigation. As a result, CB-6 and its connections were not surveyed.

Catch Basin #7 (CB-7)

CB-7 is the westernmost catch basin inspected on the STCC property. This structure is approximately 12-ft deep and serves as an inlet junction for one 24-in steel pipe from north, and a second 24-in steel pipe from the south. The outlet of catch basin CB-7 is a 24-in steel pipe that flows to the east in the direction of the former holding pond. The catch basin and associated pipes were noted to be dry at the time of the inspection, and contained wood and brick debris. The camera survey for the 24-in steel pipe to the north was terminated after approximately 10 feet, due to the presence of a solid obstruction, suggesting this line is likely abandoned. The 24-in outlet pipe to the east was not surveyed due to technical difficulties during the camera inspections, however it is assumed that this pipe flows into catch basin CB-9 located 200 feet to the east based on historical records.

Catch Basin #8 (CB-8)

Catch basin CB-8 is located 82 feet east of catch basin CB-7 and contains one 12-in corrugated metal pipe with an invert depth of approximately 5-feet bgs. The camera survey revealed blockage consistent with pipe abandonment approximately four feet south of the catch basin.

Catch Basin #9 (CB-9)

CB-9 is located 121 feet east of catch basin CB-8 and approximately 200 feet east of CB-7. This structure serves as a junction between a box culvert from the east and a 24-in pipe from the west. The base of the structure is approximately 5-ft bgs with a sediment/soil base. The 1958 Industrial Survey map indicates that this structure and associated lines served as a discharge location for cooling water from former Building #66. The 24-in pipe entering the structure from the west was dry with minimal observed amounts of sediment and debris. The concrete box culvert exiting the structure to the east, in the direction of the former holding pond, was observed to have approximately 6 in of free board to the top of the culvert. It is unknown how large this former concrete box culvert may have been. Based upon the exit pipe observed in CB-7, the direction of the pipes and similar elevations, it is assumed that CB-7 and CB-9 are connected; however, these pipes did not appear to be in service at the time of the camera inspection.

Catch Basin #10 (CB-10)

CB-10 is the structure previously observed by NYSDEC and was located north of the existing access road on the north side of the STCC property. The structure was not visible at the ground surface and was discovered during a visual inspection of the 5-ft RCP that discharges directly to the Site Culvert from catch basin CB-2. The top of catch basin CB-10 was unearthed during the IRM PDI; however the steel grate could not be dislodged for camera access. This structure was further evaluated during the camera investigation of the 36-in northern pipe of CB-11 and was unearthed from beneath approximately 8-in of soil. The structure consists of a 36-in entry pipe from the south and an 18-in steel exit pipe to the north, both parallel to the 5-ft RCP. A 24-in overflow pipe connects to the 5-ft RCP to the west. Photo documentation of the interior of CB-10 is provided in **Appendix B**. The interior of CB-10 was observed to be constructed of mixed materials including brick, concrete cinder block, and poured aggregate concrete in the base, suggesting that the catch basin and overflow piping were added to allow for diversion of storm water flow during high flow conditions when the 36-in to 18-in pipe flow would not be hydraulically competent. During the camera survey of the 18-in northern pipe it was observed to bend and travel west (parallel with the Site Culvert) approximately 20 feet into the pipe, as shown on **Figure 3**. Loose gravel and cobbles prevented the camera from travelling beyond 30 feet within the pipe.

Because catch basin CB-10 and associated piping were part of the "older" storm water infrastructure at the site, it is surmised that the 18-in exit piping connects into OS2 via the 3x3

concrete encased pipe. Dye tracer testing was performed at CB-10 and is further discussed in Section 3.8.

Catch Basin #11 (CB-11)

Catch basin CB-11 is a brick structure located off the northeast corner of existing Building #85 on the STCC property. This structure serves as a six-way junction point for storm sewers associated with the "older" site infrastructure. Each of the five entry pipes and one exit pipe within CB-11 was surveyed during the IRM PDI. Further details on the associated pipes are detailed in the following sections based upon the location of the pipe within the catch basin.

Northern Exit Pipe

The northern exit pipe is a 36-in clay pipe that runs directly to catch basin CB-10. Approximately 1 in of water with cobbles and minimal sediment were observed during the camera investigation. This pipe was surveyed for 80 feet until it reached catch basin CB-10, no additional entry pipes were noted along this section of pipe. The invert of this exit pipe is approximately 8.5 feet bgs.

West Entry Pipe

The West entry pipe is a 16-in clay pipe that was approximately one-half to one-quarter full with sediment/soil at the time of the camera investigation. The pipe invert was approximately 8 feet bgs. This pipe was surveyed approximately 68 feet from CB-11, where a large rock within the pipe impeded further travel. Based on the presence of a large amount of sediment in the pipe and the direction from which it enters CB-11, it is expected that this pipe connects directly with CB-1.

Southwest Entry Pipe

The Southwest Entry pipe is a shallow 12-in clay pipe (invert at 5-ft bgs) that runs southwest and curves to the south approximately 23 feet into the pipe. Due to the presence of larger diameter rocks, the camera survey only extended approximately 29 feet in total length.

South Entry Pipe

The South Entry pipe is a 36-in clay pipe that runs south with an invert at approximately 8.5 feet bgs. The camera investigation covered approximately 35-ft where impassable obstacles were encountered. Based on its location and vector, it is likely that this pipe ties in with CB-13 (see CB-13 discussion) approximately 110-ft south of CB-11.

Southeast Entry Pipe

The Southeast Entry pipe is a shallower 12-in clay pipe (invert at 4 feet bgs) that runs southeast and curves to the south approximately 5-ft into the pipe, to run parallel with the southern and

southwestern pipes. The camera investigation was completed to a distance of 13 feet until sediment within the pipe obstructed further camera travel. The pipe appears to be approximately three-quarters full of sediment/soil at approximately 15 to16 feet south of CB-11.

East Entry Pipe

The East Entry pipe is a 16-in clay pipe with an invert at approximately 8-ft bgs. It was noted during the camera survey that a 10-12-in pipe tied into the 16-in clay line from the north approximately 24 feet east of catch basin CB-11. The East Entry pipe contained approximately 1 to 2 in of dry sediment to approximately 43 feet, where the sediment became wet and more difficult to navigate with the camera. The survey terminated at this location.

Catch Basin #12 (CB-12)

CB-12 is located southeast of CB-11 on the STCC property. This structure contained approximately 8 in of sandy sediment with dark staining observed and a brick base. CB-12 was a concrete structure with a brick base and was approximately 2-ft by 2-ft by 2-ft. No connections were observed within the structure.

Catch Basin #13 (CB-13)

CB-13 is located south of CB-11 on the STCC property. This structure serves as an open surface drainage feature with one 12-in exit pipe. The camera survey revealed that the 12-in pipe enters a 36-in pipe approximately 7 feet northwest of catch basin CB-13. This 36-in pipe is assumed to be the same 36-in pipe that enters catch basin CB-11 from the south based upon identical pipe diameters and the alignment shown on the STCC storm drain map (**Appendix A**).

Catch Basin #14 (CB-14)

CB-14 is located east of catch basin CB-11 on the STCC property. This structure was similar in nature and construction as CB-12, and also was observed to contain approximately 8 in of sandy sediment/soil with dark staining and a solid bottom. CB-14 was a concrete structure with a brick base and was approximately 2-ft by 2-ft by 2-ft. No connections were observed within the structure.

Former Holding Pond

One 10-in corrugated metal pipe located on the southeast side of the former holding pond was identified and inspected during the camera survey. The camera survey terminated approximately 10 feet south in this pipe before encountering an obstruction.

3.4 Evaluation for the Presence of Other Potential Oil Skimmers

Review of historical records suggested that additional Oil Skimmers (OS1 and OS3) were present on the STCC and SHS properties. During the subsurface geophysical survey a larger rectangular anomaly was identified in the vicinity of former OS1 (SHS property). Additionally, former OS3 was visible at the ground surface at the STCC property. As such, test pits were excavated in the areas of former OS1 and OS3 to identify structures, observe potential entry/exit piping and visually inspect potential subsurface features. Test pit logs are provided in **Appendix E**.

Four test pits (TP-5 through TP-8) were completed in the area of former OS1 where the geophysical anomaly had been identified (**Figure 4**). Test pits within and outside of this former structure revealed four brick walls with no inlet/outlet connections observed. The structure did not have a top. The dimensions of the subsurface feature were roughly 28 feet by 13 feet. Test pits extended between 9 and 13-ft bgs around and within the structure. Subsurface soils observed during test pitting were primarily sands with large cobbles. Descriptions of test pits TP-5 through TP-8 are presented below.

Test Pit TP-5

TP-5 was oriented from west to east on the eastern wall of the structure. The top course of brick on the eastern wall was encountered approximately 12-in below the asphalt ground surface. Soil within TP-5 consisted of mainly backfill material with loose sand with cobbles. A noticeable darker layer of fill/soil was evident within the 1-3-ft depth interval. Soil/fill material below the 3-ft depth interval did not exhibit darker color and were more indicative of general fill and sand with cobbles. TP-5 was excavated to an approximate depth of approximately 6-ft bgs on the exterior of the structure.

Test Pit TP-6

TP-6 was oriented from south to north along the outside of the western wall of the structure. The top course of brick on the western wall was encountered approximately 12-in below the asphalt ground surface. Soil within TP-6 consisted of mainly backfill material with loose sand and cobbles. TP-6 was excavated to determine the total depth of the structure wall, however due to significant collapse of material from surrounding soil the test pit was terminated at approximately 8 feet bgs. No piping was encountered within TP-6.

Test Pit TP-7

TP-7 was oriented from east to west along the northern wall of the structure. The top course of brick on the northern wall was encountered approximately 12-in below the asphalt ground surface. TP-7 excavated material from the interior of the structure to determine the depth to the bottom of the structure and identify the potential for residual sediments within the structure. The

interior bottom of the structure was located at approximately 9.5-10 feet below the top of the structure wall, however no residual sediment was observed within the structure. One soil/fill material sample was collected from the spoils associated with the interior test pit. Soil within TP-7 consisted of mainly backfill material with loose sand and cobbles. No piping was encountered within TP-7.

Test Pit TP-8

TP-8 was oriented from north to south along the eastern wall of the structure. This test pit crossed TP-5 but was only excavated along the exterior of the eastern wall to identify any potential entry and/or exit piping. Additionally, the test pit was excavated along the exterior of the former structure to determine the depth of the exterior wall. The exterior wall appeared to terminate at approximately 11-11.5 feet below the top of the structure wall. Soil within TP-8 consisted of mainly backfill material with loose sand and cobbles. No piping was encountered within TP-8.

Based on discussions with the NYSDEC representative, former OS3 had been previously decommissioned during historical remedial activities at the Site. Test pits (TP-9 through TP-11) were completed in areas surrounding former OS3 to identify former inlet/outlet piping (**Figure 4**). Two connections were observed during test pitting activities and included an inlet pipe on the southern exterior wall and an outlet pipe on the northern exterior wall. Subsurface soils within these test pits were similar in nature to that of the test pits in the area of former OS1. The exterior walls of former OS3 were also identical to that of the structure located in the area of former OS1. Descriptions of test pits TP-9 through TP-11 are presented below.

Test Pit TP-9

TP-9 was oriented from west to east along the exterior northern wall of the structure. Because the walls of former OS3 were exposed at ground surface test pitting activities focused on determining location of former piping associated with the structure. One outlet pipe (10-12-in clay) was located along the northern exterior wall offset on the western end at approximately 4.5 feet below the top of the structure wall. Soil within TP-9 consisted of mainly backfill material with some loose dark brown sand with cobbles. TP-9 was excavated to an approximate depth of approximately 5-ft bgs.

Test Pit TP-10

TP-10 was oriented from north to south along the exterior eastern wall of the structure. A 3-in steel pipe and ¾-in pipe were uncovered at approximately 1.6 feet bgs. The 3-in steel pipe and associated ¾-in pipe, which appeared to be electrical conduit, were found within the entire length of TP-10. The terminus of these pipes were not located during test pitting activities but were assumed to run south to Building #88 and north to the former holding pond. Based on the size of the piping and electrical conduit, the lines may have been associated with a pump that would

have either been used for process intake water from the holding pond or process water discharge back to the holding pond. Soil within TP-10 consisted of mainly backfill material with some loose dark brown sand with cobbles. TP-10 was not excavated below the unearthed piping.

Test Pit TP-11

TP-11 was oriented from west to east along the southern wall of the structure. Based on the outlet piping located within TP-9, TP-11 was excavated to locate former inlet piping associated with the structure. One inlet pipe (18-in clay) was located along the southern exterior wall offset on the eastern end at approximately 5 feet below the top of the structure wall. Soil within TP-11 consisted of mainly backfill material with some loose dark brown sand with cobbles. TP-11 was excavated to an approximate depth of approximately 6 feet bgs.

3.5 Site Culvert Flow Assessment

A cursory flow assessment was conducted during the field investigation program to better understand the hydraulic characteristics of the Site Culvert. During physical inspections of the Site Culvert on 23-24 July 2012, the water level within the Site Culvert was observed to be low and flow inputs from the 5-ft RCP (STCC main storm water discharge) and the 48-in RCP (SHS discharge point) were minimal. The water level was on average 2 to 6 inches above the top of the sediment layer. As noted in the Phase I RI Report, scouring of sediment was observed at the outfalls of both input pipes. Similarly, and as noted during the Phase I RI, the physical bottom of the culvert deepens as it approaches the 3x3-ft concrete-encased pipe. After this point, the water level on the western side of the 3x3-ft concrete-encased pipe drops and maintains a consistent level until the outfall of the western section. This observation indicates that water flow within the eastern section goes beneath the 3x3-ft concrete pipe and is being impounded to some extent, likely due to sediment deposition beneath the pipe crossing. This same impoundment reduces the velocity of water flow after the 3x3-ft concrete encased pipe.

There were three hydraulic inputs to the Site Culvert actively observed during the IRM PDI. Those two discharge locations noted above and surface water flow into the former holding pond. A tornado event occurred in Elmira, NY on 26 July 2012 and allowed for observation of surface water flow patterns at the STCC and SHS properties. During the storm event, surface water flow that was not captured by surface drainage features was directed to the former holding pond with significant volume to the eastern culvert opening. Surface water flow was observed entering the former holding pond from both STCC and SHS properties. Post storm event, high water level marks within the Site Culvert indicated a rise within the Site Culvert of approximately 6 inches during the event.

Observations with regard to the capacity of the Site Culvert during the IRM PDI were inconclusive. Additional data on approximate discharges from STCC and SHS, as well as determining the actual surface water capture zone of the former holding pond would be

warranted in order to determine the flow capacity of the Site Culvert if diversion of the storm water flow system were proposed under an IRM.

3.6 Evaluation of Site Culvert Structural Integrity

The structural characteristics of the Site Culvert were evaluated during IRM PDI field activities. Field activities included observations within the Site Culvert and test pitting along the outside southern wall of the eastern section of the Site Culvert. Based upon information provided in the Phase I RI, the eastern end of the culvert was noted to have a uniform bottom based on consistent depths to refusal observed during sediment sampling activities. It was assumed that the eastern section of culvert has a poured concrete bottom. During the field investigation the eastern section of the culvert was hand probed to verify the uniformity of the structures' bottom at multiple locations with this section. Physical probing of the sidewalls confirmed concave sidewall slopes to a hard bottom approximately 12-18 in below the top of sediment. Additionally, an inspection of the eastern section culvert outfall was conducted. Test pit logs are provided in **Appendix E**.

The western culvert section was visually inspected during the IRM PDI. A single test pit was completed along the southern side of the culvert to evaluate the depth of the culvert sidewalls at a location west of the concrete-encased pipe. TP-14 was oriented from west to east along the outside southern wall of the Site Culvert (**Figure 4**). TP-14 was excavated to visually assess the structural integrity of the Site Culvert. The top of the site culvert was located approximately 4.5 feet bgs. The exterior wall of the Site Culvert was constructed identical to structures OS1 and OS3. The wall appeared in good condition with no major cracks or surface deterioration notable on the surface exposed during test pitting. Soil within TP-14 consisted of mainly backfill material with some loose dark brown sand with cobbles. TP-14 was excavated to an approximate depth of approximately 11-feet bgs. During test pitting, water was observed to enter the test pit at approximately 9.5 feet bgs, coincident with the expected bottom of the Site Culvert sidewall, based upon Phase I RI data. Phase I RI data also indicated that the eastern section of the Site Culvert did not have a uniform bottom. This observation was confirmed during IRM PDI sediment waste characterization sampling and hand probing within the structure. This suggests that the eastern section of the Site Culvert may not be constructed with a hard bottom and that water entering the excavation could have resulted from seepage between the culvert sidewall and native soil interface (i.e., a higher elevation than groundwater). Exterior sidewalls were observed to be in good structural condition and were constructed of brick layers covered with a thin set concrete coating, similar in nature to that of the structure found at SHS and former OS3.

3.7 Evaluation of OS2

Two test pits (TP-12 and TP-13) were completed around the exterior walls of OS2 (**Figure 4**). TP-12 was oriented from east to west along the exterior northern wall of the OS2 and extended

approximately 35 feet along the outside of the structure. TP-12 was excavated to visually assess the exterior of OS2, collect soil samples for waste characterization purposes, and expose the lines observed in the interior of OS2 in the northern wall. One outlet pipe (3-in steel) was located along the northern exterior wall at approximately 5.5 feet bgs and approximately 22 feet from the eastern end of OS2. A loose 4-in steel pipe was also discovered within TP-12 east of the 3-in steel line, but appeared not to be associated with OS2. Additionally, two large (3x3) concrete blocks were observed within TP-12 approximately 3-ft bgs in the eastern end of the test pit. A noticeable darker layer of fill/soil was evident within the 2-4-ft depth interval. Soil/fill material below the 4-ft depth interval did not exhibit darker color and consisted of slag ash, general fill and sand with cobbles. TP-12 was excavated to an approximate depth of approximately 10.5 feet bgs in the deepest location.

TP-13 was oriented from north to south along the outside western wall of OS2 and extended for approximately 10 feet. TP-13 was excavated to visually assess the exterior of OS2 and collect soil samples from the area surrounding OS2 for waste characterization purposes. The exterior wall of the site culvert was constructed identical to structures OS1 and OS3. The wall appeared in good condition with no major cracks or surface deterioration notable on the surface exposed during test pitting. A large concrete block, located approximately 4.5 feet bgs, was unearthed on the northern end of the exterior western wall. Soil within TP-13 consisted of mainly backfill material with some loose dark brown sand with cobbles. TP-13 was excavated to an approximate depth of approximately 10 feet bgs, with groundwater encountered at approximately 8.5 feet bgs.

3.8 Dye Tracer Testing

Dye tracer testing was completed at two locations during the IRM PDI to evaluate potential storm sewer connections to OS2. Dye tracer testing was completed on 31 July 2012 at locations CB-6 and CB-10.

CB-6 Dye Tracer Testing

CB-6, located on SHS property, was dye tracer tested on 31 July 2012. The 36-in storm sewer line exiting CB-6 was unable to be evaluated during the camera survey due to a large amount of debris blocking camera entry and access as previously noted in Section 3.3. Historical information from the 1958 NYSDOH Industrial Survey (**Appendix A**) depicts a 36-in storm sewer line exiting CB-6 and flowing into another catch basin located just north of the Site Culvert, and then turning west for a short length, eventually heading south again where it was tied into the Site Culvert. The 1958 mapping indicates that the catch basin located just north of the Site Culvert was designed as an overflow point for discharge from the former OS1. Additionally, an 18-in clay pipe enters the Site Culvert just west of the intersection of the western and eastern culvert sections in the same general location as depicted in the 1958 map. No flow and a large amount of debris were noted in the 18-in clay pipe during the IRM PDI Site

Culvert inspection. In an effort to identify a potential connection of the 36-in exit pipe within CB-6 with the Site Culvert and/or OS2, approximately 150 gallons of potable water was dye tinted and poured into catch basin CB-6. Flow from the holding tank was directed into CB-6 at the opening of the 36-in exit pipe. The Site Culvert and OS2 were visually inspected for a period of two hours following dye introduction. No observations of dye tinted water were noted in either of the two structures. Based upon the diameter of the exit pipe, the distance to the expected Site Culvert discharge location, and the amount of debris contained within the entry and exit locations of the pipe, the volume of water used for testing may have been insufficient to be observed within the Site Culvert and/or OS2.

CB-10 Dye Tracer Testing

Dye tracer testing was also performed at catch basin CB-10 on 31 July, 2012. The dye tracer testing was initiated to determine the discharge location of the 18-in exit pipe, which was only partially evaluated during the camera survey. Based upon the camera survey, the 18-in exit pipe traveled north for a short stretch and then bends east and parallels the Site Culvert. Approximately 150 gallons of potable water was dye tinted and poured into catch basin CB-10. Flow from the holding tank was directed into catch basin CB-10 at the opening of the 18-in exit pipe. The Site Culvert and OS2 were visually inspected for a period of one hour following dye tracer testing. No observations of dye tinted water were noted in either of the two structures. Similar to CB-6, the volume of water utilized during the dye tracer testing may have been insufficient to reach the expected discharge location.

3.9 Soil Sampling

IRM PDI soil sampling consisted of collecting soil samples from stockpiled test pit excavation material. **Table 3** presents the list of IRM PDI soil samples collected, including the purpose of the sample and analyses requested. Sample locations are shown on **Figure 3**. Subsurface soil samples were collected from test pits TP-12 (OS-SB-01-0-11.5), and TP-13 (OS-SB-02-0-9.5) around OS2 and analyzed for waste characterization profiling including PCBs for use in the evaluation of potential IRMs. A subsurface soil sample was collected from TP-7 (TP-7) around former OS1 in order to evaluate former OS1 as a potential source of COCs in off-site sediment and surface water. The soil sample from TP-7 was analyzed for VOCs, semi-volatile organic compounds (SVOCs), Target Analyte List (TAL) Metals, pesticides and PCBs.

Each subsurface soil sample was screened utilizing a photoionization detector (PID) for the presence of volatile organic compounds (VOCs). Following screening for VOCs, samples for VOC analyses were collected with Terracore samplers. For the remaining samples, subsurface soil material was field homogenized in stainless steel mixing bowls. Homogenization included a thorough mixing (at least 2 minutes) of the materials. In accordance with the Quality Assurance Project Plan (QAPP) and Work Plan, each sample was transferred to a properly-labeled, laboratory-supplied sample container, and immediately placed on ice for shipment to the off-site

laboratory for analysis. Laboratory analytical methods were performed by TestAmerica, an Environmental Laboratory Accreditation Program (ELAP)-certified laboratory. In addition, the laboratory followed QA/QC, holding time, and reporting requirements as defined in the NYSDEC Analytical Services Protocol of June 2000. Laboratory analytical data were reported using Category B deliverables and the standard electronic data deliverable. Laboratory analytical data and Form I's are provided in **Appendix F**.

An additional soil sample (OS3-SB-DIS) was collected from the soil spoils associated with test pits TP-5, TP-6, TP-7, and TP-8 on the SHS property, which were unable to be placed back into the originating test pits due to asphalt surface restoration activities. This sample was analyzed for waste characterization profiling including PCBs for immediate disposal. Analytical data for subsurface soil sample OS3-SB-DIS were forwarded to Chemung County Landfill for acceptance approval. The Chemung County Landfill approved the spoils for acceptance, and the waste was transported to the facility on 23 August, 2012. A signed manifest and disposal ticket documenting those activities are provided in **Appendix G**.

3.10 Sediment Sampling

Table 3 presents the list of IRM PDI sediment samples collected, including the purpose of the sample and analyses requested. Sample locations are shown on **Figure 3**. Sediment samples within the Site Culvert, CB-1 and OS-2. Four sediment samples from within the Site Culvert (C-8, C-9, C-10, and C-11) were collected with a hand-driven dedicated polycarbonate core. Each core was advanced between approximately eighteen inches and two feet below the top of the sediment layer and retrieved by slowly pulling the filled core out at an angle. Upon retrieval of the core, each sediment sample was transferred to a stainless steel bowl, screened with a PID for the presence of VOCs and homogenized. Due to the nature of the sediment material field, screening for VOCs in 6-in intervals was infeasible. Site Culvert sediment samples were analyzed for waste characterization profiling including PCBs.

Two composite sediment samples (OS2-3 and OS2-4) were collected from material contained within OS2. Sediment samples from within OS2 were collected utilizing a telescopic dipper equipped with a swivel adapter and dedicated 600 mL polypropylene ladle. The telescopic dipper was extended into OS2 via two top access man ways and the culvert side 12-inch high by 52-inch wide rectangular opening. Sediment material was collected from multiple locations within OS2 from depths approximately up to one foot below the top of the sediment layer. Composited sediment material was transferred to a stainless steel bowl and homogenized. The OS2 sediment samples sediment samples were analyzed for waste characterization profiling including PCBs.

One sediment sample from within CB-1was collected utilizing a stainless steel hand auger. The hand auger was extended into the catch basin to retrieve sediment from a one foot depth interval. The sediment material was transferred to a stainless steel bowl, screened with a PID for the

presence of VOCs and homogenized. The homogenized sediment was then transferred to properly-labeled, laboratory-supplied sample containers and placed on ice for shipment to the off-site laboratory for analysis. The CB-1 sediment sample was analyzed for SVOCs, TAL Metals, and PCBs.

In accordance with the QAPP and Work Plan, each sediment sample was transferred to a properly-labeled, laboratory-supplied sample container, and immediately placed on ice for shipment to the off-site laboratory for analysis. Laboratory analytical methods were performed by TestAmerica. In addition, the laboratory followed the QA/QC, holding time, and reporting requirements as defined in the NYSDEC Analytical Services Protocol of June 2000. Laboratory analytical data were reported using Category B deliverables and the standard electronic data deliverable. Laboratory analytical data and Form I's are provided in **Appendix F**.

4. EXPLANATION OF SIGNIFICANT DEVIATIONS FROM IRM PDI WORK PLAN

4.1 In-line Camera Inspections

In-line camera inspections were conducted on the STCC and SHS properties. A total of 14 catch basins and 737 linear feet of subsurface pipe were surveyed. As noted in Section 3.3, some camera inspections could not be completed due to obstructions by debris, rocks, cobbles and gravel.

4.2 Catch Basin Sediment Sampling

The total number of composite catch basin sediment samples was less than indicated in the IRM PDI work plan due to insufficient or no sediment being present in catch basins CB-2, CB-3, and CB-4. Material within these catch basins was primarily loose gravel and cobbles or non-existent; therefore sediment samples were not collected for analyses.

4.3 Test Pit Soil and Sediment Sampling at Former OS1 and OS3

The total number of composite test pit subsurface soil samples and inside structure sediment samples was less than indicated in the Work Plan. The Work Plan proposed the collection of composited subsurface soil samples from within test pits located in the area of former OS1 and OS3 with the purpose of investigating COCs. During test pit activities in the former OS1 area it was determined that the structure was not active and was not connected with either the Site Culvert and/or OS2. One composite subsurface soil sample was collected from inside of the former structure, from test pit TP-7. There were no composite sediment samples collected at OS1 as the structure was not active.

No subsurface soil samples were collected from the test pits surrounding former OS3. During field investigation activities, the NYSDEC representative stated that existing documentation confirmed the clean closure of former OS3. Because former OS3 was determined not to be a potential active source of COCs, no additional sampling was warranted. There was no composite sediment samples collected at OS3 as the structure had been previously decommissioned.

4.4 Test Pit Soil Sampling at OS2

The IRM PDI originally proposed the collection of two depth (0-7 feet bgs and 7.5-15 feet bgs) composite subsurface soil samples from test pits excavated in the area of OS2. TP-12 and TP-13 were only excavated to depths of 11 feet bgs and 9.5 feet bgs, respectively. The intent of analytical waste characterization data from these test pits was to provide a basis for IRM cost evaluation. Groundwater intrusion into these test pits prevented adequate visualization of OS2 exterior walls. Additionally, significant undermining of surrounding soil became a health and safety issue as the test pits extended beyond 10 feet bgs. One composite subsurface soil sample was collected from each test pit in lieu of the two depth composite samples proposed.

4.5 Waste Profiling

The Work Plan identified Toxicity Characteristics Leaching Procedure (TCLP) analyses for soil and sediment samples collected for the purpose of waste characterization. Samples were initially submitted for TCLP analyses for toxicity characteristics plus total cyanide and sulfide as measures of reactivity. Analyses for flash point and pH were added subsequently to evaluate ignitability and corrosivity characteristics, respectively. Because PCBs are COCs, constituent analysis for PCBs was also added to the waste characterization.

5. DATA USABILITY

Analytical data packages generated by TestAmerica during the IRM PDI were validated by Geosyntec. Analytical data packages were reviewed for completeness, field and laboratory QC sample results were evaluated, significant laboratory control problems were assessed, and data qualifiers were assigned. Stage 2A validation was performed on all analytical data generated for the IRM PDI to verify and validate the usability of those data. Verification and validation were based on completeness and compliance checks of sample receipt conditions and only sample-related quality control (QC) results. Data review forms are included in **Appendix H** and indicate the qualification of data based on sample-related QC results. In addition, Stage 2B validation was performed on all PCB analyses and qualifications are made based on evaluation of the instrument-related QC results. The report on the Stage 2B validation is included in **Appendix H**. All data were found to be usable.

6. RESULTS AND DISCUSSION

6.1 Evaluation of OS2 Connections

OS2 is a concrete rectangular structure measuring 16 feet wide and 42 feet long and aligned parallel to the Site Culvert (**Figure 2**). During the Phase I RI several connections were noted within OS2. Physical characteristics of the connections are described below, with approximate locations illustrated on **Figure 5**.

- A concrete-encased 18-in pipe traverses the Site Culvert and connects to OS2 in a manner that partially obstructs flow within the Site Culvert. The encased pipe is approximately 88 feet from the western end of the Site Culvert and is approximately three feet tall by three feet thick and was two-thirds (2/3) submerged in water inside the Site Culvert. The bottom of the Site Culvert dropped several feet to bypass beneath the concrete encased pipe;

- An approximate 5-ft box culvert enters OS2 at the eastern end;

- A 12-in high by 52-in wide rectangular opening is present on the north side of the Site Culvert approximately 57 feet from the western end. This opening connects directly to OS2. The rectangular opening was approximately two feet above the water line in the Site Culvert and OS2 during camera investigations during the Phase 1 RI;

- Below the rectangular opening at the water line in the Site Culvert were four (4) 12-inch diameter pipes that penetrate into OS2 and then turn downward below the water line inside the skimmer. No flow was observed coming out of these connections; and

- There are two (2) connections on the north side of OS2.

OS2 would have been utilized to separate oil from water, as was commonly conducted in industrial facilities for environmental reasons (e.g. discharging process wastewater to an open water channel) or for oil reclamation and reuse in the process. A cross-sectional representation of OS-2 is presented in **Figure 6**. The top of OS2 has been observed to be 12 to 36 inches below the ground surface. Two former inlet connections are located in the eastern portion of OS2; one inlet being an approximate 5-ft box culvert located in the eastern wall and one 18-in inlet (3x3 encased pipe that crosses the Site Culvert) located in the southeastern wall. These inlets would have historically carried wastewater to OS2 and discharged into a chamber prior to the inlet weir. After the inlet weir, two angled baffles are positioned within the center of OS2. Each baffle is positioned on opposite walls to provide residence time for process wastewater which would allow oils to rise to the water surface. At the western end of OS2, after the baffles, a concrete wall connects to a steel wall to create a final oil dam feature. Observations below the steel wall were not possible during either of the investigations due to access and confined space

constraints. It is likely, however, that the steel wall does not extend to the base of the structure, thereby creating a passage for clean water into a discharge chamber where the four 12-in steel pipes penetrate the shared OS2 and Site Culvert wall. Within the shared common wall is a 12-inch high by 52-inch wide rectangular opening. This opening may have been historically used to evaluate OS2 for maintenance. Below the rectangular opening at the water line are the four 12-inch steel pipes that penetrate into OS2 and then turn downward below the water line inside OS2. These 12-in pipes would have historically served as the discharge point for water exiting OS2 located within a chamber after an oil dam. Physical entrance into the OS2 is limited to two small man way openings on the top of the structure, one at the eastern end and one on the western end.

Those two former inlet connections to OS2 are of primary concern and were the focus of the OS2 evaluation. Determining the origination of these inlet features and their potential connections with the storm water management systems at both STCC and SHS properties will facilitate potential IRM design and planning. The 1958 NYSDOH Industrial Survey (**Appendix A**) depicts the eastern end 5-ft box culvert historically transporting wastewater from former OS1 to OS2. This connection was decommissioned by Remington Rand in 1966 and bypass lines were stated to be tied directly to OS2. It is anticipated but not confirmed that the 5-ft box culvert connection to OS2 is inactive with the exception of potential high volume flows that may overflow from the 36-in storm sewer line located along the eastern SHS property line.

The other 18-in inlet connection in the southeastern section of OS2 has been presumed to be connected to catch basin CB-10. The outlet pipe from the north side of catch basin CB-10 is similar in size and turns to run parallel with the Site Culvert on the southern side. No other pipe crosses or enters the Site Culvert and/or OS2 from the south, indicating that the exit pipe observed within catch basin CB-10 is likely to be the same pipe entering OS2. However, this has not been confirmed visually or through dye testing. Based on discussions with STCC personnel, underground utilities (e.g. natural gas lines) are located in this area (**Figure 5)**.

Additionally, there are two pipe penetrations with one located in the central section (between the baffles) and one located in the eastern section (just after the inlet weir) of OS2 along the northern wall. Both penetrations appear to have been installed after initial construction of OS2 based upon the concrete patch work surrounding those pipes. Test pitting at TP-12 located a three-in steel pipe penetration in the central section. The connection in the eastern section appears to be similar in size. Based on their sizes, these connections appear to be associated with historical Site operations and not stormwater infrastructure.

6.2 Evaluation of Site Culvert Connections

The Site Culvert is an 8 to 12-ft diameter, covered, concrete culvert which extends from a former holding pond (immediately to the east and adjacent of the Site) to a discharge point to the east northeast and off-Site (**Figure 2**). The culvert is approximately 275 feet long and extends beneath a railroad line owned by Norfolk Southern. The Site Culvert discharges into a 580-ft

long drainage swale, which subsequently drains into a 3.5 acre Wetlands Area and Coldbrook Creek at two outfall locations (the Off-Site area). The east end of the Site Culvert is pre-cast concrete, semi-circular in shape, 12 feet wide, with an approximately 5-feet high opening from the top of sediment to the ceiling centerline. The west end of the Site Culvert was identified to be cast-in-place concrete with its opening having a four-sided shape, including a soil bottom. Exterior test pitting along the southern side of the Site Culvert wall revealed brick construction with a thin set concrete coating. General dimensions of the Site Culvert west-end opening were identified as 8 feet wide and 5 feet 2 in high.

According to the Phase 1 Data report, the bottom of the eastern section of the Site Culvert may have a poured concrete bottom based on a relatively uniform depth to refusal. The sidewalls of the western section of the Site Culvert appeared to terminate between approximately 8 and 9 feet below the interior ceiling height. The depths of sediment and sampling augering varied significantly in the western section and no hard bottom was encountered. The southern exterior wall of the Site Culvert appeared to be in good condition with no major deteriorations observed.

Several hydraulic connections to OS2 and to the Site Culvert have been identified during camera investigations performed in July 2011 as part of the Phase1 RI and during the IRM PDI performed in July 2012. Physical characteristics of connections are described below, with approximate locations illustrated on **Figure 5**.

- A 5-ft ID RCP connects to the Site Culvert on the south side and is located approximately 10 feet from the western end of the Site Culvert. The Phase 1 Data Report states that highly turbid discharge was observed entering the Site Culvert from the 5-ft ID RCP while sand blasting was simultaneously observed being performed inside an adjacent facility to the south, in the same direction of the 5-ft ID RCP. That report also states that the turbid discharge ceased shortly after the sand blasting was completed. Additionally, the Phase 1 Data Report provides an observation of stormwater flow entering the Site Culvert from the 5-ft ID RCP, resulting in an approximate 3-ft deep scour hole in the soil floor of the Site Culvert. The 5-ft RCP has been confirmed as the main discharge point for storm water flow from the STCC property as well as storm water flow from South Main Street;

- A 3.5-ft ID RCP connects to the Site Culvert on the north side and approximately 25 feet from the western end of the Site Culvert. During the Phase 1 RI, an approximately 1.5-ft deep scour hole in the soil floor of the Site Culvert was observed as a result of stormwater flow from the 3.5-ft ID RCP to the Site Culvert. The connection from the 3.5-ft ID RCP to a manhole located approximately 170 feet north of the Site Culvert on the SHS property to the Site Culvert was confirmed during the IRM PDI. In addition, the connection of catch basin CB-3 to the 3.5-ft ID RCP was confirmed. SHS officials indicated that this line receives discharge water from the schools chiller system. The

maximum capacity of the chiller system is 720,000 gallons per day but normal usage is approximately 300,000 gallons/day, according to SHS officials;

- A 1.5-ft ID clay pipe connects to the Site Culvert on the north side and approximately 180 feet from the western end of the Site Culvert. The 1958 NYSDOH Industrial Survey map depicts this line as receiving storm water flow from catch basin CB-6; no flow was observed entering the Site Culvert from this line during the IRM PDI; and

- A pipe and catch basin structure noted by NYSDEC that runs parallel to the 5-ft RCP pipe. The parallel pipe was confirmed with connection to catch basin CB-11, an overflow to the 5-ft RCP pipe, and an 18-in outlet pipe that is presumed to connect with OS2.

6.3 Evaluation for the Presence of Other Potential Oil Skimmers

Two additional oil skimmers were identified in the 1958 Industrial Survey by the NYSDOH and are shown on **Figure 2**. OS1 was located north of the Site Culvert, in what is currently the SHS parking lot. OS3 was located to the west of Building #85. OS3 discharged into the 5-ft ID RCP that connects to the western end of the Site Culvert. On 15 August 1966, Remington Rand reported to the Chemung County Health Department that drainage to two obsolete oil skimmers (assumed to be OS1 and OS3) was diverted. A bypass was constructed across one of the obsolete oil skimmers, and the drain lines from this oil skimmer were eliminated to preclude the possibility of caked waste deposits entering into drainage lines. The main drainage line was diverted around the other obsolete oil skimmer and all lines to and from that oil skimmer were plugged off. A map of plant operations circa 1967 prepared by Lancy Laboratories (**Appendix A**) suggests that the first obsolete oil skimmer is OS1. Drain lines are shown in the approximate location of OS1. Based on the same map, the second obsolete oil skimmer appears to be OS3 because no drain lines are shown in its approximate location.

During a visit to the Site on 24 July 2012, NYSDEC officials reported that NYSDEC personnel had overseen the closure of OS3 and that fill had been placed inside the former structure. Test pitting at TP-9 during the IRM PDI identified a discharge pipe on northern wall of the former structure in the direction of the 5-ft RCP and/or the former holding pond. That connection did not appear to be active.

An anomaly was identified during the geophysical survey in the vicinity of former OS1. Four test pits (TP-5 through TP-8) were excavated in and around that structure (**Figure 4)**. Material within that structure was mainly fill with large cobbles and loose sand. Test pitting around that structure suggests that structure was the former OS1. No inlet/outlet connections were observed. Dye tracer testing of CB-6 was inconclusive. However, the lack of identified inlet or outlet connections suggests that there are no active connections between the former OS1 and OS2 or between former OS1 and the Site Culvert.

6.4 Soil and Sediment Characterization and Waste Profiling

6.4.1 Soil and Sediment Characterization

Subsurface soil sample results are summarized and presented in **Table 4A**. Soil sample locations are shown on **Figure 4**. Analytical results for soils collected from test pit TP-7 from inside of the former structure show the detection of PCBs, metals, SVOCs and pesticides. The total PCB concentration of 28 milligrams per kilogram (mg/kg) exceeds the NYSDEC Industrial Soil Cleanup Objectives (SCOs) for total PCBs (25 mg/kg). Other detections that exceed the Unrestricted Use SCOs include arsenic, copper, lead, mercury, nickel, zinc and various pesticides as shown in **Table 4A**.

Sediment sample results are summarized and presented in **Tables 4B** and **5**. Sediment sample locations are shown on **Figure 4**. Analytical results from sediment samples collected from the culvert during the Phase 1 RI indicate that total polycyclic aromatic hydrocarbons (PAHs) concentrations exceed applicable screening levels. CB-1 sediment sample results are summarized and presented in **Table 4A**. This sample was collected to determine if potential additional COC sources may be impacting the Site Culvert and/or OS2. PCB analyses during the Phase 1 RI detected Aroclor-1248 in sediments collected from the Site Culvert and OS-2 while the PCB analysis of sediment collected from CB-1 detected Aroclor-1254. The CB-1 sediment results indicate that sediment within the "older" storm water infrastructure may be acting as a continuing source of COCs with primary concern placed on the reported PCB concentration of 0.65 mg/kg. Other detections that exceed sediment screening criteria include metals and PAHs.

OS2 contained both water and sediments during inspection in August 2011 and July 2012. Sediments appear to be four to six feet thick inside the skimmer and were observed to have a petroleum and PAH odor. Analytical data have indicated that total PCB concentrations in soil and sediment samples collected in those areas within and immediately surrounding OS2 (see **Figure 4)** exceed applicable screening levels (**Tables 4A, 4B** and **5**). Other detections that exceed sediment screening criteria include metals, PAHs, pesticides and VOCs.

6.4.2 Waste Profiling

Waste profiling results from samples collected from OS2 and the Site Culvert are summarized in **Table 5**. These waste profiling results indicate that sediment within, and the subsurface soil located in, the areas immediately surrounding OS2 (TP-12 & TP-13) were characteristically non-hazardous. Total estimated PCB concentrations in the composite sediment samples OS2-3 and OS2-4 of 59 and 234 mg/kg, respectively are above the federal Toxic Substances Control Act (TSCA) disposal criterion of 50 mg/kg, but the estimated PCB concentrations in soils surrounding OS2 are below this criterion. Sediments from within OS2 contained primarily Aroclor-1242 and Aroclor-1254 while the surroundings soils contained Aroclor-1248 and Aroclor-1254.

Site Culvert sediment sample results are summarized and presented in **Table 5**. Sediment TCLP results indicate that sediment within the Site Culvert does not exhibit hazardous toxicity characteristics. Additionally, total estimated PCB concentrations ranged from 0.2 mg/kg to 11 mg/kg, well below the federal TSCA disposal criterion of 50 mg/kg. PCB analyses of sediment collected from within the Site Culvert during the IRM PDI detected Aroclor-1242 and Aroclor-1254.

These results will be used during the IRM evaluation process for disposal costing and determination of an appropriate off-site treatment storage and/or disposal facility (TSDF).

7. CONCLUSIONS

The IRM PDI evaluated potential hydraulic connections to OS2 and the Site Culvert, as well as connections between the two structures. The Site Culvert remains an active part of the Site storm water sewer system receiving flows from both the STCC and SHS properties. OS2 connects to the Site Culvert through four 12-in discharge pipes at the western end of OS2. Data and observations during this phase of work indicate that the inlet connections to OS2 appear to be inactive, however the destination of discharges from CB-6 and CB-10 were not determined completely.

Based on historical data, the 5-ft box culvert may be connected to the 36-in RCP exiting CB-6. While this connection was observed to be dry during the IRM PDI, flow may occur during high stormwater flow events with potential discharge to OS2 and subsequent discharge to the Site Culvert. Neither active nor historic connections between CB-6 and the Site Culvert or OS2 were confirmed. Further inspection and evaluation of these connections will be conducted as part of a potential IRM.

CB-10 receives flow from CB-11 via a 36-in clay pipe. An overflow discharge (24-in pipe) to the Site Culvert was identified. The primary outlet is a 18-in steel pipe that runs parallel to the 5-ft RCP then turns to run parallel with the Site Culvert. It is assumed but not confirmed that the 18-in steel pipe is connected to the 18-in concrete-encased inlet to OS2. Neither active nor historic connections between CB-10 and OS2 were confirmed. Further inspection and evaluation of potential connections between CB-10 and OS2 will be conducted as part of a potential IRM with consideration of existing underground utilities.

Sediments collected from OS2, the Site Culvert and CB-1 contained PCBs above the applicable screening criteria. This suggests that OS2 is a potential active source for COCs. Evaluation of the connections to OS2 suggests that OS2 can be taken out of service through closure or removal while maintaining the functionality of the Site storm water sewer system. The Site Culvert as currently configured may have served as a conduit to the Wetlands from documented historical surface spill events, such as the reported Westinghouse transformer spill in 1975.

Evaluations of other potential sources identified former oil skimmers OS1 and OS3. Both oil skimmers appear to have been taken out of service and no longer have active connections to the Site storm water sewer system. OS3 was closed during historical remedial activities at the Site in 2000 (URS, 2000). The location of OS3 was confirmed by test pitting. OS3 has been determined not to be a potential active source of COCs.

Test pitting in the vicinity of the presumed location of OS1 identified the location of the former OS1. Soils collected from TP-7 within the former structure exceeded Unrestricted SCOs. Test pitting along the exterior of that structure did not identify outlet pipes or demonstrate characteristics of grossly contaminated material and were therefore not sampled. No active

connections from former OS1 to OS2 or the Site Culvert were identified. Former OS1 has been determined not be a potential active source of COCs to OS2 or the Site Culvert.

Potential IRMs for OS2, the Site Culvert and associated connections will be evaluated in the IRM Evaluation Report to be submitted in 30 days of approval of this IRM PDI Data Report.

TABLES

TABLE 1
HISTORICAL DOCUMENTS REVIEWED

Former Sperry Remington Site
Elmira, New York

Documents Received from STCC		
Date	**Author**	**Title**
15 October 1958	New York State Department of Health, Water Pollution Control Section	Industrial Survey
15 August 1966	George E. Morgenroth, Plant Manager, Remington Office Machines	Letter to James E. Barr, Director Environmental Health Services, Chemung County Health Department Re: Alleged Violations of Public Health Law – Elmira Plant
27 September 1991	Versar, Inc.	Phase I Environmental Audit, American LaFrance, 1051 South Main Street, Southport, New York
25 February 1992	Versar, Inc.	Phase II – Intrusive Investigation, American LaFrance, 1051 South Main Street, Southport, New York
3 June 1993	Versar, Inc.	Underground Storage Tank Closure Report and Limited Remedial Investigation Report, Figgie Properties Facility, 1051 South Main Street, Southport, New York
25 May 1995	Theodore Hadzi-Antich,	Letter to Michael D. Zagata, Commissioner, NYSDEC Re: Voluntary Remediation Agreement
23 August 1995	Unknown	Report of Conference Call Meeting on Elmira, NY – 8/23/95
6 December 1995	M.D. Mehta, P.E., Environmental Engineer, NYSDEC	Letter to Mr. Richard P. Kiefer, Director of Development, Figgie Properties, Inc. Re: American LaFrance Voluntary Agreement Work Plan, Town of Southport, Chemung, County, New York
January 1996	URS Consultants	American LaFrance Ecological Assessment
17 July 1996	Robert R. Henshel, P.G., Project Manager	Letter to Mr. Richard P. Kiefer, Director of Development, Figgie Properties, Inc. Re: American LaFrance Voluntary Remediation Project, Supplemental Response to NYSDEC Comments
16 September 1996	URS Consultants, Inc.	Letter to Theodore Hadzi-Antich ReL American LaFrance Voluntary Remediation Project, Supplemental Data Submittal to NYSDEC
June 1997	URS Greiner, Inc.	Groundwater Monitoring Well Installation and Supplemental Sampling, American LaFrance Facility, Town of Southport, Chemung, County, New York
29 March 2001	M.D. Mehta, P.E., Project Manager, NYSDEC	Letter to Kevin D. Margolis, Esq., Benesch, Friedlander, Coplan & Aronoff LLP Re: Scott Technologies, Inc. Voluntary Cleanup Site, Town of Southport, Chemung County
14 January 2002	M.D. Mehta, P.E., Project Manager, NYSDEC	Letter to Kevin D. Margolis, Esq., Benesch, Friedlander, Coplan & Aronoff LLP Re: Scott Technologies, Inc. Voluntary Cleanup Site, Town of Southport, Chemung County
December 2002	URS Corporation, Inc.	Supplemental Investigation of the Holding Pond at the American LaFrance Site, Elmira, New York
June 2004	NYSDEC	Fact Sheet: Comments Sought for Environmental Cleanup Proposed for the Former Recreation Area (FRA) at the Scott Technologies, Inc. Site in Southport, Chemung County
11 October 2006	NYSDEC	Letter to Randy Joseph, Esq., Scott Technologies, Inc. (Completion of Voluntary Remediation Agreement)

Aerial Photographs Received from EDR		
Year	Scale	Details
1939	1"=500'	Panel #: 42076-A7, Elmira, NY;/Flight Date: May 10, 1939
1944	1"=500'	Panel #: 42076-A7, Elmira, NY;/Flight Date: May 18, 1944
1948	1"=500'	Panel #: 42076-A7, Elmira, NY;/Flight Date: April 10, 1948
1960	1"=1000'	Panel #: 42076-A7, Elmira, NY;/Flight Date: May 04, 1960
1968	1"=500'	Panel #: 42076-A7, Elmira, NY;/Flight Date: March 30, 1968
1979	1"=1000'	Panel #: 42076-A7, Elmira, NY;/Flight Date: May 21, 1979
1985	1"=1000'	Panel #: 42076-A7, Elmira, NY;/Flight Date: April 29, 1985
1988	1"=750'	Panel #: 42076-A7, Elmira, NY;/Flight Date: June 11, 1988
1994	1"=500'	Panel #: 42076-A7, Elmira, NY;/Composite DOQQ - acquisition dates: April 22, 1994
1999	1"=750'	Panel #: 42076-A7, Elmira, NY;/Flight Date: April 13, 1999
2006	1"=500'	Panel #: 42076-A7, Elmira, NY;/Flight Year: 2006
2008	1"=500'	Panel #: 42076-A7, Elmira, NY;/Flight Year: 2008

Sanborn Maps Received from EDR	
Year	Source Sheets
1999	Volume 2, Sheet 222 Volume 2, Sheet 231
1995	Volume 2, Sheet 222 Volume 2, Sheet 231
1994	Volume 2, Sheet 222 Volume 2, Sheet 231
1993	Volume 2, Sheet 222 Volume 2, Sheet 231
1992	Volume 2, Sheet 222 Volume 2, Sheet 231
1990	Volume 2, Sheet 222 Volume 2, Sheet 231
1988	Volume 2, Sheet 222 Volume 2, Sheet 231
1950	Volume 1, Sheet 222 Volume 1, Sheet 231

Aerial Photographs Received from Southport Historical Society		
Year	Scale	Details
1940	unknown	Fairchild Aerial Surveys, Inc., NYC

TABLE 2
FINDINGS OF HISTORICAL DOCUMENTS REVIEW

Former Sperry Remington Site
Elmira, New York

IRM PDI Task	STCC/Unisys/EDR File Material Reviewed	Notes	Action Warranted (Yes/No)
Evaluation of OS2 and Culvert Connections and Piping			
Dye Tracer Testing	• Roof and Site Storm Drain Plans, Remington Rand. DPC Engineering, P.C. 10 May 2006.	• Plans shows location of roof drains, catch basins and stormwater piping that discharge to the site culvert.	• Yes, Dye Tracer Testing is still necessary to confirm the operation of existing connections and potential loading of the site culvert
In-line Camera Inspections	• Roof and Site Storm Drain Plans, Remington Rand. DPC Engineering, P.C. 10 May 2006.	• Plans shows location of roof drains, catch basins and stormwater piping that discharge to the site culvert. No cross sections of piping were provided. Pipe sizes are incomplete.	• Yes, camera inspections will supplement dye tracer testing. Real-time inspections will provide supplemental data with respect to pipe dimensions and integrity necessary to assess culvert flow.
Culvert Flow Assessment	• Roof and Site Storm Drain Plans, Remington Rand. DPC Engineering, P.C. 10 May 2006.	• Plans shows location of roof drains, catch basins and stormwater piping that discharge to the site culvert.	• Yes, knowledge of storm drain connections and culvert dimensions will be utilized to determine the flow capacity of the culvert.
	• Supplemental Investigation of the Holding Pond, American LaFrance Voluntary Cleanup. URS Corporation. December 2002	• Plan shows 12' Concrete Covered Culvert to Creek (outside dimension). Inside dimension noted as 7' to 8' 10".	
Evaluation of Structural Integrity of Culvert	• Roof and Site Storm Drain Plans, Remington Rand. DPC Engineering, P.C. 10 May 2006.	• No cross sections of culvert were included.	• Yes, evaluation of the structural integrity of the Site culvert is necessary to determine culvert dimensions and connections.
Evaluation for the Presence of Other Potential Oil Skimmers	• 1958 Industrial Survey	• Figures and plans show potential locations of OS1, OS3 and connecting piping. • OS1 normally discharged to OS2 with overflow discharging to the culvert. A 36" pipe from Building 49 Plating and Storage Rooms also discharged to the culvert.	• Yes, the 1966 letter to the Chemung County Health Department indicates that the former oil skimmers were bypassed and plugged but the locations of the oil skimmers were not identified. Historical plans show that OS1 discharged to OS2 and that OS3 discharged to the Site culvert and perhaps OS2. Aerial photographs suggest possible locations of the former oil skimmers. • The planned evaluation of the other potential oil skimmers should be expanded to include the evaluation of possible connections between those oil skimmers and OS2 and the Site culvert.
	• Letter from Mr. George E. Morgenroth, Plant Manager to Mr. James E. Barr, Director Environmental Health Services, Chemung County Health Department re: Alleged Violations of Public Health Law- Elmira Plant. 15 August 1966.	• Discharges from obsolete skimmers were bypassed in 1966 and the drain lines were eliminated or plugged. There were no references to location or identification of obsolete skimmers.	
	• Phase II – Intrusive Investigation, American LaFrance, 1051 South Main Street, Southport, Chemung County, New York. Versar Inc. 25 February 1992.	• Three Clarification Chambers were identified. CC#1 and CC#2 were located between former building #85 and #87. CC#3 was located between former building #85 and the boiler room.	
	• Supplemental Investigation of the Holding Pond, American LaFrance Voluntary Cleanup. URS Corporation. December 2002	• OS3 was possibly identified as Clarification Chamber #3.	
	• 1939 Aerial Photo	• 1939 Aerial Photograph indicates structure to the east of the reservoir which could be OS1.	
	• 1940 Aerial Photo – Southport Historical Society	• 1940 Aerial Photograph indicates structure to the east of the reservoir which could be OS1. This photograph also shows that the structure is higher in elevation grade than the exterior wall of the reservoir.	
	• 1948 Aerial Photo	• 1948 Aerial Photograph indicates structure to the north of Building #88 and to the east of boiler room that could be OS3.	
Soil Sampling Activities	See Evaluation of Structural Integrity of Culvert and Evaluation for the Presence of Other Potential Oil Skimmers		• Yes, soil samples will be collected as part of test pitting activities.
Sediment Sampling Activities	• Roof and Site Storm Drain Plans, Remington Rand. DPC Engineering, P.C. 10 May 2006.	• Plans show locations of catch basins.	• Yes, sediment samples will be collected from existing catch basins in order to evaluate them as potential sources.

TABLE 3
IRM PDI SAMPLE LOCATION RATIONALE

Former Sperry Remington Site
Elmira, New York

Area	Location	SAMPLE TYPE	DETAILS	DEPTH (feet)	COC CHARACTERIZATION					WASTE CHARACTERIZATION				RATIONALE
					VOCs	SVOCs	Pest	Metals	PCB	TCLP	CN/S	pH	FP	
OS2	OS-SB-01	Composite Soil	Composite samples on two sides of OS2 for waste characterization	0-11.5'	---	---	---	---	X	X	X	X	X	Waste characterization for disposal
	OS-SB-02	Composite Soil		0-9.5'	---	---	---	---	X	X	X	X	X	Waste characterization for disposal
	OS2-3	Composite Sediment	Composite samples for waste characterization	Multiple	---	---	---	---	X	X	X	X	X	Waste characterization for disposal
	OS2-4	Composite Sediment		Multiple	---	---	---	---	X	X	X	X	X	Waste characterization for disposal
OS1	TP-7	Composite Soil	Soil from within former OS1 structure based on visual, olafactory, and/or PID evidence	Multiple	X	X	X	X	X	---	---	---	---	Investigation for COCs
OS3	OS3-SB-DIS	Composite Soil	Composite soil from test pit spoils stockpile	Multiple	---	---	---	---	X	X	X	---	---	Waste characterization for disposal
Culvert	C-8	Composite Sediment	Composite samples for waste characterization	Multiple	---	---	---	---	X	X	X	X	X	Waste characterization for disposal
	C-9	Composite Sediment		Multiple	---	---	---	---	X	X	X	X	X	Waste characterization for disposal
	C-10	Composite Sediment		Multiple	---	---	---	---	X	X	X	X	X	Waste characterization for disposal
	C-11	Composite Sediment		Multiple	---	---	---	---	X	X	X	X	X	Waste characterization for disposal
Catch Basin	CB-1	Composite Sediment	Sediment/sludge from within catch basins potentially in communication with OS2 and culvert	0-12"	---	X	---	X	X	---	---	---	---	Identification of potential additional COC source

Notes:

C - Culvert
CB - Catch Basin
OS - Oil Water Skimmer
TP - Test Pit
SB - Soil Boring

COC - Constituent of Concern
VOC - Volatile organic compound
SVOC - Semivolatile organic compound
Pest - Pesticide
PCB - Polychlorinated biphenyl

TCLP - Toxicity Characteristics Leaching Procedure
CN - Total Cyanide
S - Total Sulfides
FP - Flash Point

X - Sample collected for analysis
--- - No sample planned

PCB analysis is included for both COC characterizaiton and waste characterization because the Site was known to use PCBs.

TABLE 4A
SOIL COC CHARACTERIZATION ANALYTICAL DATA SUMMARY

Former Sperry Remington Site
Elmira, New York

Group	Analyte	Units	Unrestricted Use Soil Cleanup Objectives[1]	RI Phase 1				IRM PDI
				TP-1	TP-2	TP-3	TP-4	TP-7
				3.5'-4'	12'-12.5'	9'-9.5'	6.5'-7'	Multiple
				8/24/2011	8/24/2011	8/24/2011	8/24/2011	7/27/2012
Metals	Aluminum	mg/Kg	--	**2900 J**	**4500 J**	**3600 J**	**3200 J**	**8,400**
	Antimony		--	**0.51 J**	**0.45 J**	**1.6**	5.7 U	**1.2**
	Arsenic		13	**27**	**140**	**330 J**	**11**	**19**
	Barium		350	**130 J**	**250 J**	**240 J**	**77.0 J**	**130**
	Beryllium		7.2	**0.47**	**0.52**	**0.92**	0.46 U	**0.49**
	Cadmium		2.5	**0.91 J**	**1.0 J**	**0.55 J**	**0.18 J**	2.5 U
	Calcium		--	**1,400**	**530 J**	**2,600**	**620**	**12,000**
	Chromium		--	**11**	**16**	**26.0 J**	**7.5**	**59**
	Cobalt		--	**8.7**	**5.9 J**	**5.6 J**	**2.7 J**	**6.4**
	Copper		50	**51.0 J**	**81.0 J**	**68.0 J**	**20.0 J**	**260**
	Iron		--	**76000 J**	**85000 J**	**44000 J**	**36000 J**	**35,000**
	Lead		63	**65**	**41**	**110 J**	**8.1**	**300**
	Magnesium		--	**380 J**	**220 J**	**290 J**	**920**	**2,700**
	Manganese		1,600	**100 J**	**79.0 J**	**34.0 J**	**130 J**	**420**
	Mercury		0.18	**0.70 J**	**0.047 J**	**1.7 J**	**0.16 J**	**0.34**
	Nickel		30	**33**	**20**	**31.0 J**	**8.1**	**82**
	Potassium		--	**590 J**	**590 J**	**550 J**	**580 J**	**1,500**
	Selenium		3.9	**2.7**	**5.6**	**4.3 J**	**1.2 J**	**0.52**
	Silver		2	0.55 U	0.62 U	**0.48 J**	0.57 U	0.51 U
	Sodium		--	**430 J**	**190 J**	**200 J**	2900 U	**1,200**
	Thallium		--	2.2 U	2.5 U	**0.53 J**	5.7 U	5.1 U
	Vanadium		--	**17.0 J**	**22.0 J**	**45.0 J**	**8.5 J**	**16**
	Zinc		109	**61.0 J**	**40.0 J**	**36.0 J**	**27.0 J**	**130**
PCBs	Aroclor-1248	µg/Kg	--	**7,700**	**960**	**58**	**150**	380 U
	Aroclor-1254		--	190 U	24.0 U	23.0 U	**150**	**28,000**
	Total PCBs		100	**7,700**	**960**	**58**	**300**	**28,000**
Pesticides	4,4'-DDD	µg/Kg	3.3	**12.0 J**	**2.2 J**	**0.46 J**	**0.84 J**	**2.9 J**
	4,4'-DDE		3.3	**61.0 J**	**7.4 J**	**1.1 J**	**2.7**	**240 J**
	4,4'-DDT		3.3	1.9 U	2.4 U	2.4 U	2.1 U	**52.0 J**
	alpha-BHC		20	**1.8 J**	2.4 U	2.4 U	2.1 U	9.4 U
	alpha-Chlordane		94	**3.2 J**	2.4 U	2.4 U	2.1 U	**19.0 J**
	beta-BHC		36	**2.3 J**	2.4 U	2.4 U	2.1 U	**29.0 J**
	Chlordane		--	19.0 U	24.0 U	24.0 U	**13.0 J**	94.0 U
	Dieldrin		5	**14.0 J**	**0.97 J**	2.4 U	**1.1 J**	**13.0 J**
	Endosulfan I		2,400	**12**	**1.6 J**	2.4 U	2.1 U	**57**
	Endosulfan II		2,400	**9.4 J**	2.4 U	**0.81 J**	**2.2 J**	**11.0 J**
	Endosulfan sulfate		2,400	**16.0 J**	**0.87 J**	2.4 U	**1.4 J**	**26.0 J**
	Endrin		14	**99.0 J**	**7.3 J**	**1.5 J**	**4.4**	**170 J**
	Endrin aldehyde		--	**12**	**0.84 J**	**0.84 J**	2.1 U	**9.5 J**
	Endrin ketone		--	**16.0 J**	**0.83 J**	**0.96 J**	**1.5 J**	**110**
	gamma-BHC (Lindane)		100	**1.4 J**	2.4 U	2.4 U	2.1 U	9.4 U
	gamma-Chlordane		--	**120 J**	2.4 U	**1.1 J**	**3.3 J**	**280 J**
	Heptachlor		42	**13.0 J**	**1.5 J**	2.4 U	**0.57 J**	**53.0 J**
	Heptachlor epoxide		--	**7.4 J**	**26**	**0.86 J**	**2.1 J**	**510 J**
	Methoxychlor		--	**50.0 J**	**4.8**	**2.3 J**	**2.5 J**	**130 J**

TABLE 4A
SOIL COC CHARACTERIZATION ANALYTICAL DATA SUMMARY

Former Sperry Remington Site
Elmira, New York

Group	Analyte	Units	Unrestricted Use Soil Cleanup Objectives[1]	RI Phase 1				IRM PDI
				TP-1	TP-2	TP-3	TP-4	TP-7
				3.5'-4'	12'-12.5'	9'-9.5'	6.5'-7'	Multiple
				8/24/2011	8/24/2011	8/24/2011	8/24/2011	7/27/2012
SVOCs	2-Methylnaphthalene	µg/Kg	--	**510**	**74.0 J**	**19.0 J**	**61.0 J**	**99**
	Anthracene		100,000	76.0 U	94.0 U	92.0 U	81.0 U	**8.5 J**
	Benzaldehyde		--	370 UJ	470 UJ	450 UJ	400 UJ	**210 J**
	Benzo(a)anthracene		1,000	**180**	94.0 U	92.0 U	81.0 U	**64.0 J**
	Benzo(a)pyrene		1,000	**110**	94.0 U	92.0 U	81.0 U	**57.0 J**
	Benzo(b)fluoranthene		1,000	**150**	94.0 U	92.0 U	81.0 U	**94**
	Benzo(g,h,i)perylene		100,000	**100**	94.0 U	92.0 U	81.0 U	**39.0 J**
	Biphenyl		--	**100 J**	470 UJ	450 UJ	**49.0 J**	370 U
	Chrysene		1,000	**340**	94.0 U	92.0 U	81.0 U	**90**
	Dibenzofuran		7,000	**160 J**	470 U	450 U	400 U	370 U
	Fluoranthene		100,000	**280**	**21.0 J**	**56.0 J**	81.0 U	**85**
	Indeno(1,2,3-cd)pyrene		500	**60.0 J**	94.0 U	92.0 U	81.0 U	**28.0 J**
	Naphthalene		12,000	**300**	**34.0 J**	**27.0 J**	**49.0 J**	**65.0 J**
	Phenanthrene		100,000	**700**	**100**	**85.0 J**	81.0 U	**110**
	Pyrene		100,000	**180**	**23.0 J**	**39.0 J**	81.0 U	**89**
VOCs	Acetone	µg/Kg	50	1700 U	**13.0 J**	3000 U	1400 U	9.2 U
	Benzene		60	**440**	7.1 U	740 U	340 U	2.3 U
	Cyclohexane		--	**2,200**	7.1 U	1500 U	690 U	2.3 U
	Methylene chloride		50	410 U	**3.1 J**	740 U	340 U	2.3 U
	Ethyl benzene		1000	**240 J**	7.1 U	740 U	**7.8 J**	2.3 U
	Isopropylbenzene		--	**100 J**	7.1 U	740 U	340 U	2.3 U
	Methyl Acetate		--	**470 J**	7.1 UJ	**100 J**	**93.0 J**	2.3 U
	Methylcyclohexane		--	**7,500**	7.1 U	1500 U	**69.0 J**	2.3 U
	Toluene		700	**2,400**	7.1 U	740 U	**93.0 J**	2.3 U
	Trichloroethene		470	**49.0 J**	7.1 U	**1,500**	**550**	**0.43 J**
	Total Xylenes		260	**5,200**	21.0 U	1500 U	**160 J**	6.9 U

Notes:

1 Soil screening criteria are the Unrestricted Use Soil Cleanup Objectives presented in NYCRR Subpart 375-6.8a.

Compounds over screening levels are highlighted in light grey. Detected values are in **bold**.

C - Culvert
CB - Catch Basin
OS - Oil Water Skimmer
VOC - Volatile organic compound
SVOC - Semivolatile organic compound
PCB - Polychlorinated biphenyl

U - Not detected above the reporting limit
J - Estimated
-- - Not Analyzed
mg/Kg - milligrams per kilogram
µg/Kg - micrograms per kilogram

TABLE 4B
SEDIMENT COC CHARACTERIZATION
ANALYTICAL DATA SUMMARY

Former Sperry Remington Site
Elmira, New York

Group	Analyte	Units	Benthic Aquatic Life Acute Toxicity[1]	Benthic Aquatic Life Chronic Toxicity[1]	Wildlife[1]	Human Health[1]	Severe Effect Level[2]	Lowest Effect Level[2]	RI Phase 1									IRM PDI
									C-1	C-2	C-3	C-4	C-5	C-6	C-7	OS-1	OS-2	CB-1
									5'-5.5'	7.5'-8'	6.67'-7.7'	7.5'-8'	6'-6.5'	10'-10.5'	5.17'-5.67'	11.5'-12'	11.5'-12'	0-12"
									8/24/2011	8/24/2011	8/25/2011	8/25/2011	8/25/2011	8/25/2011	8/25/2011	8/24/2011	8/24/2011	7/24/2012
Metals	Aluminum	mg/Kg	NA	NA	NA	NA	NA	NA	**2800 J**	**6400 J**	**5,700**	**7,800**	**5,600**	**4,000**	**5,100**	**6600 J**	**27000 J**	**8,100**
	Antimony		NA	NA	NA	NA	25.00	2.00	0.58 U	**0.15 J**	**0.56 J**	**1.4 J**	**1.5**	**0.47 J**	**0.43 J**	**1.8 J**	**1.1 J**	**2**
	Arsenic		NA	NA	NA	NA	33.00	6.00	**4.5**	**10**	**7.9**	**12**	**7.2**	**5.6**	**5.3**	**40**	**33**	**24**
	Barium		NA	NA	NA	NA	NA	NA	**29.0 J**	**51.0 J**	**74**	**79**	**77**	**36**	**64**	**540 J**	**310 J**	**130**
	Beryllium		NA	NA	NA	NA	NA	NA	**0.18 J**	**0.34**	**0.53**	**0.49**	**0.36 J**	**0.41**	**0.34**	**2.2**	**2.9**	**0.55**
	Cadmium		NA	NA	NA	NA	9.00	0.60	**0.37**	**0.69**	**2**	**1.5**	**2.2**	**0.69**	**0.88**	**1.7**	**2.3**	**2.2**
	Calcium		NA	NA	NA	NA	NA	NA	**1800 J**	**2000 J**	**6,300**	**12,000**	**22,000**	**2,500**	**4,800**	**2000 J**	**2800 J**	**46,000**
	Chromium		NA	NA	NA	NA	110.00	26.00	**16.0 J**	**39.0 J**	**140**	**110**	**72**	**42**	**69**	**400 J**	**400 J**	**66**
	Chromium, hexavalent		NA	NA	NA	NA	NA	NA	**1.2 J**	**0.65 J**	**1.2 J**	**0.55 J**	**1.1 J**	**0.59 J**	**0.71 J**	0.78 UJ	0.71 UJ	--
	Cobalt		NA	NA	NA	NA	NA	NA	**2.5 J**	**5.7**	**5.7**	**8.2**	**7.4**	**6.4**	**4.8**	**26**	**47**	**14**
	Copper		NA	NA	NA	NA	110.00	16.00	**32.0 J**	**61.0 J**	**190**	**150**	**80**	**97**	**65**	**630 J**	**620 J**	**240**
	Iron		NA	NA	NA	NA	40,000	20,000	**15,000**	**28,000**	**28,000**	**52,000**	**20,000**	**13,000**	**15,000**	**69,000**	**110,000**	**30,000**
	Lead		NA	NA	NA	NA	110.00	31.00	**30.0 J**	**55.0 J**	**99**	**110**	**200**	**130**	**84**	**430 J**	**430 J**	**140**
	Magnesium		NA	NA	NA	NA	NA	NA	**1400 J**	**2000 J**	**3,000**	**4,900**	**6,600**	**1,500**	**3,100**	**550 J**	**770 J**	**17,000**
	Manganese		NA	NA	NA	NA	1,100	460.00	**69.0 J**	**190 J**	**210**	**260**	**190**	**73**	**93**	**330 J**	**490 J**	**420**
	Mercury		NA	NA	NA	NA	1.30	0.15	**0.089 J**	**0.096 J**	**0.3**	**0.17**	**0.34**	**0.15**	**0.46**	**1.0 J**	**3.6 J**	**0.057**
	Nickel		NA	NA	NA	NA	50.00	16.00	**27.0 J**	**100 J**	**160**	**91**	**45**	**72**	**59**	**1000 J**	**1200 J**	**43**
	Potassium		NA	NA	NA	NA	NA	NA	**210 J**	**300 J**	**380 J**	**460**	**550**	**270 J**	**450**	**240 J**	**500**	**780**
	Selenium		NA	NA	NA	NA	NA	NA	**0.16 J**	**0.59**	**0.4**	0.82 U	**1.1**	**1.1**	**0.7**	**4.7**	**1.9**	**0.95**
	Silver		NA	NA	NA	NA	2.20	1.00	0.29 U	0.33 U	**0.063 J**	0.41 U	0.54 U	**0.039 J**	**0.20 J**	**2.2**	**1.4**	0.62 U
	Sodium		NA	NA	NA	NA	NA	NA	290 U	**120 J**	**83.0 J**	820 U	**130 J**	330 U	**110 J**	980 U	**140 J**	**23.0 J**
	Vanadium		NA	NA	NA	NA	NA	NA	**6.7**	**11**	**13**	**20**	**19**	**9.8**	**13**	**10**	**15**	**24**
	Zinc		NA	NA	NA	NA	270.00	120.00	**81.0 J**	**170 J**	**300**	**390**	**310**	**140**	**200**	**590 J**	**970 J**	**1,100**
PCBs	Aroclor-1242	µg/Kg	NA	NA	NA	NA	NA	NA	48.0 U	55.0 U	66.0 U	70.0 U	90.0 U	56.0 U	67.0 U	81.0 U	73.0 U	22.0 U
	Aroclor-1248		NA	NA	NA	NA	NA	NA	**82**	**160**	**220**	**310**	**400**	**760**	**2,900**	**22,000**	**16,000**	22.0 U
	Aroclor-1254		NA	NA	NA	NA	NA	NA	48.0 U	55.0 U	66.0 U	70.0 U	90.0 U	56.0 U	67.0 U	81.0 U	73.0 U	**650**
	Total PCBs		157,420	1,102	78.71	0.05	NA	NA	**82**	**160**	**220**	**310**	**400**	**760**	**2,900**	**22,000**	**16,000**	**650**
Pesticides	4,4'-DDT	µg/Kg	62,722	57.02	57.02	0.57	NA	NA	**57**	**21.0 J**	**34**	**22.0 J**	**24.0 J**	28.0 U	34.0 U	**99.0 J**	**200 J**	--
	Aldrin		NA	NA	43.91	5.70	NA	NA	24.0 U	27.0 U	33.0 U	35.0 U	45.0 U	28.0 U	**34.0 J**	**170 J**	**130 J**	--
	delta-BHC		719.55	3.60	82.75	3.24	NA	NA	24.0 U	27.0 U	33.0 U	35.0 U	**11.0 J**	**6.2 J**	**19.0 J**	**180 J**	**150 J**	--
	Endosulfan I		44.51	1.82	NA	NA	NA	NA	**5.9 J**	**5.8 J**	**16.0 J**	**17.0 J**	**84.0 J**	**19.0 J**	34.0 U	**25.0 J**	**17.0 J**	--
	Endrin		NA	228.08	43.13	45.40	NA	NA	24.0 U	27.0 U	33.0 U	35.0 U	45.0 U	**12.0 J**	**18.0 J**	**110 J**	**61.0 J**	--
	Endrin aldehyde		NA	NA	NA	NA	NA	NA	24.0 U	27.0 U	33.0 U	35.0 U	45.0 U	28.0 U	34.0 U	**14.0 J**	**13.0 J**	--
	Endrin ketone		NA	NA	NA	NA	NA	NA	24.0 U	27.0 U	33.0 U	35.0 U	45.0 U	28.0 U	34.0 U	**52**	37.0 U	--
	gamma-BHC (Lindane)		719.55	3.60	82.75	3.24	NA	NA	24.0 U	27.0 U	33.0 U	35.0 U	45.0 U	28.0 U	**8.6 J**	41.0 U	37.0 U	--
	gamma-Chlordane		NA	NA	NA	NA	NA	NA	24.0 U	27.0 U	33.0 U	35.0 U	**11.0 J**	28.0 U	**25.0 J**	**110 J**	**80.0 J**	--
	Heptachlor epoxide		744.79	5.44	1.43	0.04	NA	NA	24.0 U	**8.2 J**	**11.0 J**	**15.0 J**	**12.0 J**	**17.0 J**	**39.0 J**	**420**	**300 J**	--
	Methoxychlor		NA	34.13	NA	NA	NA	NA	48.0 UJ	55.0 UJ	65.0 U	69.0 U	90.0 U	56.0 U	67.0 U	**51.0 J**	**32.0 J**	--
SVOCs	2,4-Dimethylphenol	µg/Kg	NA	NA	NA	NA	NA	NA	**420 J**	2200 U	2600 U	2700 U	28000 U	2200 U	2600 U	9600 U	8600 U	11000 U
	2-Methylnaphthalene		17,349	1,941	NA	NA	NA	NA	**2,000**	**170 J**	**180 J**	**110 J**	**540 J**	**170 J**	530 U	**650 J**	**1600 J**	2200 U
	2-Methylphenol		NA	NA	NA	NA	NA	NA	**510 J**	2200 U	2600 U	2700 U	28000 U	2200 U	2600 U	9600 U	8600 U	11000 U
	3/4-Methylphenol		NA	NA	NA	NA	NA	NA	**2,300**	2200 U	2600 U	2700 U	28000 U	2200 U	2600 U	9600 U	8600 U	--
	Acenaphthene		NA	7,983	NA	NA	NA	NA	**5,400**	**220 J**	**530**	**240 J**	**2300 J**	**970**	**120 J**	2000 U	**3,900**	2200 U
	Acenaphthylene		NA	NA	NA	NA	NA	NA	**3,300**	**610**	**450 J**	**230 J**	**1300 J**	**220 J**	**160 J**	**630 J**	**510 J**	**410 J**
	Anthracene		56,247	6,107	NA	NA	NA	NA	**10,000**	**1,100**	**1,800**	**1,100**	**7,500**	**3,000**	**710**	**2,300**	**7900 J**	**510 J**
	Benzo(a)anthracene		5,343	696.87	NA	75.03	NA	NA	**24,000**	**2,300**	**4,400**	**3,000**	**27,000**	**6,800**	**2,700**	**8,000**	**17000 J**	**1900 J**

TABLE 4B
SEDIMENT COC CHARACTERIZATION
ANALYTICAL DATA SUMMARY

Former Sperry Remington Site
Elmira, New York

Group	Analyte	Units	Benthic Aquatic Life Acute Toxicity[1]	Benthic Aquatic Life Chronic Toxicity[1]	Wildlife[1]	Human Health[1]	Severe Effect Level[2]	Lowest Effect Level[2]	RI Phase 1									IRM PDI
									C-1	C-2	C-3	C-4	C-5	C-6	C-7	OS-1	OS-2	CB-1
									5'-5.5'	7.5'-8'	6.67'-7.7'	7.5'-8'	6'-6.5'	10'-10.5'	5.17'-5.67'	11.5'-12'	11.5'-12'	0-12"
									8/24/2011	8/24/2011	8/25/2011	8/25/2011	8/25/2011	8/25/2011	8/25/2011	8/24/2011	8/24/2011	7/24/2012
SVOCs	Benzo(a)pyrene	µg/Kg	NA	NA	NA	75.03	NA	NA	**22,000**	**2,200**	**4,200**	**2,800**	**30,000**	**6,200**	**2,800**	**3,700**	**11000 J**	**1900 J**
	Benzo(b)fluoranthene		NA	NA	NA	75.03	NA	NA	**25,000**	**3,100**	**6,000**	**4,500**	**49,000**	**5,800**	**4,300**	**5,700**	**16000 J**	**2,700**
	Benzo(g,h,i)perylene		NA	NA	NA	NA	NA	NA	**16,000**	**1,600**	**3,200**	**2,400**	**30,000**	**5,000**	**2,300**	**1900 J**	**7600 J**	**2000 J**
	Benzo(k)fluoranthene		NA	NA	NA	75.03	NA	NA	**13,000**	440 U	530 U	560 U	5800 U	**4,000**	530 U	2000 U	1700 U	2200 U
	Biphenyl		NA	NA	NA	NA	NA	NA	**710 J**	2200 U	2600 U	2700 U	28000 U	2200 U	2600 U	9600 U	8600 U	11000 U
	bis(2-Ethylhexyl) phthalate		NA	6,826	NA	NA	NA	NA	3900 U	**740 J**	**2100 J**	**1800 J**	**25000 J**	**2000 J**	**2200 J**	**8800 J**	17000 U	22000 U
	Butylbenzylphthalate		NA	NA	NA	NA	NA	NA	1900 U	2200 U	2600 U	2700 U	**7200 J**	**590 J**	2600 U	9600 U	8600 U	11000 U
	Carbazole		NA	NA	NA	NA	NA	NA	**11,000**	**340 J**	**740**	**490 J**	**4600 J**	**1,700**	**390 J**	2000 U	**4,100**	2200 U
	Chrysene		NA	NA	NA	75.03	NA	NA	**26,000**	**2,200**	**4,800**	**3,100**	**35,000**	**7,600**	**2,900**	**12,000**	**20000 J**	**1700 J**
	Dibenzo(a,h)anthracene		NA	NA	NA	NA	NA	NA	**4,800**	**980**	**1,600**	**1,200**	**14,000**	**1,600**	**1,300**	2000 U	1700 U	**240 J**
	Dibenzofuran		NA	NA	NA	NA	NA	NA	**5,400**	**370 J**	**400 J**	**290 J**	28000 U	**470 J**	2600 U	9600 U	**2300 J**	11000 U
	Fluoranthene		NA	58,161	NA	NA	NA	NA	**68,000**	**4,300**	**9,500**	**6,700**	**61,000**	**17,000**	**5,800**	**9,200**	**35000 J**	**3,100**
	Fluorene		4,143	466.04	NA	NA	NA	NA	**7,500**	**600**	**550**	**430 J**	**2600 J**	**1000**	**200 J**	**990 J**	**3,200**	2200 U
	Indeno(1,2,3-cd)pyrene		NA	NA	NA	75.03	NA	NA	**13,000**	**1,900**	**3,200**	**2,700**	**27,000**	**4,500**	**2,600**	**4,600**	**8000 J**	**1500 J**
	Naphthalene		14,704	1,738	NA	NA	NA	NA	**4,500**	**260 J**	**370 J**	**130 J**	**1200 J**	**300 J**	**73.0 J**	**770 J**	**3,400**	2200 U
	Phenanthrene		NA	6,842	NA	NA	NA	NA	**73,000**	**3,400**	**5,600**	**4,100**	**32,000**	**11,000**	**2,300**	**2,900**	**22000 J**	**1600 J**
	Phenol		NA	NA	NA	NA	NA	NA	**1,300**	440 U	530 U	560 U	5800 U	450 U	530 U	2000 U	1700 U	2200 U
	Pyrene		500,356	54,801	NA	NA	NA	NA	**56,000**	**4,100**	**8,500**	**5,500**	**57,000**	**14,000**	**4,900**	**12,000**	**28000 J**	**2,400**
VOCs	1,1-Dichloroethene	µg/Kg	NA	NA	NA	NA	NA	NA	6.1 U	6.6 U	7.9 U	8.4 U	11.0 U	6.7 U	8.1 U	**49.0 J**	10.0 U	--
	2-Butanone (MEK)		NA	NA	NA	NA	NA	NA	24.0 U	6.6 UJ	7.9 U	8.4 U	11.0 U	6.7 U	8.1 U	2300 U	**98**	--
	Acetone		NA	NA	NA	NA	NA	NA	24.0 U	27.0 UJ	**14.0 J**	34.0 U	**27.0 J**	27.0 U	32.0 U	2300 U	**360**	--
	Carbon disulfide		NA	NA	NA	NA	NA	NA	**1.6 J**	6.6 U	7.9 UJ	8.4 UJ	11.0 UJ	6.7 UJ	8.1 UJ	**120 J**	**9.5 J**	--
	cis-1,2-Dichloroethene		NA	NA	NA	NA	NA	NA	6.1 U	6.6 U	7.9 U	8.4 U	11.0 U	6.7 U	8.1 U	**660**	10.0 U	--
	Cyclohexane		NA	NA	NA	NA	NA	NA	12.0 U	6.6 U	7.9 U	8.4 U	11.0 U	6.7 U	8.1 U	1200 U	**9.6 J**	--
	Dichloromethane (Methylene chloride)		NA	NA	NA	NA	NA	NA	6.1 U	**1.0 J**	7.9 U	8.4 U	11.0 U	6.7 U	8.1 U	590 U	10.0 U	--
	Ethyl benzene		NA	NA	NA	NA	NA	NA	6.1 U	6.6 U	7.9 U	8.4 U	11.0 U	6.7 U	8.1 U	**27.0 J**	10.0 U	--
	Isopropylbenzene		NA	NA	NA	NA	NA	NA	6.1 U	6.6 U	7.9 U	8.4 U	11.0 U	6.7 U	8.1 U	590 U	**7.1 J**	--
	Methyl Acetate		NA	NA	NA	NA	NA	NA	**4.1 J**	6.6 UJ	7.9 UJ	8.4 UJ	11.0 UJ	6.7 UJ	8.1 UJ	**250 J**	**4.2 J**	--
	Methylcyclohexane		NA	NA	NA	NA	NA	NA	12.0 U	6.6 U	7.9 U	8.4 U	11.0 U	6.7 U	8.1 U	**46.0 J**	**8.1 J**	--
	Toluene		NA	NA	NA	NA	NA	NA	6.1 U	6.6 U	7.9 U	8.4 U	11.0 U	6.7 U	8.1 U	**61.0 J**	10.0 U	--
	Trichloroethene		NA	NA	NA	122.30	NA	NA	**1.9 J**	6.6 U	7.9 U	8.4 U	11.0 U	**1.7 J**	8.1 U	**1,400**	10.0 U	--
	trans-1,2-Dichloroethene		NA	NA	NA	NA	NA	NA	6.1 U	6.6 U	7.9 U	8.4 U	11.0 U	6.7 U	8.1 U	**44.0 J**	10.0 U	--
	Vinyl chloride		NA	NA	NA	NA	NA	NA	6.1 U	6.6 U	7.9 U	8.4 U	11.0 U	6.7 U	8.1 U	**230 J**	**100**	--
	Total Xylenes		NA	NA	NA	NA	NA	NA	12.0 U	20.0 U	24.0 U	25.0 U	33.0 U	20.0 U	24.0 U	**27.0 J**	21.0 U	--

Notes:

1 Sediment screening criteria are taken from Table 1 the *Technical Guidance for Screening Contaminated Sediments* (NYSDEC, 1999). Criteria are presented in the guidance per unit mass of organic carbon. The lower 95% confidence limit of total organic carbon concentrations in sediment reported in Phase 1 Data Report were used to convert the screening criteria to a per unit mass of sediment basis.

2 Sediment screening criteria are taken from Table 2 the *Technical Guidance for Screening Contaminated Sediments* (NYSDEC, 1999).

Compounds over minimum screening level are highlighted in light grey. Detected values are in **bold**.

VOC - Volatile organic compound
SVOC - Semivolatile organic compound
C - Culvert
CB - Catch Basin
OS - Oil Skimmer

PCB - Polychlorinated biphenyls
U - Not detected above the reporting limit
J - Estimated
-- - Not Analyzed
NA - Not Applicable

mg/Kg - milligrams per kilogram
µg/Kg - micrograms per kilogram

TABLE 5
WASTE CHARACTERIZATION ANALYTICAL DATA SUMMARY

Former Sperry Remington Site
Elmira, New York

Characteristic	Analyte	Hazard Screening Criteria	Units	Sample Location / Date Collected							
				C-10	C-11	C-8	C-9	OS2-3	OS2-4	OS-SB-01	OS-SB-02
				7/24/2012	7/24/2012	7/24/2012	7/27/2012	7/31/2012	7/31/2012	7/27/2012	7/30/2012
Corrosivity	pH	<2 or >12.5	std. units	6.8 J	6.6 J	7.3 J	7.1 J	6.2 J	6.5 J	6.3 J	6.1 J
Reactivity	Cyanide	--	mg/Kg	1.2	0.73	0.26 J	0.75	3.4	3.8	2.4	0.56 J
	Sulfide	--	mg/Kg	360	220	40.0 U	460	850	540	35.0 U	44.0 U
Ignitability	Flash Point	140	°F	>140	>140	>140	>140	>140	>140	>140	>140
TCLP	Arsenic	5.0	mg/L	0.25 U	0.25 U	0.25 U	0.050 U	0.0059 J	0.0093 J	0.050 U	0.050 U
	Barium	100.0	mg/L	1.0 U	1.0 U	1.0 U	0.60 J	0.72	0.76	1.1 J	0.51
	Cadmium	1.0	mg/L	0.013 J	0.012 J	0.013 J	0.0067 J	0.054	0.072	0.0020 J	0.0022 J
	Chromium	5.0	mg/L	0.041 J	0.013 J	0.0062 J	0.050 U	0.0064 J	0.0076 J	0.050 U	0.050 U
	Lead	5.0	mg/L	0.32	0.21 J	0.48	0.070 J	0.30	0.42	0.10 J	0.027 J
	Aroclor-1242	--	µg/Kg	3,300 J	7,000 J	230 J	59.0 J	29,000 J	94,000 J	390 UJ	120 UJ
	Aroclor-1248	--	µg/Kg	57.0 UJ	150 UJ	2.8 UJ	3.3 UJ	1,200 UJ	540 UJ	26,000 J	9,900 J
	Aroclor-1254	--	µg/Kg	1,900 J	4,100 J	490 J	140 J	30,000 J	140,000 J	22,000 J	8,300 J
TSCA	Total PCBs	50,000	µg/Kg	52,00 J	11,100 J	620 J	199 J	59,000 J	234,000 J	48,000 J	18,200 J

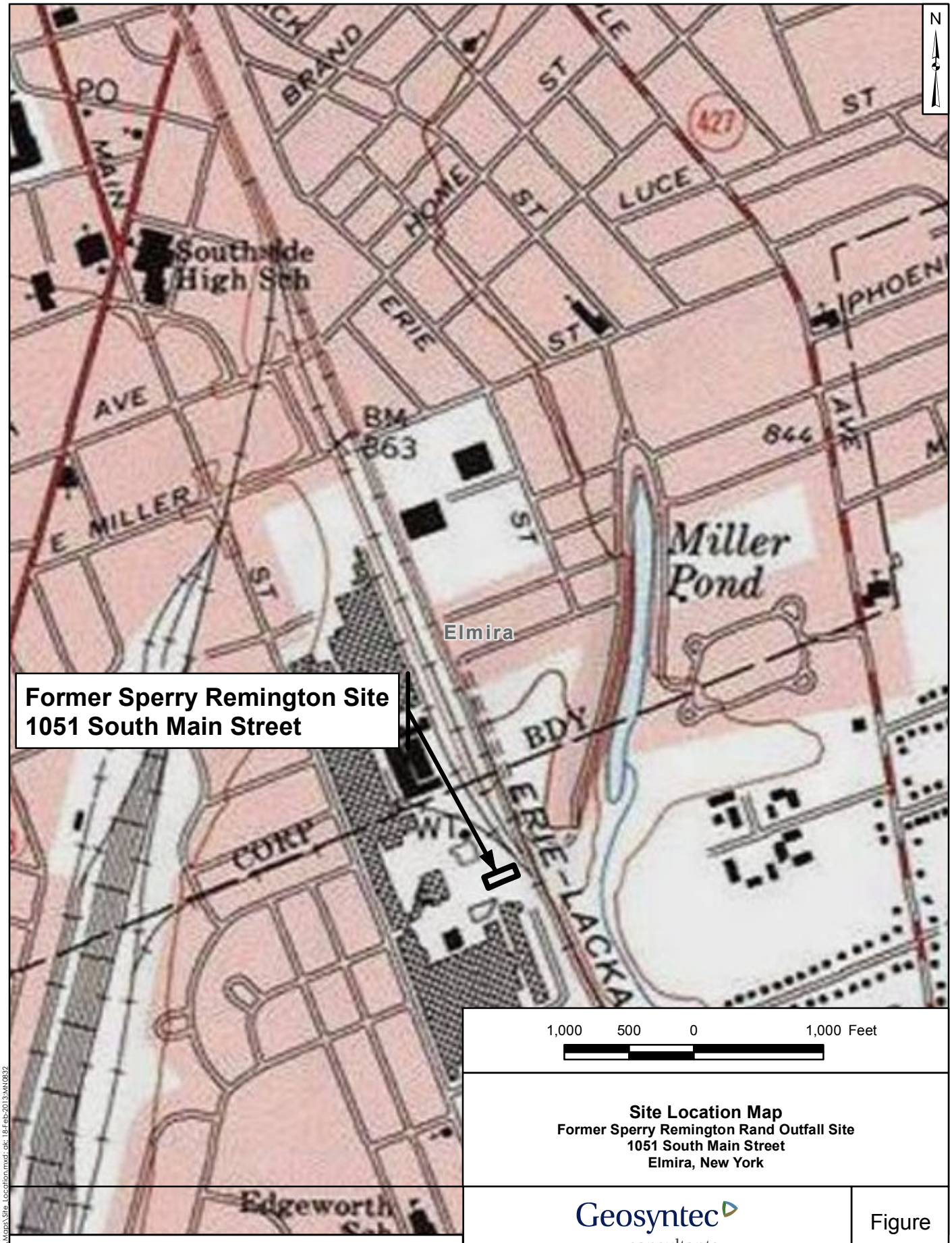
Notes: C - Culvert
OS - Oil Water Skimmer
TCLP - Toxicity Characteristic Leaching Procedure
TSCA - Toxic Substances Control Act
PCB - polychlorinated biphenyl

mg/Kg - milligrams per kilogram
µg/Kg - micrograms per kilogram
mg/L - milligrams per liter

U - Not detected above the reporting limit
J - Estimated

PCB analysis is included for waste characterization because the Site was known to use PCBs.

FIGURES



Site Location Map
Former Sperry Remington Rand Outfall Site
1051 South Main Street
Elmira, New York

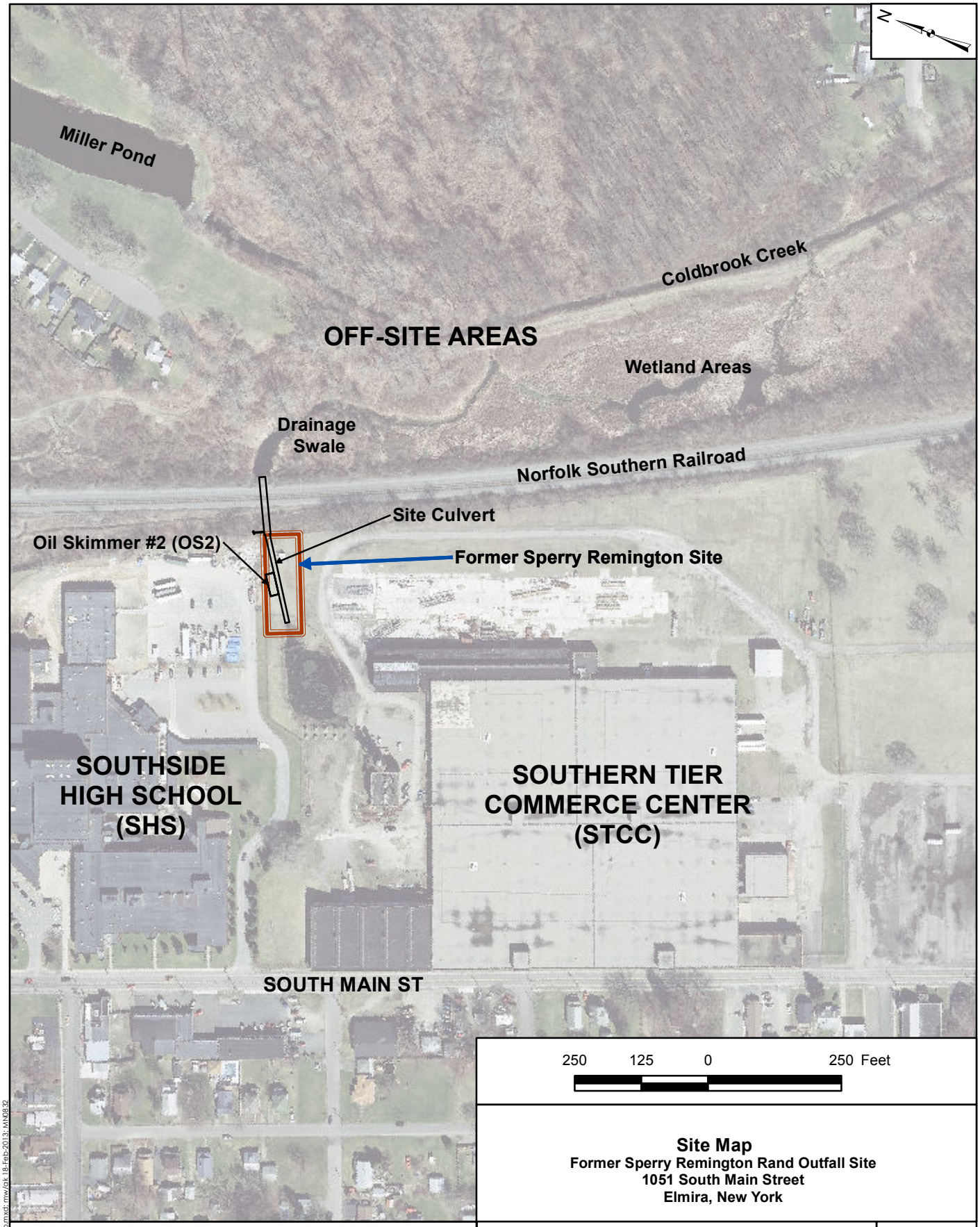
Notes
USGS 7.5' Quadrangle Elmira (1976)

Geosyntec consultants

Columbia, Maryland | February 2013

Figure 1

P:\GIS\WM0832\Mxds\Site Location.mxd: ok: 18-Feb-2013:MN0832



Site Map
Former Sperry Remington Rand Outfall Site
1051 South Main Street
Elmira, New York

Notes
2010 imagery in Chemung County, NYS Digital Ortho-imagery Program (NYSDOP), NYS Office of Cyber Security (2010)

Geosyntec consultants

Columbia, Maryland | February 2013

Figure 2

P:\GIS\MN0832\Mxds\SiteMap.mxd: mw/dk 18-Feb-2013; MN0832

N

REPORTED
OIL SKIMMER #1 (OS1)

NO ACCESS

36" PIPE

CB-6

12" CLAY/STEEL
42" TO 48" VCP

18" ID CLAY PIPE

5' WIDE BOX
CULVERT

CONCRETE
ENCASED
PIPE ~3'x3'

OIL SKIMMER #2 (OS2)

42" ID
RCP

FORMER
RESERVOIR

UNDERGROUND JUNCTION

CB-3

42 TO 48" RCP

CB-4

CB-5

36" RCP

10" CLAY PIPE

10" VCP

18" STEEL PIPE

24" PIPE

CB-10

APPROXIMATE LOCATION
4" BLOW LINE FROM
FORMER BUILDING 45

36" PVC
INV=838.90

5' RCP

CB-2

12"PVC

FORMER
BUILDING #45
BOILER BUILDING
(POWER HOUSE)

POND

10" PIPE INV=839.03
3" STEEL INV=840.61

4" TO 6" STEEL PIPE

4" PIPE

10" TO 12" PIPE

10" TO 12" PIPE

REPORTED OIL SKIMMER #3 (OS3)

CB-1

5' RCP

24" RCP

36" PVC

BOX CULVERT

COOLER WATER
FROM FORMER
BUILDING 66

FORMER BUILDING # 66

CB-9

24" PIPE

18" RCP

CB-8

24" PIPE

24" PIPE

24" PIPE

CB-7

CB-14

NO CONNECTIONS

5' ID RCP
PLATING WASTE

16" CLAY PIPE

FORMER BUILDING #87

CB-12

NO CONNECTIONS

36" CLAY PIPE

12" CLAY PIPE

36" PIPE

CB-11

12" CLAY PIPE

CB-13

12" PIPE

16" CLAY PIPE

BUILDING #85

BUILDING # 88

SOUTHERN TIER COMMERCE CENTER (STCC)

SOUTHSIDE
HIGH SCHOOL

Legend

- Camera Survey Extent and Notes
- Catch Basin
- Stormwater/Wastewater Infrastructure
- Catch Basin
- Former Building
- Walkway
- Railroad
- Pavement
- Fence
- Brush
- Water body
- Property Boundary

75 0 75 150 Feet

Sources

"Figure 1 - Estimated Current and Historical Infrastructure Locations", Advanced Geoservices Engineering PC.

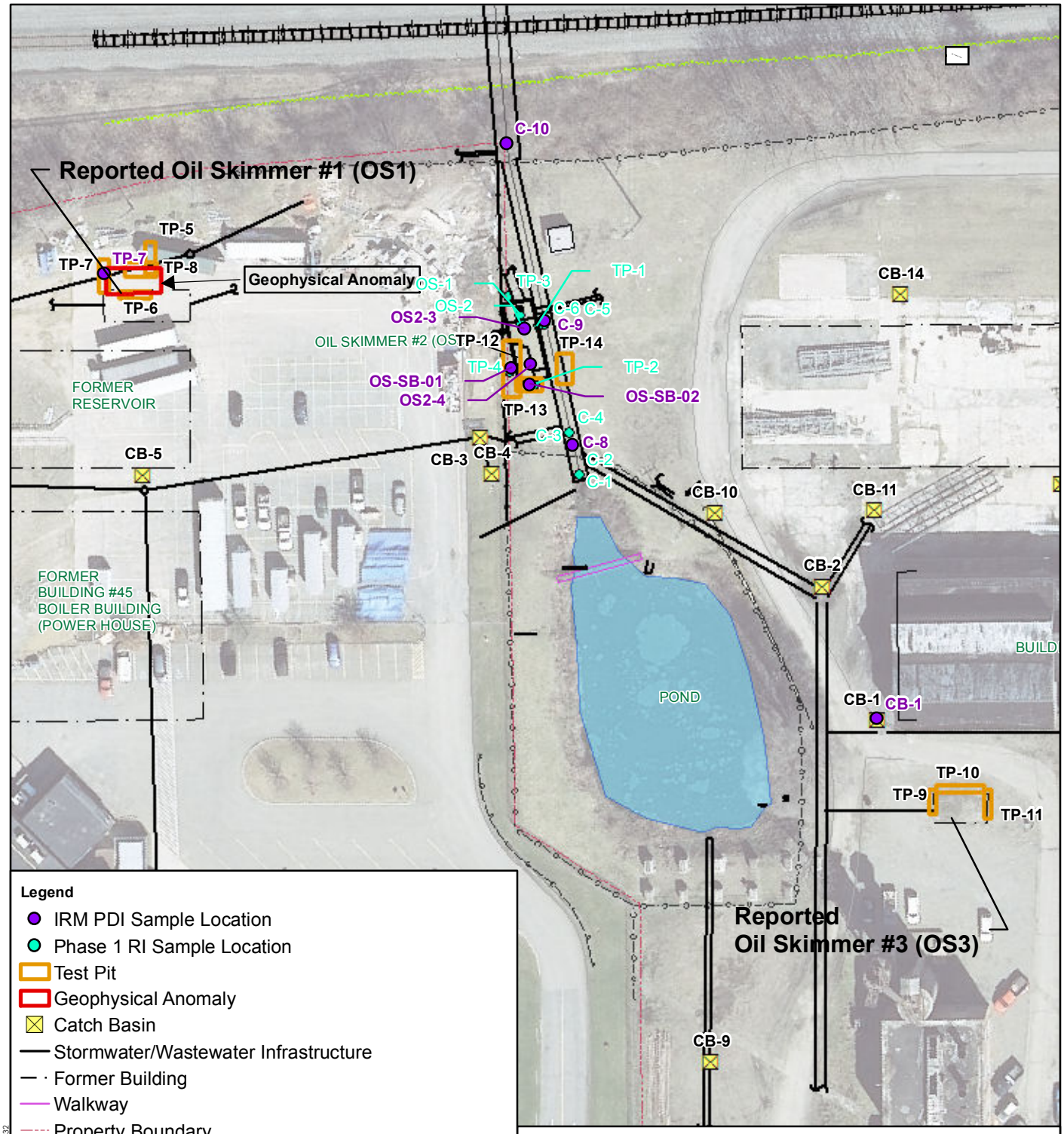
Aerial photograph provided by NYS Digital Ortho-imagery Program (NYSDOP), NYS Office of Cyber Security, dated 2010.

Camera Survey Results
Former Sperry Remington Rand Outfall Site
1051 South Main Street
Elmira, New York

Geosyntec consultants

Columbia, Maryland | February 2013 | Figure 3

P:\GIS\MN0872\Maps\RM_Camerasurvey.mxd KW/RDW: 07-Feb-2013



Legend

- IRM PDI Sample Location
- Phase 1 RI Sample Location
- Test Pit
- Geophysical Anomaly
- Catch Basin
- Stormwater/Wastewater Infrastructure
- Former Building
- Walkway
- Property Boundary
- Phase 1 RI Sample Location
- Railroad
- Building
- Paving
- Fence
- Brush Line
- Water body

PDI Sample Locations
Former Sperry Remington Rand Outfall Site
1051 South Main Street
Elmira, New York

Sources

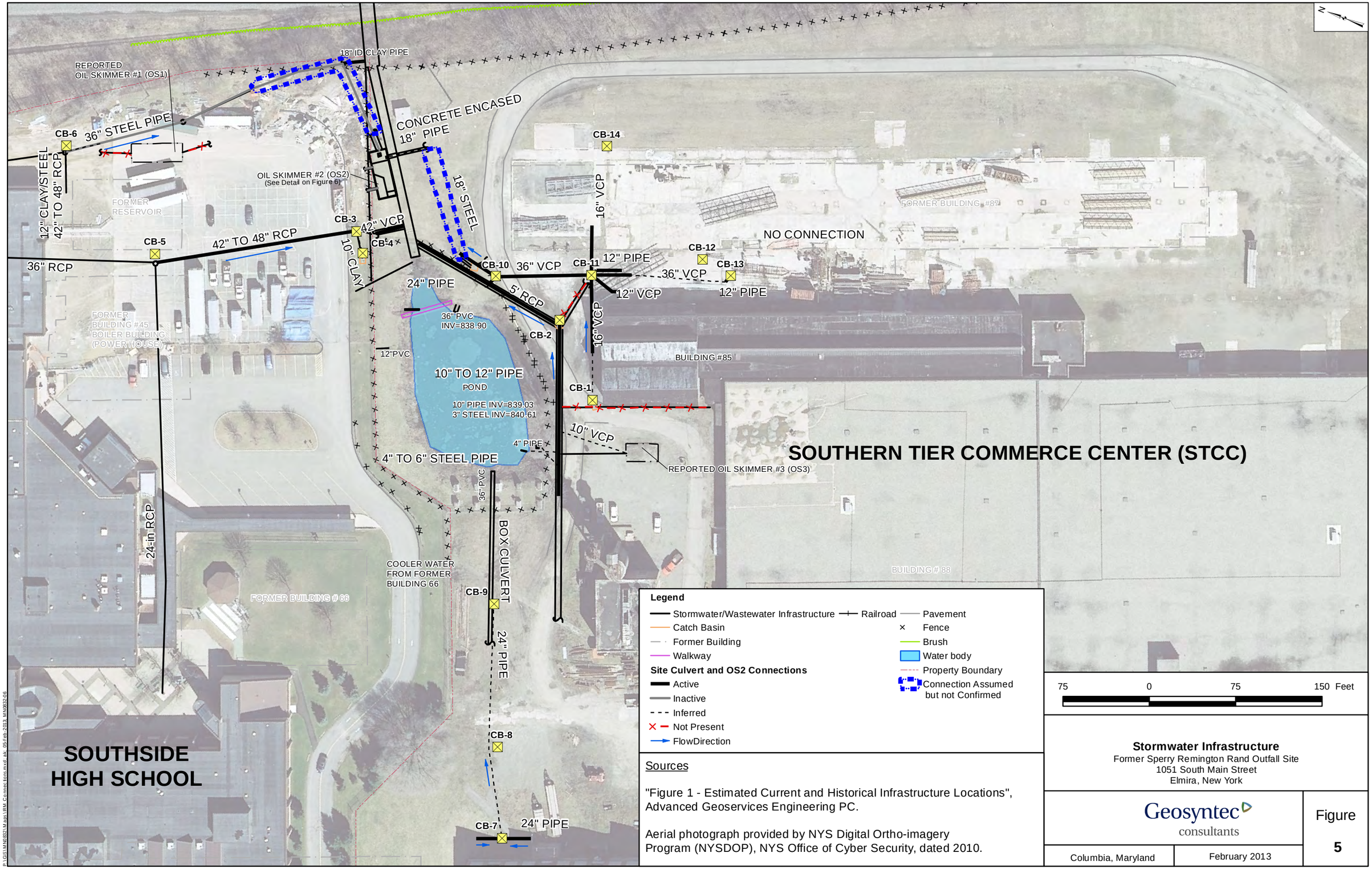
"Figure 1 - Estimated Current and Historical Infrastructure Locations",
Advanced Geoservices Engineering PC.

Geosyntec consultants

Columbia, Maryland | February 2013

Figure 4

P:\GIS\WM0832\Mxds\IRM_Test pit&Culvert_Sed.mxd: mw/ck: 18-Feb-2013: WM0832



Legend

- Stormwater/Wastewater Infrastructure
- Railroad
- Pavement
- Catch Basin
- Fence
- Former Building
- Brush
- Walkway
- Water body
- Property Boundary

Site Culvert and OS2 Connections

- Active
- Inactive
- Inferred
- Not Present
- FlowDirection
- Connection Assumed but not Confirmed

75 0 75 150 Feet

Sources

"Figure 1 - Estimated Current and Historical Infrastructure Locations", Advanced Geoservices Engineering PC.

Aerial photograph provided by NYS Digital Ortho-imagery Program (NYSDOP), NYS Office of Cyber Security, dated 2010.

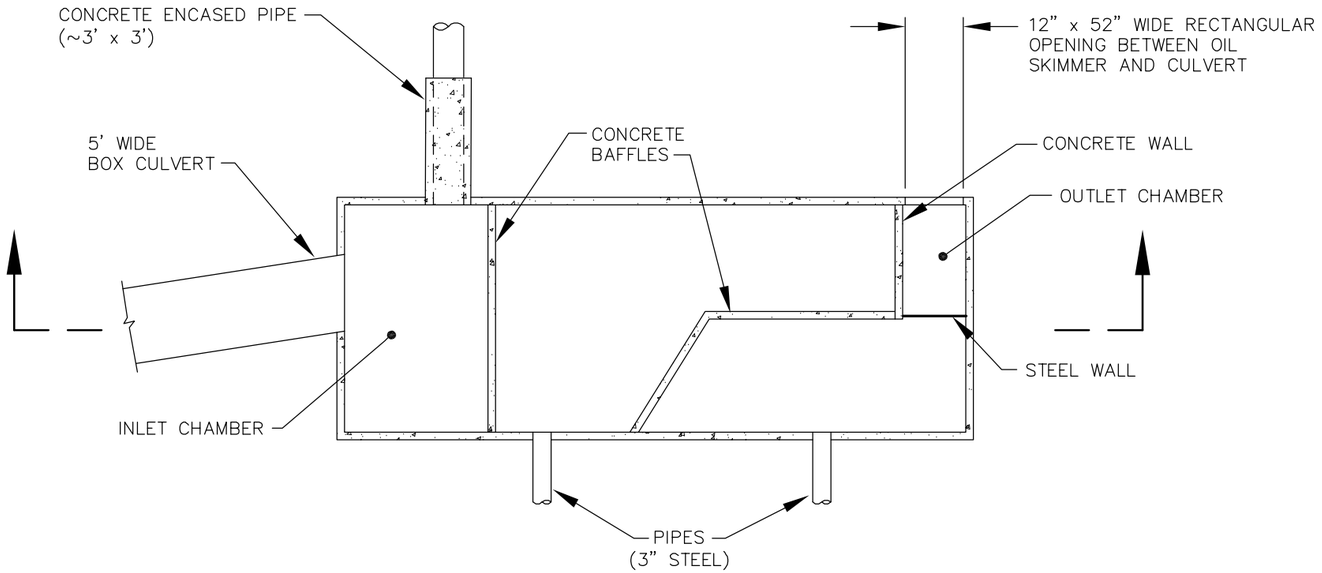
Stormwater Infrastructure
Former Sperry Remington Rand Outfall Site
1051 South Main Street
Elmira, New York

Geosyntec consultants

Columbia, Maryland | February 2013

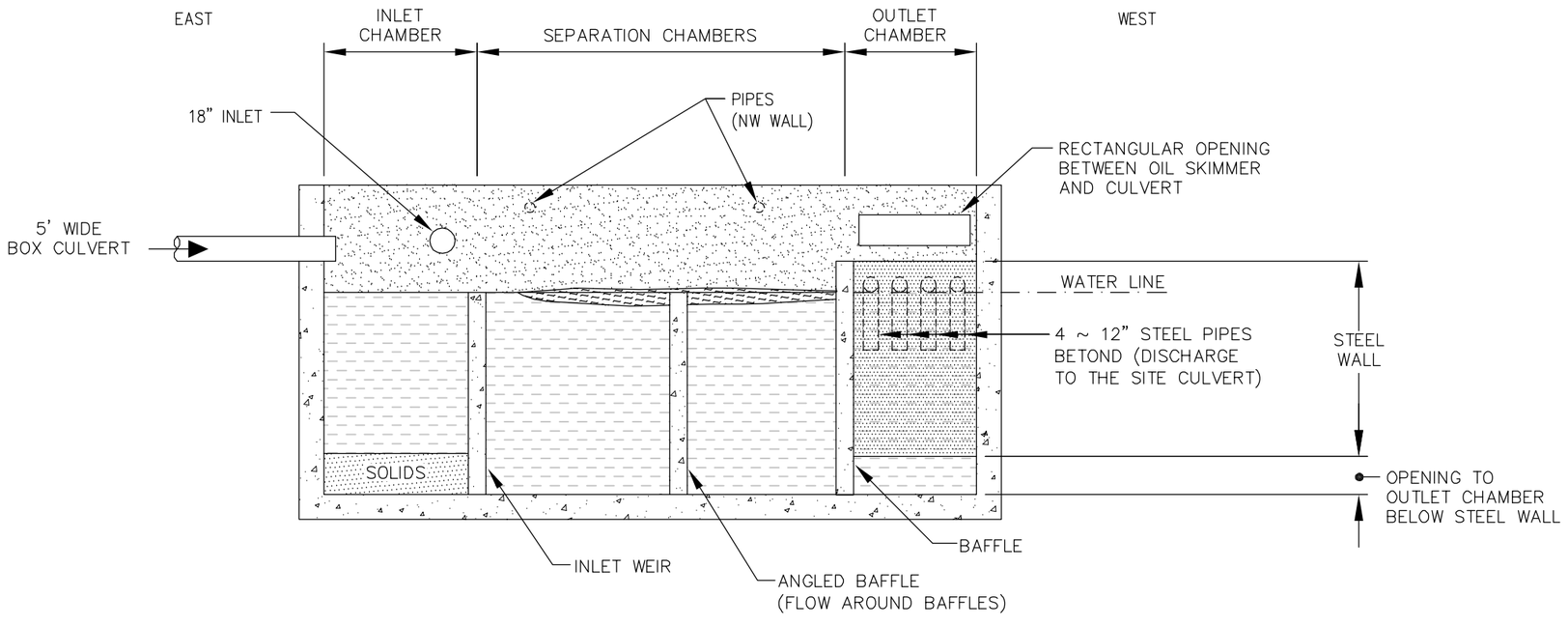
Figure 5

P:\GIS\MN\0832\Maps\ERM Connections.mxd; ak; 05-Feb-2013, MN0832-06



OIL SKIMMER #2 PLAN

SCALE: 1" = 10'



OIL SKIMMER #2 SECTION

SCALE: NTS

NOTE:
SITE PLAN DEVELOPED FROM AN AUTOCAD FILE (OIL SKIMMER.DWG) OBTAINED FROM ADVANCED GEOSERVICES ENGINEERING, P.C., FEBRUARY 2013.

10 5 0 10

SCALE: 1" = 10'

OIL SKIMMER #2 DETAIL

FORMER SPERRY REMINGTON RAND OUTFALL SITE
1051 SOUTH MAIN STREET
ELMIRA, NEW TORK

Geosyntec consultants
COLUMBIA, MARYLAND

DATE:	FEBRUARY 2013
PROJECT NO.	MR0832
DOCUMENT NO.	
FILE NO.	0832f002
FIGURE NO.	6

F:\cadd\0832-elmira\0832f002.dwg, 6, 2/5/2013 1:37:21 PM, geosyntec consultants, inc. (cc)

Select Appendixes from #808043 Interim Remedial Measure Pre-Design Investigation Data Report, Agency Review Draft (Geosyntec, 2013)

APPENDIX C

Geophysical Survey

NOVA GEOPHYSICAL SERVICES

SUBSURFACE MAPPING SOLUTIONS
56-01 Marathon Parkway, PO Box 765, Douglaston, New York 11362
Ph. 347-556-7787 Fax. 718-261-1527
www.nova-gsi.com

July 25, 2012

Robert S. Casey
EA Engineering P.C.
6712 Brooklawn Parkway, Suite 104
Syracuse, New York 13211
Office: (315).431.4610
Cell: (315).430.7429
Email: rcasey@eaest.com

Re: Geophysical Survey Report
Commercial Property
1051 South Main Street
Elmira, NY

Dear Mr. Casey:

Nova Geophysical Services (NOVA) is pleased to provide findings of our geophysical survey at the above referenced project site located at 1051 South Main Street, Elmira, NY (the "Site"). Please see attached Geophysical Survey map for more details.

INTRODUCTION TO GEOPHYSICAL SURVEY

NOVA performed Geophysical surveys consisting of Ground Penetrating Radar (GPR), Electromagnetic (EM) surveys and comprehensive subsurface utility (CSUL) surveys at the project Site. The purpose of this survey is to identify and/or locate any subsurface utilities, anomalies, and associated piping as well as other subsurface features in multiple areas at the Site on July 23rd, 2012.

The equipment selected for this investigation will be included a CSUL Pipe and Cable Locator (an magnetic detector), Ditch-Witch utility locator, Electromagnetic detector (Geonics EM61), Noggin's 250 MHz ground-penetrating radar (GPR) units.

A GPR system consists of a radar control unit, control cable and a transducer (antenna). The control unit transmits a trigger pulse at a normal repetition rate of 250 MHz. The trigger pulse is sent to the transmitter electronics in the transducer via the control cable. The transmitter

electronics amplify the trigger pulses into bipolar pulses that are radiated to the surface. The transformed pulses vary in shape and frequency according to the transducer used. In the subsurface, variations of the signal occur at boundaries where there is a dielectric contrast (void, steel, soil type, etc.). Signal reflections travel back to the control unit and are represented as color graphic images for interpolation.

GEOPHYSICAL METHODS

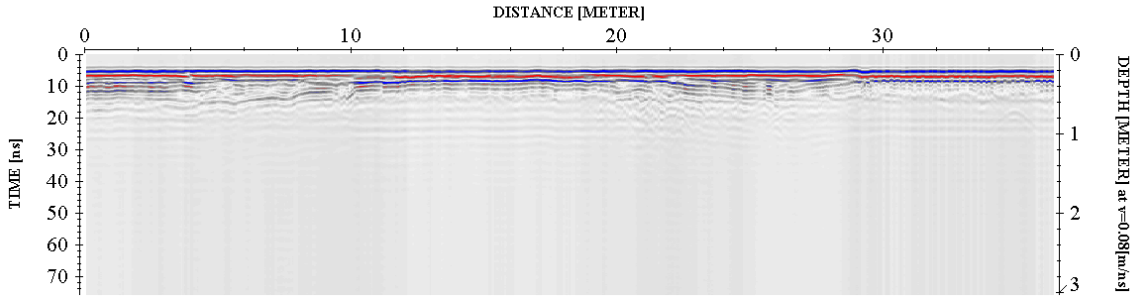
The project site was first screened using the Geonics(tm) electromagnetic detector by carrying the instrument over the boring locations at the site in 5' x 5' traverses. When evidence of anomalies were observed, the Ditch-witch(tm) utility locator was then used to determine if the anomalies were utilities or other large sub-surface metal objects. Finally, GPR profiles were collected over each metal-detector anomaly and inspected for reflections, which could be indicative of major anomalies.

GPR data profiles were collected for the areas of the Site specified by the client. The surveyed area consisted of non-paved areas with vegetation and some fill materials.

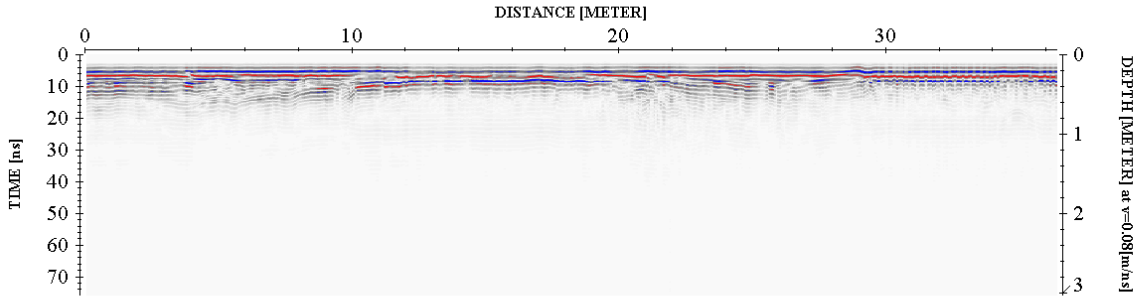
DATA PROCESSING

In order to improve the quality of the results and to better identify subsurface anomalies NOVA processed the collected data. The processes flow is briefly described at this section.

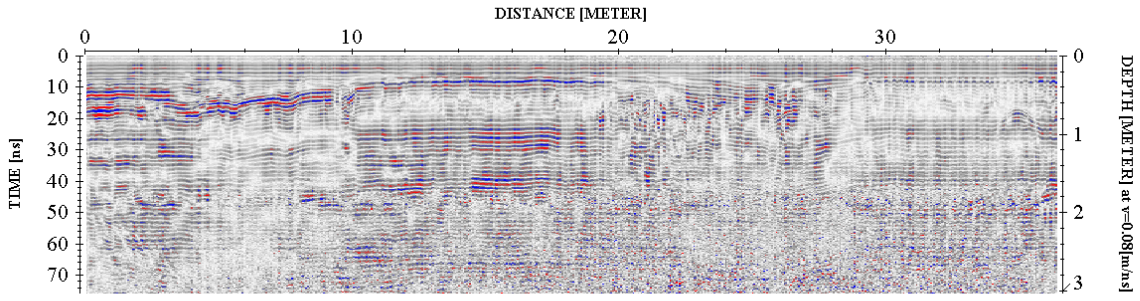
Step 1. Import raw RAMAC data to standard processing format



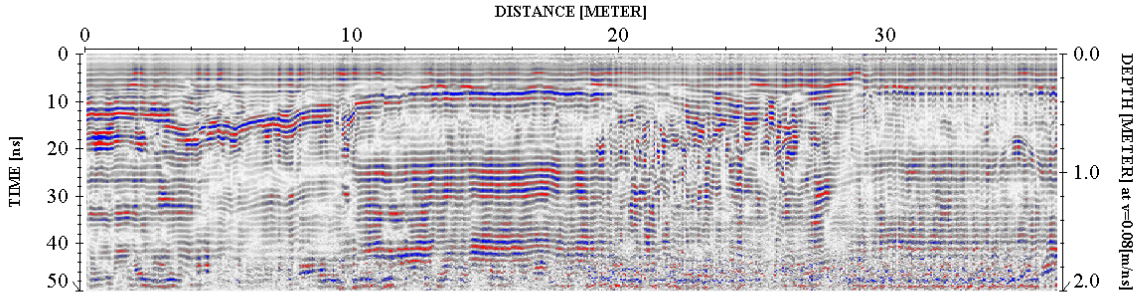
Step 2. Remove instrument noise *(dewow)*



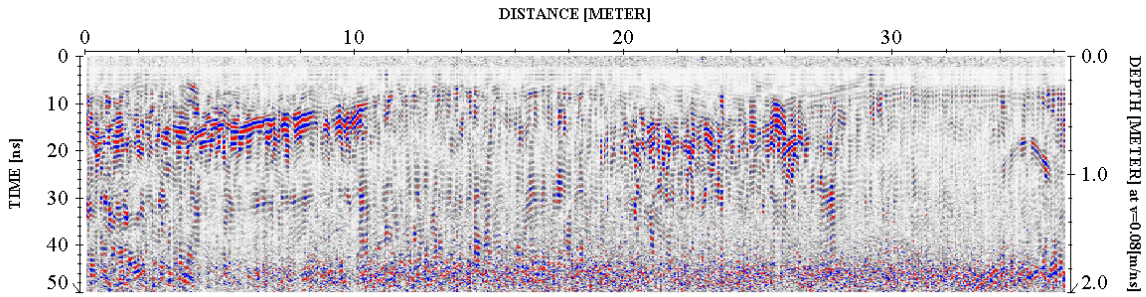
Step 3. Correct for attenuation losses *(energy decay function)*



Step 4. Remove static from bottom of profile *(time cut)*



Step 5. Mute horizontal ringing/noise *(subtracting average)*



The above example shows the significance of data processing. The last image (step 5) has higher resolution than the starting image (raw data – step 1) and describes the subsurface anomalies more accurately.

PHYSICAL SETTINGS

Nova observed following physical conditions at the time of the survey:

The weather: Sunny.

Temp: 80 degrees.

Surface: Paved and non-paved areas.

Geophysical Noise Level (GNL): Geophysical Noise Level (GNL) was low within the project area due to surface fill materials.

RESULTS

The results of the geophysical survey identified following anomalies located at the project Site:

- Geophysical survey identified a major anomaly located southeast portion of the project site. Based on its reflection rate, and proximity it may be an indication of an underground storage tank (UST).

- Geophysical survey identified scattered anomalies located throughout of the project site. Based on their reflection rate, and appearance on the GPR, they were indication of subsurface concrete structures.

- Geophysical survey identified minor anomalies with the EM survey located at the project area. Based on their reflection rate, they may be broken metal pipes, plates, fill materials, building foundations (former oil/water separator structures) and etc.

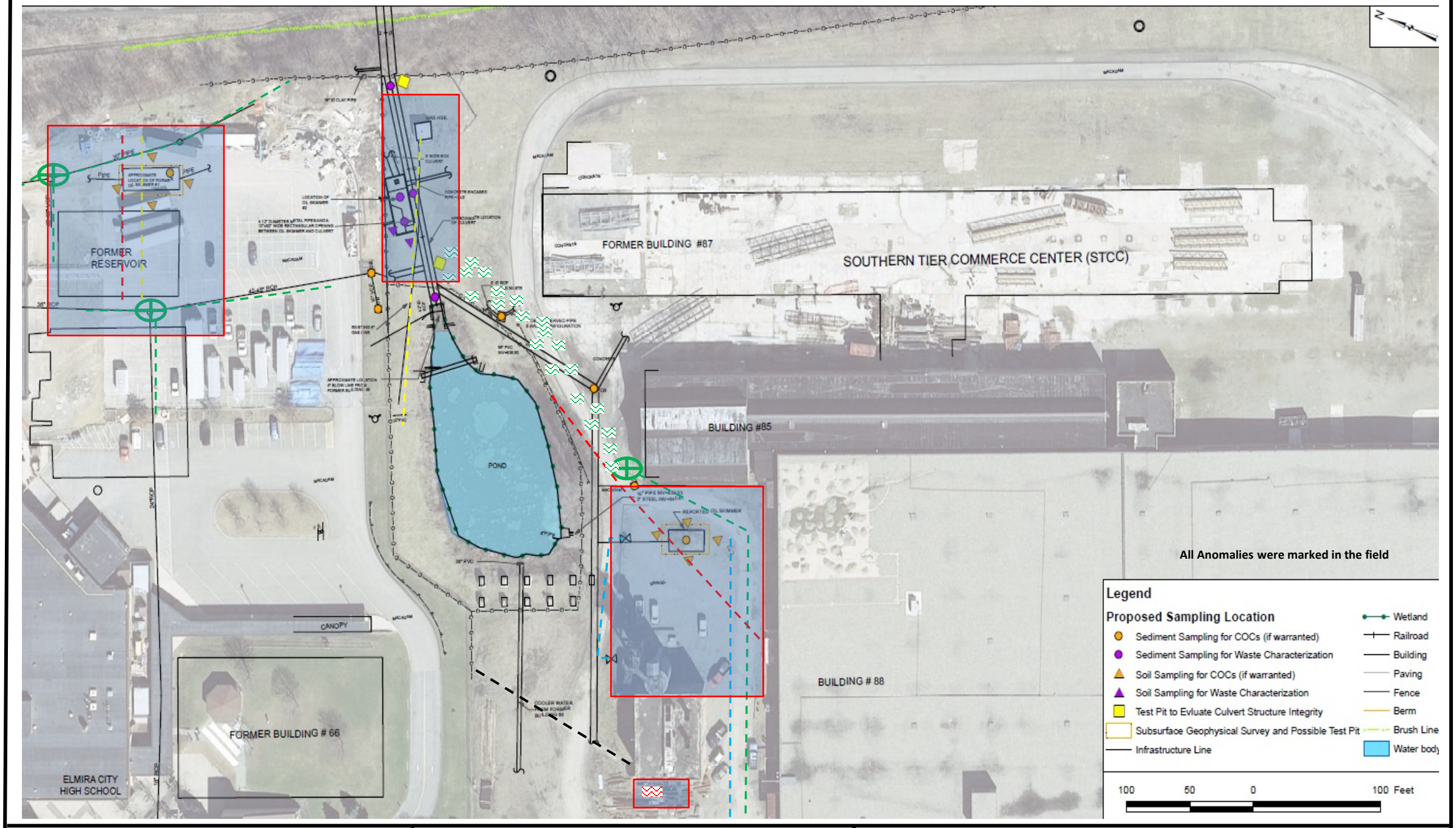
- Geophysical Survey Plan portrays the areas investigated during the geophysical survey.

If you have any questions please do not hesitate to contact the undersigned.
Sincerely,

NOVA Geophysical Services

Levent Eskicakit, P.G., E.P.
Project Engineer

Attachments:
Figure 1 Site Location Map
Geophysical Survey Plan
Geophysical Images



NOVA
Geophysical Services
Subsurface Mapping Solutions
56-01 Marathon Parkway, PO Box 765
Douglaston, New York11362
Phone (347) 556-7787 * Fax (718) 261-1527
www.nova-gsi.com

GEOPHYSICAL SURVEY PLAN

SITE : **Commercial Property**
1051 South Main Street, Elmira, NY

CLIENT: EA Engineering P.C.
DATE: July 23, 2012
Scale : See Map

INFORMATION

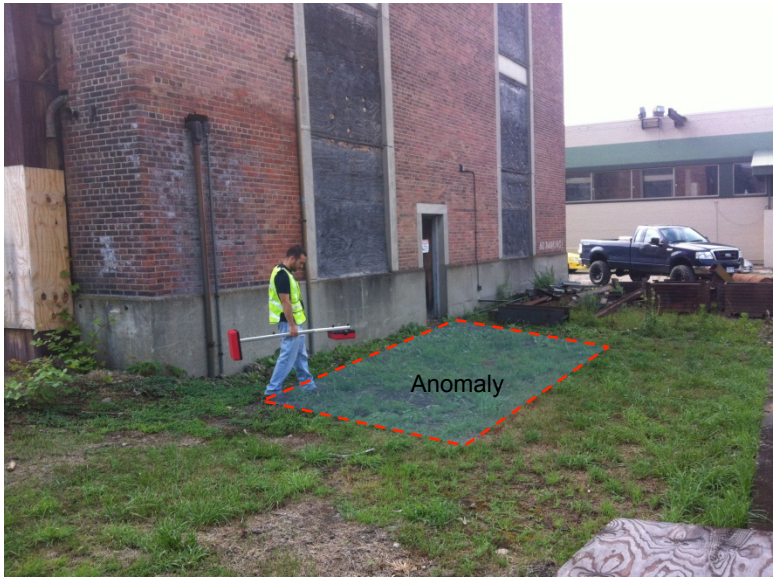
- GPR/EM Surveyed Areas
- Underground Utilities/Pipes
- Anomalies
- Major Anomaly
- Manhole Cover

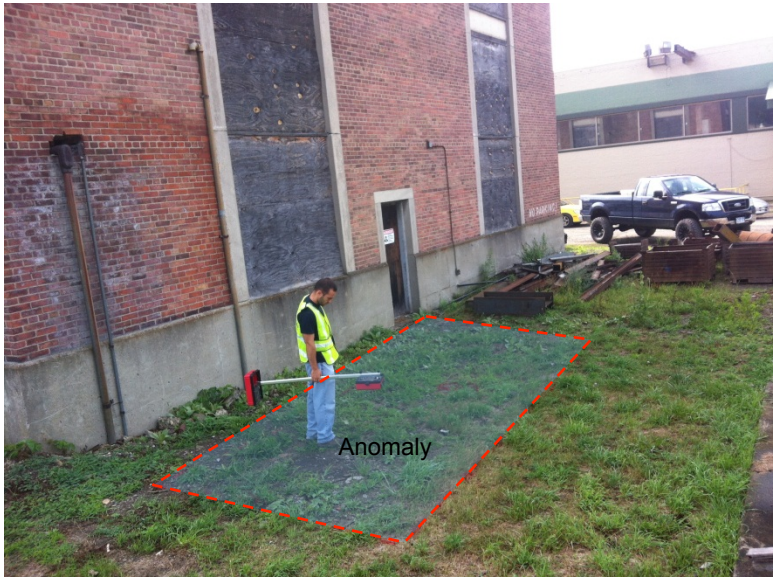
GEOPHYSICAL IMAGES

Commercial Property

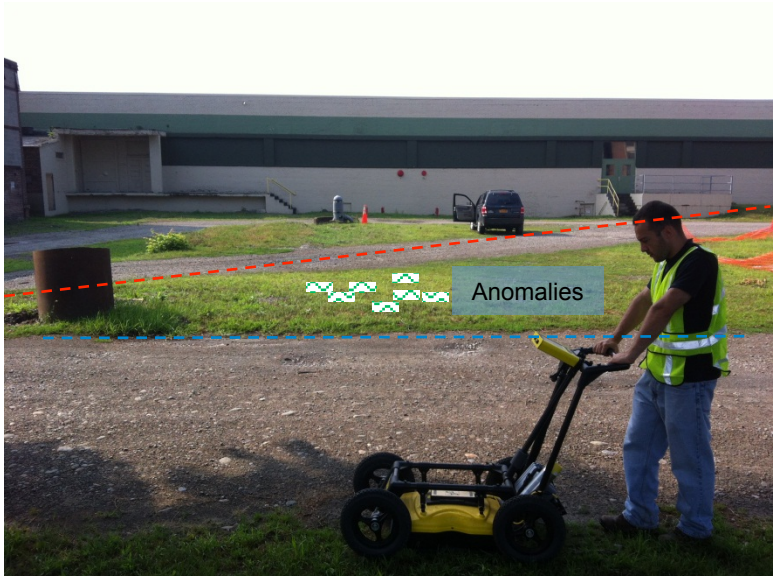
1051 South Main Street, Elmira, NY

July 23, 2012







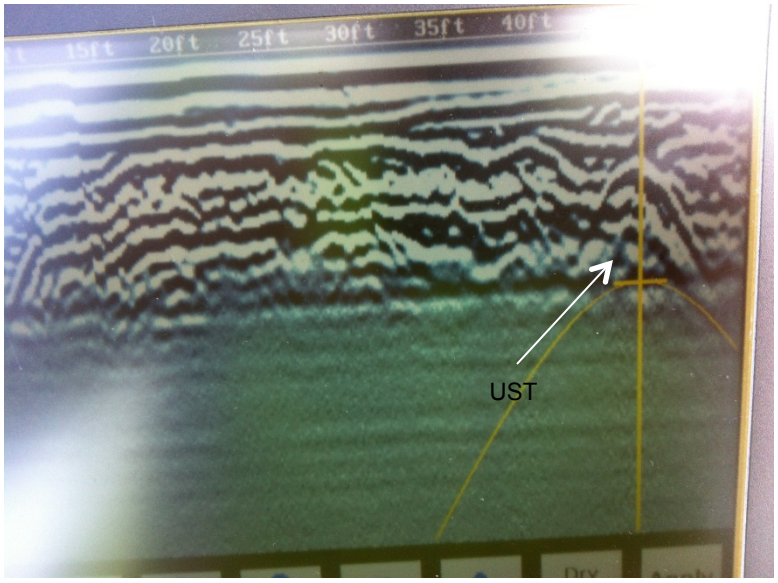


GEOPHYSICAL IMAGES
Commercial Property
1051 South Main Street, Elmira, NY
July 23, 2012









GEOPHYSICAL IMAGES

Commercial Property

1051 South Main Street, Elmira, NY

July 23, 2012

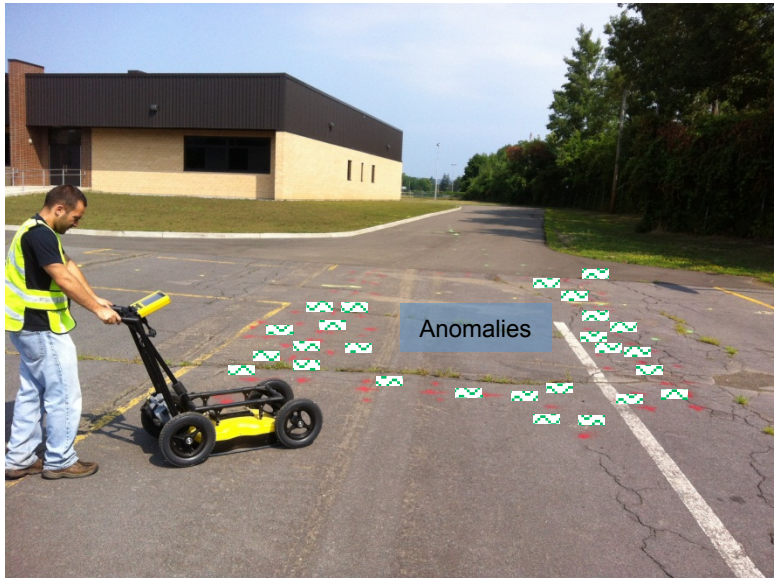


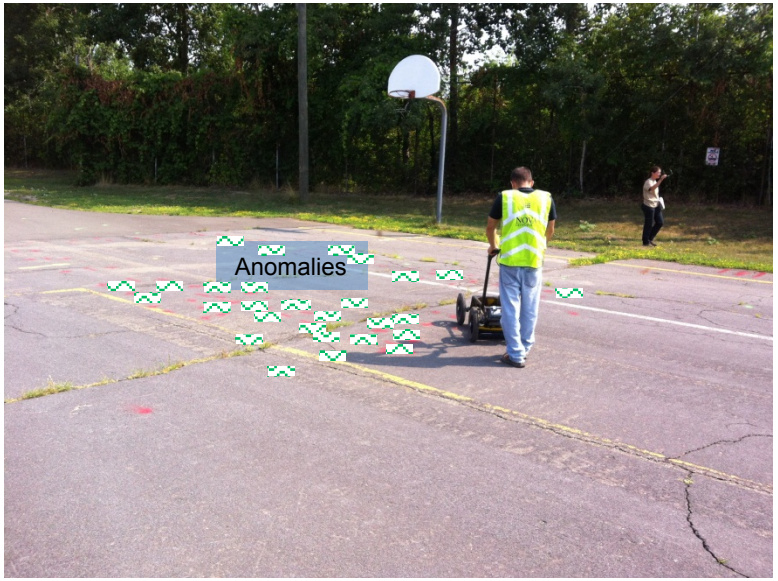


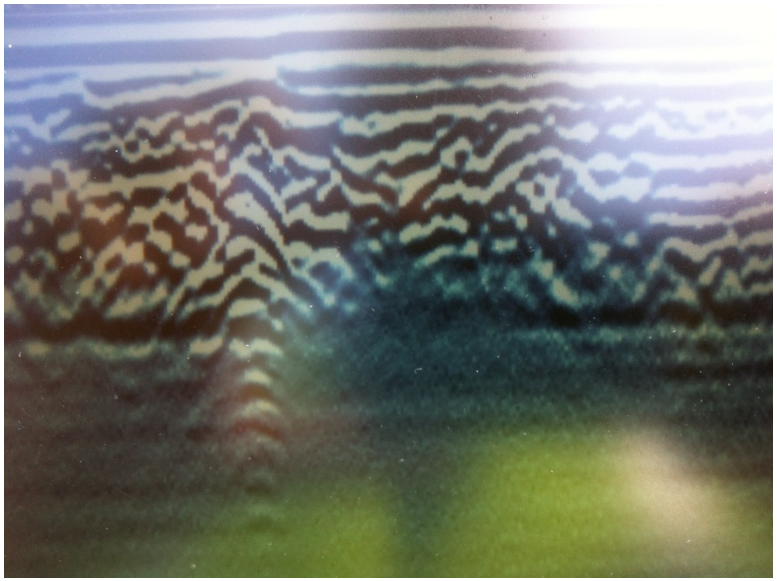




GEOPHYSICAL IMAGES
Commercial Property
1051 South Main Street, Elmira, NY
July 23, 2012







GEOPHYSICAL IMAGES
Commercial Property
1051 South Main Street, Elmira, NY
July 23, 2012





APPENDIX E

Test Pit Logs

EA Engineering, P.C.
EA Science and Technology

LOG OF TEST PIT

Coordinates:
Surface Elevation:
Reference Elevation:
Reference Description:

Job. No.	Client:	Location
14947.01	Project: Elmira	Elmira, New York

Sampling Location Description: INVESTIGATING FORMER OS1 AREA

Location ID: TP-5

Sheet 1 of 1

Sample Method: NA

Depth of Test Pit: 6 FT

Depth to Bedrock (ft bgs): NA

Groundwater Encountered (ft bgs): NO

Dispostion of Test Pit: W to E, backfilled/paved

Sampling Date/Time	
Start	Finish
1300	1415

Surface Conditions: asphalt parking lot

Weather: 80's F / SUNNY

Depth Interval (ft bgs)	PID (ppm)	VOCs	SVOCs	TAL Metals	PCBs/ Pesticides	TCLP		Description of Material
0-2'	0.0							0-1' ASPHALT and MINIMAL BASE COURSE, 1-2' LOOSE SAND and TILL MATERIAL; ENCOUNTERED TOP OF EASTERN BRICK WALL @ 1 FT BGS
2-5'	0.0							NOTABLE BLACK STAINING OBSERVED AT ~3 FT BGS UNTIL ~4-4.5 FT BGS, HISTORICAL COAL ASH; FILL MATERIAL (BRICKS), LOOSE SANDS AND COBBLES TO 5 FT BGS
5-6'	0.0							FILL MATERIAL, LOOSE SAND AND COBBLES WITH SOME SLAG ASH AND FRAGMENTS

NOTES: EXCAVATED MATERIAL FROM THE INTERIOR AND EXTERIOR OF THE STRUCTURE, TEST PIT EXTENDED APPROXIMATELY 6 FT EAST OF STRUCTURE WALL; SOILS WERE VERY LOOSE,IDENTIFIED WALL AND MOVED TO WESTERN SIDE OF STRUCTURE TO EXPOSE WALL;

Logged by: rsc **Date:** 25-Jul-12

Sample Interval: NA **Time:**

EA Engineering, P.C.
EA Science and Technology

LOG OF TEST PIT

Coordinates:
Surface Elevation:
Reference Elevation:
Reference Description:

Job. No.	Client:	Location
14947.01	Unisys	Elmira, New York
	Project: Elmira	

Sampling Location Description: INVESTIGATING FORMER OS1 AREA

Location ID: TP-6

Sheet 1 of 1

Sample Method: NA

Depth of Test Pit: 8 FT

Depth to Bedrock (ft bgs): NA

Groundwater Encountered (ft bgs): NO

Dispostion of Test Pit: S to N, backfilled/paved

Sampling Date/Time	
Start	Finish
1430	1600

Surface Conditions: asphalt parking lot

Weather: 80's F / SUNNY

Depth Interval (ft bgs)	PID (ppm)	VOCs	SVOCs	TAL Metals	PCBs/ Pesticides	TCLP		Description of Material
0-2'	0.0							0-1' ASPHALT and MINIMAL BASE COURSE, 1-2' LOOSE SAND and TILL MATERIAL; ENCOUNTERED TOP OF WESTERN BRICK WALL @ 1 FT BGS
2-4'	0.0							EXCAVATION ON EXTERIOR WESTERN WALL OF STRUCTURE; LOOSE SAND, SOME GAVEL AND COBBLE MATERIAL
4-8'	0.0							FILL MATERIAL, LOOSE SAND AND COBBLES WITH SOME SLAG ASH AND FRAGMENTS

NOTES: EXCAVATED MATERIAL FROM THE EXTERIOR OF THE STRUCTURE LOOKING FOR PIPING CONNECTIONS, TEST PIT EXTENDED APPROXIMATELY 8 FT ALONG STRUCTURE WALL; SOILS WERE VERY LOOSE, FINISHED EXCAVATION BACKFILLED TP-05 & TP-06 WITH EXCAVATED MATERIAL;

Logged by: rsc **Date:** 25-Jul-12

Sample Interval: **Time:**

EA Engineering, P.C.
EA Science and Technology

LOG OF TEST PIT

Coordinates:
Surface Elevation:
Reference Elevation:
Reference Description:

Job. No.	Client:	Location
14947.01	Project: Elmira	Elmira, New York

Sampling Location Description: INVESTIGATING FORMER OS1 AREA

Location ID: TP-7

Sheet 1 of 1

Sample Method: NA

Depth of Test Pit: 11 FT

Depth to Bedrock (ft bgs): NA

Groundwater Encountered (ft bgs): NO

Dispostion of Test Pit: E to W, backfilled/paved

Sampling Date/Time	
Start	Finish
845	950

Surface Conditions: asphalt parking lot

Weather: 80's F / OVERCAST

Depth Interval (ft bgs)	PID (ppm)	VOCs	SVOCs	TAL Metals	PCBs/ Pesticides	TCLP & PCBs		Description of Material
0-2'	0.0							0-1' ASPHALT and MINIMAL BASE COURSE, 1-2' LOOSE SAND and TILL MATERIAL; ENCOUNTERED TOP OF NORTHERN BRICK WALL @ 1 FT BGS
2-4'	0.0							HISTORICAL COAL ASH; FILL MATERIAL (BRICKS), LOOSE SANDS AND COBBLES TO 4 FT BGS
4-8'	0.0					X		FILL MATERIAL, LOOSE SAND AND COBBLES WITH SOME SLAG ASH AND FRAGMENTS
8-11'	0.0							FILL MATERIAL, LOOSE SAND AND COBBLES WITH SOME SLAG ASH AND FRAGMENTS

NOTES: EXCAVATED MATERIAL FROM THE INTERIOR OF THE STRUCTURE, TEST PIT EXTENDED FROM APPROXIMATELY MIDDLE OF THE NORTHERN WALL TO WESTERN WALL CORNER; SOILS WERE VERY LOOSE,AND APPEARED TO BE FAIRLY NATIVE BACKFILL MATERIAL; CCOLLECTED COMPOSITE SAMPLE FOR WASTE CHARACTERIZATION

Logged by: rsc

Date: 26-Jul-12

Sample Interval: composite of stockpile TCLP & PCBS

Time: 1010

EA Engineering, P.C.
EA Science and Technology

LOG OF TEST PIT

Coordinates:
Surface Elevation:
Reference Elevation:
Reference Description:

Job. No.	Client:	Unisys	Location
14947.01	Project:	Elmira	Elmira, New York

Sampling Location Description: INVESTIGATING FORMER OS1 AREA

Location ID: TP-8

Sheet 1 of 1

Sample Method: NA

Depth of Test Pit: 13 FT

Depth to Bedrock (ft bgs): NA

Groundwater Encountered (ft bgs): NO

Dispostion of Test Pit: N to S, backfilled/paved

Sampling Date/Time	
Start	Finish
1030	1200

Surface Conditions: asphalt parking lot

Weather: 80's F / PARTLY CLOUDY

Depth Interval (ft bgs)	PID (ppm)	VOCs	SVOCs	TAL Metals	PCBs/ Pesticides	TCLP		Description of Material
0-2'	0.0							0-1' ASPHALT and MINIMAL BASE COURSE, 1-2' LOOSE SAND and TILL MATERIAL; ENCOUNTERED TOP OF EASTERN BRICK WALL @ 1 FT BGS
2-4'	0.0							NOTABLE BLACK STAINING OBSERVED UP TO ~3 FT BGS (HISTORICAL COAL ASH); FILL MATERIAL (BRICKS), LOOSE SANDS AND COBBLES TO 4 FT BGS
4-8'	0.0							FILL MATERIAL, LOOSE SAND AND COBBLES, SOME SLAG ASH AND FRAGMENTS NOTED AT 7-8 FT BGS
8-13'	0.0							FILL MATERIAL, LOOSE SAND AND COBBLES

NOTES: EXCAVATED MATERIAL FROM THE EXTERIOR OF THE STRUCTURE, TEST PIT EXTENDED APPROXIMATELY 10 FT ALONG EASTERN STRUCTURE WALL; TEST PIT WAS EXCAVATED TO EVALUATE THE POTENTIAL FOR PIPING AND POTENTIALLY SCRAP THE TOP OF THE STORM SEWER LINE LOCATED EAST OF STRUCTURE; NEITHER OF WHICH WERE IDENTIFIED DURING TEST PITTING

Logged by: rsc **Date:** 26-Jul-12

Sample Interval: **Time:**

EA Engineering, P.C.
EA Science and Technology

LOG OF TEST PIT

Coordinates:
Surface Elevation:
Reference Elevation:
Reference Description:

Job. No.	Client:	Location
14947.01	Unisys	Elmira, New York
	Project: Elmira	

Sampling Location Description: INVESTIGATING FORMER OS3 AREA

Location ID: TP-9

Sheet 1 of 1

Sample Method: NA

Depth of Test Pit: 9 FT

Depth to Bedrock (ft bgs): NA

Groundwater Encountered (ft bgs): NO

Dispostion of Test Pit: S to N, backfilled/graded

Sampling Date/Time	
Start	Finish
1345	1500

Surface Conditions: grass

Weather: 80's F / CLOUDY LIGHT RAIN

Depth Interval (ft bgs)	PID (ppm)	VOCs	SVOCs	TAL Metals	PCBs/ Pesticides	TCLP		Description of Material
0-2'	0.0							0-1' GRASS AND ORGANICS, 1-2' TOPSOILS, GRAVELS AND LOOSE SOILS; STRUCTURE WALLS ARE PARTIALLY EXPOSED AT THE GROUND SURFACE
2-4'	0.0							FILL MATERIAL (SOME BRICKS), LOOSE SOILS, GRAVEL AND GENERAL FILL
4-6'	0.0							FILL MATERIAL, LOOSE DRY SAND AND COBBLES
6-9'	0.0							FILL MATERIAL, LOOSE DRY SAND AND COBBLES

NOTES: EXCAVATED MATERIAL FROM THE EXTERIOR OF THE STRUCTURE NORTHERN SIDE, TEST PIT EXTENDED APPROXIMATELY 6 FT ALONG STRUCTURE WALL; SOILS WERE VERY LOOSE,IDENTIFIED EXIT CLAY PIPE AT ~6-7 FT BGS;

Logged by: rsc

Date: 26-Jul-12

Sample Interval:

Time:

EA Engineering, P.C.
EA Science and Technology

LOG OF TEST PIT

Coordinates:
Surface Elevation:
Reference Elevation:
Reference Description:

Job. No.	Client:	Location
14947.01	Project: Elmira	Elmira, New York

Sampling Location Description: INVESTIGATING FORMER OS3 AREA

Location ID: TP-10

Sheet 1 of 1

Sample Method: NA

Depth of Test Pit: 2 FT

Depth to Bedrock (ft bgs): NA

Groundwater Encountered (ft bgs): NO

Dispostion of Test Pit: N to S, backfilled/graded

Sampling Date/Time	
Start	Finish
815	900

Surface Conditions: grass

Weather: 70's F / OVERCAST

Depth Interval (ft bgs)	PID (ppm)	VOCs	SVOCs	TAL Metals	PCBs/ Pesticides	TCLP		Description of Material
0-2'	0.0							0-1' GRASS AND ORGANICS, 1-2' TOPSOILS, GRAVELS AND LOOSE SOILS; ENCOUNTERED A 2 IN STEEL PIPE ALONG WESTERN WALL WITH A 3/4 IN PIPE IMMEDIATELY ADJACENT

NOTES: EXCAVATED MATERIAL FROM EXTERIOR OF THE STRUCTURE, TEST PIT EXTENDED APPROXIMATELY 12 FT ALONG STRUCTURE EASTERN WALL; TOPSOIL AND SOME GRAVEL; PIPING EXTENDED BEYON THE LIMITS OF THE TEST PIT AND APPEARED TO RUN TOWARD THE POND TO THE NORTH AND TO THE BUILDING TO THE SOUTH; 3/4 IN LINE WAS LIKELY A FORMER ELECTRICAL CONDUIT THAT MAY HAVE OPERATED A SUCTION PUMP IN THE POND FOR PROCESS WATER.

Logged by: rsc **Date:** 27-Jul-12

Sample Interval: **Time:**

EA Engineering, P.C.
EA Science and Technology

LOG OF TEST PIT

Coordinates:
Surface Elevation:
Reference Elevation:
Reference Description:

Job. No.	Client:	Location
14947.01	Project: Elmira	Elmira, New York

Sampling Location Description: INVESTIGATING FORMER OS3 AREA

Location ID: TP-11

Sheet 1 of 1

Sample Method: NA

Depth of Test Pit: 7 FT

Depth to Bedrock (ft bgs): NA

Groundwater Encountered (ft bgs): NO

Dispostion of Test Pit: E to W, backfilled/graded

Sampling Date/Time	
Start	Finish
930	1030

Surface Conditions: grass

Weather: 80's F / PARTLY CLOUDY

Depth Interval (ft bgs)	PID (ppm)	VOCs	SVOCs	TAL Metals	PCBs/ Pesticides	TCLP		Description of Material
0-2'	0.0							0-1' GRASS AND ORGANICS, 1-2' TOPSOILS, GRAVELS AND LOOSE SOILS; STRUCTURE WALLS ARE PARTIALLY EXPOSED AT THE GROUND SURFACE
2-4'	0.0							LOOSE SOILS, GRAVEL AND GENERAL FILL MATERIAL
4-7'	0.0							FILL MATERIAL, LOOSE DRY SAND AND GRAVELS, ENTRY OF CLAY PIPE @ 4-5 FT BGS

NOTES: EXCAVATED MATERIAL FROM EXTERIOR OF THE STRUCTURE, TEST PIT EXTENDED APPROXIMATELY 6 FT ALONG SOUTH OF STRUCTURE WALL; IDENTIFIED ENTRY PIPE (12 IN CLAY PIPE) ON WESTERN SIDE OF SOUTHERN WALL AT APPROXIMATELY 4-5 FT BGS.

Logged by: rsc **Date:** 27-Jul-12

Sample Interval: **Time:**

EA Engineering, P.C.
EA Science and Technology

LOG OF TEST PIT

Coordinates:
Surface Elevation:
Reference Elevation:
Reference Description:

Job. No.	Client:	Location
14947.01	Project: Elmira	Elmira, New York

Sampling Location Description: INVESTIGATING OS2 AREA

Location ID: TP-12

Sheet 1 of 1

Sample Method: NA

Depth of Test Pit: 11 FT

Depth to Bedrock (ft bgs): NA

Groundwater Encountered (ft bgs): NO

Dispostion of Test Pit: E to W, backfilled/graded

Sampling Date/Time	
Start	Finish
1430	1600

Surface Conditions: grass

Weather: 80's F / SUNNY

Depth Interval (ft bgs)	PID (ppm)	VOCs	SVOCs	TAL Metals	PCBs/ Pesticides	TCLP & PCBs		Description of Material
0-2'	0.0							0-1' GRASS AND ORGANICS, 1-2' TOPSOILS, GRAVELS AND LOOSE SOILS; IDENTIFIED TOP OF OS2 BEGAN TEST PIT DEPTH ON NORTHERN SIDE WALL
2-4'	0.0							NOTABLE BLACK STAINING OBSERVED AT ~2 FT BGS UNTIL ~4 FT BGS, HISTORICAL COAL/FLY ASH; FILL MATERIAL (BRICKS), LOOSE SANDS AND COBBLES TO 4 FT BGS
4-8'	0.0							LOOSE SAND, COBBLES WITH SOME SLAG ASH AND FRAGMENTS (4 IN PIPE UNCOVERED AT ~4 FT BGS - NO CONNECTION INTO OS2)
8-11'	0.0							LOOSE SAND, COBBLES WITH SOME SLAG ASH AND FRAGMENTS, GW ENCOUNTERED AT APPROXIMATELY 11 FT BGS

NOTES: EXCAVATED MATERIAL FROM EXTERIOR OF THE OS2 STRUCTURE, TEST PIT EXTENDED APPROXIMATELY 35 FT ALONG NORTH SIDE OF STRUCTURE WALL; SOILS WERE VERY LOOSE,TWO CONCRETE BLOCK STRUCTURES OBSERVED AT 2 FT BGS NEARER EASTERN END OF OS2; ONE 3 IN. STEEL PIPE ENTERS OS2 AT 22 FT FROM WESTERN END OF OS2 ~ 1 FT BELOW A CONCRETE BLOCK.

Logged by: rsc

Date: 27-Jul-12

Sample Interval: composite sample from stockpile (0-11 FT)

Time: 1315

EA Engineering, P.C.
EA Science and Technology

LOG OF TEST PIT

Coordinates:
Surface Elevation:
Reference Elevation:
Reference Description:

Job. No.	Client:	Location
14947.01	Unisys	Elmira, New York
	Project: Elmira	

Sampling Location Description: INVESTIGATING OS2 AREA

Location ID: TP-13

Sheet 1 of 1

Sample Method: NA

Depth of Test Pit: 9.5 FT

Depth to Bedrock (ft bgs): NA

Groundwater Encountered (ft bgs): NO

Dispostion of Test Pit: N to S, backfilled/graded

Sampling Date/Time	
Start	Finish
820	910

Surface Conditions: grass

Weather: 80's F / SUNNY

Depth Interval (ft bgs)	PID (ppm)	VOCs	SVOCs	TAL Metals	PCBs/ Pesticides	TCLP & PCBs		Description of Material
0-2'	0.0							0-1' GRASS AND ORGANICS, 1-2' TOPSOILS, GRAVELS AND LOOSE SOILS; IDENTIFIED NW CORNER OF OS2
2-4'	0.0							SOME HISTORICAL COAL/FLY ASH; FILL MATERIAL (BRICKS), LOOSE SANDS AND COBBLES TO 4 FT BGS
4-6'	0.0					X		LOOSE SAND, COBBLES WITH SOME SLAG ASH AND FRAGMENTS
6-9.5'	0.0							LOOSE SAND, COBBLES WITH SOME SLAG ASH AND FRAGMENTS, GW ENCOUNTERED AT APPROXIMATELY 8.5 FT BGS

NOTES: EXCAVATED MATERIAL FROM THE EXTERIOR OF THE STRUCTURE, TEST PIT EXTENDED APPROXIMATELY 10 FT ALONG WEST SIDE OF OS2; COLLECTED COMPOSITIE SOIL SAMPLE FOR WASTE CHARACTERIZATION;

Logged by: rsc

Date: 30-Jul-12

Sample Interval: composite sample from stockpile (0-9.5 FT)

Time: 930

EA Engineering, P.C.
EA Science and Technology

LOG OF TEST PIT

Coordinates:
Surface Elevation:
Reference Elevation:
Reference Description:

Job. No.	Client:	Location
14947.01	Project: Elmira	Elmira, New York

Sampling Location Description: INVESTIGATING SITE CULVERT

Location ID: TP-14

Sheet 1 of 1

Sample Method: NA

Depth of Test Pit: 11 FT

Depth to Bedrock (ft bgs): NA

Groundwater Encountered (ft bgs): NO

Dispostion of Test Pit: W to E, backfilled/graded

Sampling Date/Time	
Start	Finish
1015	1110

Surface Conditions: grass

Weather: 80's F / SUNNY

Depth Interval (ft bgs)	PID (ppm)	VOCs	SVOCs	TAL Metals	PCBs/ Pesticides	TCLP		Description of Material
0-2'	0.0							0-1' GRASS AND ORGANICS, 1-2' TOPSOILS, GRAVELS AND LOOSE SOILS;
2-4'	0.0							SOME HISTORICAL COAL/FLY ASH; FILL MATERIAL (BRICKS), LOOSE SANDS AND COBBLES TO 4 FT BGS; IDENTIFIED TOP OF OS2 @ APPROXIMATELY 4.5 FT BGS
4-8'	0.0							LOOSE SAND, COBBLES WITH SOME SLAG ASH AND FRAGMENTS
8-11'	0.0							LOOSE SAND, COBBLES WITH SOME SLAG ASH AND FRAGMENTS, LOOSE BRICKS WERE OBSERVED IN THE EXCAVATION AT 10 - 11 FT BGS; GW ENCOUNTERED AT APPROXIMATELY 8.5 FT BGS

NOTES: EXCAVATED MATERIAL FROM THE EXTERIOR OF THE SITE CULVERT, TEST PIT EXTENDED APPROXIMATELY 8 FT ALONG THE SOUTHERN SIDE OF STRUCTURE; CULVERT EXTERIOR WALL WAS CONSTRUCTED OF LAYERED BRICK WITH A TOP COAT IN SAME FASHION AND VINTAGE AS FOREMR OS3 AND OS1;

Logged by: rsc **Date:** 30-Jul-12

Sample Interval: **Time:**

Test Pits TP-5 & TP-6



TP-5 saw cutting



TP-5 setup excavated W to E



TP-5 top of brick wall



TP-5 interior side of brick wall



TP-6 setup excavated S to N



TP-6 scraping top of brick wall



TP-6 exterior wall exposed



TP-6 exterior wall

Test Pits TP-7, TP-8, & TP-9



TP-7 setup excavated E to W



TP-7 top of wall



TP-7 interior exposed northern and western walls



TP-7 depth of interior excavation ~11 ft bgs

TP-8



TP-8 top of wall exposed



TP-8 exterior wall exposed



TP-8 exterior wall to max depth ~13 ft bgs

TP-9



TP-9 setup E to W



TP-9 exterior of OS3 northern side



TP-9 10-inch clay exit pipe



TP-9 clay pipe northern exterior wall eastern end

Appendix F
Summary of Detected Constituents in Fine-Grained Material

TABLE 7
SUMMARY OF DETECTED CONSTITUENTS IN FINE-GRAINED MATERIAL

Former Sperry Remington - North
Elmira, New York

				Location	CB-7	CB-6	CB-3	CB-9	SSHS-CB-01	SSHS-CB-02	SSHS-CB-24
				Sample Date	5/28/2015	5/28/2015	5/28/2015	5/28/2015	9/1/2016	9/1/2016	9/1/2016
				NYSDEC SGV Class C							
Chemical Group	**Compound**	**Units**	**EQL**								
Inorganics	Sodium	mg/kg	78		600	130J	430J	85J	<92U	<120U	<78U
Lead	Lead	mg/kg	0.37	130>	19	29	860	200F2	310	22	1600
Metals	Aluminum	mg/kg	11		4200	3900	10,000	6000	7700	3800	4700
	Antimony	mg/kg	0.13		<0.13U	0.38J	1.5	4.9J	2F1	<0.3U	<0.99U
	Arsenic	mg/kg	0.61	33>	8.2	4.8	19	12	7.3	2.5	14
	Barium	mg/kg	11		29B	31B	3000B	120J	180F1	34	230
	Beryllium	mg/kg	0.22		0.16J	0.095J	1.2	0.33	0.38	0.18J	0.24
	Cadmium	mg/kg	0.3	5>	0.093J	0.15J	1.8	2.5J	0.29J	0.15J	3.2
	Calcium	mg/kg	280		54,000B	150,000B	28,000B	1500B	31,000F2	8800	4000
	Chromium (III+VI)	mg/kg	0.28	110>	7.6	24	120	290F2	82	10	520
	Cobalt	mg/kg	2.8		3.8	3.8J	25	8.1	7.6	2.9J	6.1
	Copper	mg/kg	1.5	150>	27	56	450	210F2	140	30	3100
	Iron	mg/kg	6.1		14,000B	21,000B	55,000B	29,000B	19,000	9300	36,000
	Magnesium	mg/kg	280		5300	14,000	6900	1300	3500F1	3300	1800
	Manganese	mg/kg	0.84		190	210	550	350J	260	85	250
	Mercury	mg/kg	0.0073	1>	<0.0073U	0.13	0.38	0.066J+	0.05F1	0.13	0.25
	Nickel	mg/kg	2.7	49>	18	17	200	760	170	24	1100
	Potassium	mg/kg	280		410	270J	540J	300	820	460	290
	Selenium	mg/kg	0.34		0.68	0.88	1.2J	0.63	0.37J	<0.34U	0.63
	Silver	mg/kg	0.025	2.2>	<0.027U	<0.025U	0.38J	4.8J	0.14J	<0.14U	5.3
	Thallium	mg/kg	0.089		<0.099U	<0.45U	<0.11U	<0.089U	<0.33U	<0.42U	<1.4U
	Vanadium	mg/kg	2.8		10B	15B	26B	21J	11	5.9	13
	Zinc	mg/kg	1.2	460>	58B	160B	790B	420B	180	55	3800
PAH/Phenols	PAHs (Sum of total)	mg/kg		35>	4.01	156.9	41.73	12.93	0.613	0.329	2.553
Polychlorinated Biphenyls	Arochlor 1248	mg/kg	0.00065		1.2J	<0.00065U	18J	<0.0063U	160B	18J,B,p	2400B
	Arochlor 1254	mg/kg	0.0026		0.49J	0.024J	7.4J	1.1J	<20U	<25U	<17U
	Arochlor 1260	mg/kg	0.0026		0.095J	0.0045J	1J	0.55J	<19U	<24U	-
	Total PCBs	mg/kg		1>	1.785	0.0285	26.4	1.65	160	18	2400

TABLE 7
SUMMARY OF DETECTED CONSTITUENTS IN FINE-GRAINED MATERIAL

Former Sperry Remington - North
Elmira, New York

				Location	CB-7	CB-6	CB-3	CB-9	SSHS-CB-01	SSHS-CB-02	SSHS-CB-24
				Sample Date	5/28/2015	5/28/2015	5/28/2015	5/28/2015	9/1/2016	9/1/2016	9/1/2016
				NYSDEC SGV Class C							
Chemical Group	**Compound**	**Units**	**EQL**								
SVOCs	1,1-Biphenyl	mg/kg	0.012		<0.078U	<0.075U	0.46J	<0.073U,F1	<0.058U	<0.012U	<0.05U
	2-methylnaphthalene	mg/kg	0.012		<0.016U	0.2	0.69	3.1	<0.012U	0.0076J	0.023J
	4-methylphenol	mg/kg	0.055		0.2J	<0.082U	<0.1U	<0.08U,F1	<0.064U	0.022J	<0.055U
	Acenaphthene	mg/kg	0.0026		<0.017U	0.91	0.84	<0.016U,F1	<0.012U	<0.0026U	<0.011U
	Acenaphthylene	mg/kg	0.0032		<0.02U	0.9	0.28J	0.39	<0.015U	<0.0032U	0.075J
	Anthracene	mg/kg	0.0027		<0.017U	5.4	1.1	0.58J	0.015J	<0.0027U	0.057J
	Benz(a)anthracene	mg/kg	0.028		0.22	12	3.2	0.77J	0.058J	0.044	0.24
	Benzo(a) pyrene	mg/kg	0.028		0.28	11	2.6	0.72J	0.05J	0.012J	0.23
	Benzo(b)fluoranthene	mg/kg	0.028		0.37	13	3.2	0.87J	0.066J	0.031	0.38
	Benzo(g,h,i)perylene	mg/kg	0.028		0.32	11	2.5	0.8J	0.065J	0.013J	0.26
	Benzo(k)fluoranthene	mg/kg	0.026		0.14J	5.5	1.2	0.46	<0.026U	0.0057J	0.12
	Bis(2-ethylhexyl) phthalate	mg/kg	0.022	>	<0.14U	2.8	0.68J	0.43J	<0.1U	<0.022U	0.8J
	Butyl benzyl phthalate	mg/kg	0.019		<0.12U	<0.11U	<0.14U	0.3J	<0.089U	<0.019U	<0.077U
	Carbazole	mg/kg	0.0025		<0.016U	2.2	1.1	<0.015U,F1	<0.012U	<0.0025U	<0.01U
	Chrysene	mg/kg	0.028		0.39	13	3.5	0.92J	0.07J	0.095	0.36
	Dibenz(a,h)anthracene	mg/kg	0.0031		<0.02U	2.3	0.61	0.19	<0.014U	<0.0031U	0.061J
	Dibenzofuran	mg/kg	0.014		<0.087U	0.58J	1.1	<0.08U,F1	<0.064U	<0.014U	<0.056U
	Di-n-butyl phthalate	mg/kg	0.017		<0.11U	<0.1U	<0.13U	0.19J	<0.081U	<0.017U	<0.071U
	Fluoranthene	mg/kg	0.028		0.91	33	8.1	1.7	0.089J	0.036	0.15
	Fluorene	mg/kg	0.0036		<0.023U	1.6	0.75	0.88J	<0.017U	<0.0036U	<0.015U
	Indeno(1,2,3-c,d)pyrene	mg/kg	0.028		0.26	9	1.9	0.65J	0.06J	0.0093J	0.2
	Naphthalene	mg/kg	0.0097		<0.015U	0.17	0.59	0.5J	<0.011U	0.012J	<0.0097U
	Phenanthrene	mg/kg	0.0044		0.51	19	6.9	1.8	0.054J	<0.0044U	0.11
	Pyrene	mg/kg	0.028		0.61	20	5.3	1.7	0.086J	0.071	0.31

SGV - Sediment Guidence Value(NYSDEC. 2014, Screening and Assessment of Contaminated Sediment. Division of Fish, Wildlife and Marine Resources. Bureau of Habitat. June 24, 2014.)

TABLE 5
COC CONCENTRATIONS IN EHS AND STCC CATCH BASINS

Former Sperry Remington Site
Elmira, New York

					Location	CB-1	CB-4	CB-5	CB-6	CB-6	CB-9	CB-10	CB-11	CB-15	CB-15
					Field_ID	CB-1_07-24-12	CB-4	CB-5	CB-6	CB-DUP-01	CB-9	CB-10	CB-11	CB-15_01_111617	CB-15_02_111617
					Sample Date	7/24/2012	5/28/2015	5/28/2015	5/28/2015	5/28/2015	5/28/2015	5/28/2015	5/28/2015	11/16/2017	11/16/2017
					Depth Interval (ft bgs)	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-0.17	0.17-0.83
Analyte Group	**Constituent of Concern**	**Units**	**EQL**	**NYS Hazrdous Waste**											
Polychlorinated Biphenyls	Arochlor 1016	mg/kg	0.00053			<0U	<0.0028U	<0.00053U	<0.033U	<0.034U	<0.0052U	<0.0007U	<0.003U	<0.048U	<0.28U
	Arochlor 1221	mg/kg	0.00065			<0U	<0.0034U	<0.00065U	<0.041U	<0.042U	<0.0063U	<0.00086U	<0.0036U	<0.096U	<0.55U
	Arochlor 1232	mg/kg	0.0009			<0U	<0.0048U	<0.0009U	<0.056U	<0.057U	<0.0088U	<0.0012U	<0.005U	<0.087U	<0.51U
	Arochlor 1242	mg/kg	0.00066			<0U	<0.0035U	<0.00066U	<0.041U	<0.042U	<0.0064U	<0.00087U	<0.0037U	<0.088U	<0.51U
	Arochlor 1248	mg/kg	0.00065			<0U	1.2J	<0.00065U	18J	12J	<0.0063U	<0.00086U	<0.0036U	36	190
	Arochlor 1254	mg/kg	0.0026			0.65	0.49J	0.024J	7.4J	6J	1.1J	0.24J	0.32J	<0.1U	<0.58U
	Arochlor 1260	mg/kg	0.0026			<0U	0.095J	0.0045J	1J	0.85J	0.55J	0.067J	0.12J	<0.042U	<0.24U
	Arochlor 1268	mg/kg	0.00053			<0U	<0.0028U	<0.00053U	<0.033U	<0.033U	<0.0051U	<0.00069U	<0.0029U	<0.072U	<0.42U
	Arochlor 1262	mg/kg	0.00096			<0U	<0.0051U	<0.00096U	<0.06U	<0.061U	<0.0094U	<0.0013U	<0.0054U	<0.1U	<0.6U
	Total PCBs	mg/kg		50		0.65	1.785	0.0285	26.4	18.85	1.65	0.307	0.44	36	190
Metals	Aluminum	mg/kg	11			8100B	4200	3900	10,000	10,000	6000	9200	5800	5100F2	8200
	Antimony	mg/kg	0.13			2B	<0.13U	0.38J	1.5	2.2	4.9J	0.73J	3.5	1.4J	2.9
	Arsenic	mg/kg	0.56			24	8.2	4.8	19	22	12	15	27	20	33
	Barium	mg/kg	11			130B	29B	31B	3000B	3000B	120J	140B	240B	96	280
	Beryllium	mg/kg	0.22			0.55B	0.16J	0.095J	1.2	1	0.33	0.54	0.37	0.4J	1.2
	Cadmium	mg/kg	0.28			2.2	0.093J	0.15J	1.8	2.2	2.5J	2.8	16	3.8F1	2.1
	Calcium	mg/kg	280			46,000B	54,000B	150,000B	28,000B	23,000B	1500B	26,000B	4000B	9700F1	14,000
	Chromium (III+VI)	mg/kg	0.28			66	7.6	24	120	140	290F2	26	210	44	200
	Cobalt	mg/kg	2.8			14	3.8	3.8J	25	30	8.1	13	14	6.3J	15
	Copper	mg/kg	1.4			240	27	56	450	550	210F2	120	250	180F2	610
	Iron	mg/kg	5.6			30,000B	14,000B	21,000B	55,000B	72,000B	29,000B	29,000B	88,000B	38,000F2	41,000
	Lead	mg/kg	0.66			140	19	29	860	630	200F2	94	380	99F1,F2	360
	Magnesium	mg/kg	280			17,000B	5300	14,000	6900	2800	1300	2700	2400	1700	2700
	Manganese	mg/kg	0.84			420	190	210	550	560	350J	450	410	130F1	230
	Mercury	mg/kg	0.0073			0.057	<0.0073U	0.13	0.38	0.24	0.066J+	0.082	0.11	0.2	1.1
	Nickel	mg/kg	2.2			43	18	17	200	210	760	37	270	100F1	420
	Potassium	mg/kg	280			780	410	270J	540J	370J	300	710	500	600J	710
	Selenium	mg/kg	0.34			0.95	0.68	0.88	1.2J	1.6	0.63	1.4	1.8	2.3	3.6
	Silver	mg/kg	0.025			<0U	<0.027U	<0.025U	0.38J	0.61	4.8J	0.067J	0.26J	1.3	6.7
	Sodium	mg/kg	78			23J	600	130J	430J	450	85J	250J	190J	410J	320J
	Thallium	mg/kg	0.089			<0U	<0.099U	<0.45U	<0.11U	<0.12U	<0.089U	<0.12U	0.15J	<0.36U	<0.22U
	Vanadium	mg/kg	2.8			24	10B	15B	26B	34B	21J	18B	29B	11	30
	Zinc	mg/kg	1.2			1100B	58B	160B	790B	970B	420B	460B	880B	510	1000

TABLE 5
COC CONCENTRATIONS IN EHS AND STCC CATCH BASINS

Former Sperry Remington Site
Elmira, New York

					Location	CB-1	CB-4	CB-5	CB-6	CB-6	CB-9	CB-10	CB-11	CB-15	CB-15
					Field_ID	CB-1_07-24-12	CB-4	CB-5	CB-6	CB-DUP-01	CB-9	CB-10	CB-11	CB-15_01_111617	CB-15_02_111617
					Sample Date	7/24/2012	5/28/2015	5/28/2015	5/28/2015	5/28/2015	5/28/2015	5/28/2015	5/28/2015	11/16/2017	11/16/2017
					Depth Interval (ft bgs)	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-0.17	0.17-0.83
Analyte Group	**Constituent of Concern**	**Units**	**EQL**	**NYS Hazrdous Waste**											
SVOCs	1,1-Biphenyl	mg/kg	0.012		<0U	<0.078U	<0.075U	0.46J	0.64J	<0.073U,F1	<0.098U	<0.33U	<0.46U	0.72J
	1,2,4,5-tetrachlorobenzene	mg/kg	0.01		<0U	<0.067U	<0.064U	<0.079U	<0.08U	<0.062U	<0.083U	<0.28U	<0.42U	<0.4U
	1,4-Dioxane	mg/kg	0.016		-	<0.1U	<0.096U	<0.12U	<0.12U	<0.093U	<0.13U	<0.43U	<0.88U	<0.83U
	2,3,4,6-tetrachlorophenol	mg/kg	0.0089		<0U	<0.057U	<0.054U	<0.067U	<0.068U	-	<0.07U	<0.24U	<0.47U	<0.44U
	2,4,5-trichlorophenol	mg/kg	0.015		<0U	<0.094U	<0.089U	<0.11U	<0.11U	-	<0.12U	<0.4U	<0.56U	<0.52U
	2,4,6-trichlorophenol	mg/kg	0.021		<0U	<0.13U	<0.13U	<0.16U	<0.16U	-	<0.16U	<0.56U	<0.51U	<0.48U
	2,4-dichlorophenol	mg/kg	0.0028		<0U	<0.018U	<0.017U	<0.021U	<0.021U	-	<0.022U	<0.074U	<0.48U	<0.45U
	2,4-dimethylphenol	mg/kg	0.022		<0U	<0.14U	<0.13U	<0.16U	<0.17U	<0.13U,F1	<0.17U	<0.58U	<0.45U	<0.43U
	2,4-dinitrophenol	mg/kg	0.16		<0U	<1U	<1U	<1.2U	<1.3U	<0.97U	<1.3U	<4.4U	<12U	<11U
	2,4-Dinitrotoluene	mg/kg	0.011		<0U	<0.071U	<0.068U	<0.084U	<0.085U	-	<0.088U	<0.3U	<0.77U	<0.73U
	2,6-dinitrotoluene	mg/kg	0.014		<0U	<0.091U	<0.086U	<0.11U	<0.11U	<0.084U,F1	<0.11U	<0.38U	<0.41U	<0.38U
	2-chloronaphthalene	mg/kg	0.0029		<0U	<0.018U	<0.017U	<0.022U	<0.022U	-	<0.023U	<0.077U	<0.38U	<0.36U
	2-chlorophenol	mg/kg	0.011		<0U	<0.072U	<0.069U	<0.085U	<0.087U	<0.067U	<0.089U	<0.3U	<0.42U	<0.4U
	2-methylnaphthalene	mg/kg	0.012		<0U	<0.016U	0.2	0.69	0.9	3.1	0.2J	0.47J	<0.45U	2.8
	2-methylphenol	mg/kg	0.0096		<0U	<0.061U	<0.059U	<0.073U	<0.074U	<0.057U	<0.076U	<0.26U	<0.52U	<0.49U
	2-nitroaniline	mg/kg	0.062		<0U	<0.39U	<0.38U	<0.47U	<0.47U	-	<0.49U	<1.7U	<2U	<1.9U
	2-nitrophenol	mg/kg	0.015		<0U	<0.097U	<0.092U	<0.11U	<0.12U	<0.09U,F2	<0.12U	<0.41U	<0.43U	<0.4U
	3,3-Dichlorobenzidine	mg/kg	0.015		<0U	<0.093U	<0.089U	<0.11U	<0.11U	-	<0.12U	<0.39U	<2.4U	<2.3U
	3-nitroaniline	mg/kg	0.057		<0U	<0.36U	<0.35U	<0.43U	<0.44U	-	<0.45U	<1.5U	<1.7U	<1.6U
	4,6-Dinitro-2-methylphenol	mg/kg	0.055		<0U	<0.35U	<0.34U	<0.42U	<0.43U	-	<0.44U	<1.5U	<21U	<20U
	4-bromophenyl phenyl ether	mg/kg	0.012		<0U	<0.077U	<0.073U	<0.091U	<0.092U	-	<0.095U	<0.32U	<0.56U	<0.53U
	4-chloro-3-methylphenol	mg/kg	0.013		<0U	<0.081U	<0.077U	<0.096U	<0.097U	-	<0.1U	<0.34U	<0.61U	<0.58U
	4-chloroaniline	mg/kg	0.011		<0U	<0.07U	<0.067U	<0.083U	<0.085U	-	<0.088U	<0.3U	<0.33U	<0.31U
	4-chlorophenyl phenyl ether	mg/kg	0.015		<0U	<0.098U	<0.093U	<0.12U	<0.12U	<0.09U,F1,F2	<0.12U	<0.41U	<0.42U	<0.4U
	4-methylphenol	mg/kg	0.055		<0U	0.2J	<0.082U	<0.1U	<0.1U	<0.08U,F1	0.22J	<0.36U	<0.52U	<0.49U
	4-nitroaniline	mg/kg	0.056		<0U	<0.36U	<0.34U	<0.42U	<0.43U	-	<0.44U	<1.5U	<2.1U	<2U
	4-nitrophenol	mg/kg	0.05		<0U	<0.32U	<0.31U	<0.38U	<0.39U	-	<0.4U	<1.4U	<6.1U	<5.8U
	Acenaphthene	mg/kg	0.0026		<0U	<0.017U	0.91	0.84	0.69	<0.016U,F1	0.15J	0.84	<0.39U	9.2
	Acenaphthylene	mg/kg	0.0032		0.41J	<0.02U	0.9	0.28J	0.57J	0.39	0.44	0.49J	0.75J	2.6
	Acetophenone	mg/kg	0.011		<0U	<0.072U	<0.069U	<0.086U	<0.087U	<0.067U,F1	<0.09U	<0.3U	1.8J	<0.38U
	Anthracene	mg/kg	0.0027		0.51J	<0.017U	5.4	1.1	1	0.58J	0.82	2	1.3	19
	Atrazine	mg/kg	0.013		<0UJ	<0.086U	<0.082U	<0.1U	<0.1U	<0.079U,F1	<0.11U	<0.36U	<0.81U	<0.76U
	Benz(a)anthracene	mg/kg	0.028		1.9J	0.22	12	3.2	2.5	0.77J	1.4	3.2	3.9	38
	Benzaldehyde	mg/kg	0.021		<0U	<0.13UJ	<0.13UJ	<0.16UJ	<0.16UJ	<0.12UJ	<0.16UJ	<0.56UJ	<0.38U	<0.36U
	Benzo(a) pyrene	mg/kg	0.028		1.9J	0.28	11	2.6	2.4	0.72J	1.1	2.5	3.3	27
	Benzo(b)fluoranthene	mg/kg	0.028		2.7	0.37	13	3.2	2.9	0.87J	1.3	3.5	4.5	35
	Benzo(g,h,i)perylene	mg/kg	0.028		2J	0.32	11	2.5	2.5	0.8J	1	2.4	2.8	20
	Benzo(k)fluoranthene	mg/kg	0.026		<0U	0.14J	5.5	1.2	1.2	0.46	0.59	0.79	1J	14

TABLE 5
COC CONCENTRATIONS IN EHS AND STCC CATCH BASINS

Former Sperry Remington Site
Elmira, New York

					Location	CB-1	CB-4	CB-5	CB-6	CB-6	CB-9	CB-10	CB-11	CB-15	CB-15
					Field_ID	CB-1_07-24-12	CB-4	CB-5	CB-6	CB-DUP-01	CB-9	CB-10	CB-11	CB-15_01_111617	CB-15_02_111617
					Sample Date	7/24/2012	5/28/2015	5/28/2015	5/28/2015	5/28/2015	5/28/2015	5/28/2015	5/28/2015	11/16/2017	11/16/2017
					Depth Interval (ft bgs)	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-0.17	0.17-0.83
Analyte Group	**Constituent of Concern**	**Units**	**EQL**	**NYS Hazrdous Waste**											
SVOCs	Bis(2-chloroethoxy) methane	mg/kg	0.0091			<0U	<0.058U	<0.055U	<0.069U	<0.07U	<0.054U,F1	<0.072U	<0.24U	<0.34U	<0.32U
	Bis(2-chloroethyl)ether	mg/kg	0.0037			<0U	<0.024U	<0.022U	<0.028U	<0.028U	<0.022U	<0.029U	<0.1U	<0.35U	<0.33U
	Bis(2-chloroisopropyl) ether	mg/kg	0.003			<0U	<0.019U	<0.018U	<0.022U	<0.023U	<0.018U	<0.024U	<0.08U	<0.38U	<0.36U
	Bis(2-ethylhexyl) phthalate	mg/kg	0.022			<0U	<0.14U	2.8	0.68J	0.31J	0.43J	<0.18U	<0.6U	<3.9U	<3.7U
	Butyl benzyl phthalate	mg/kg	0.019			<0U	<0.12U	<0.11U	<0.14U	<0.14U	0.3J	<0.15U	<0.51U	<4.3U	<4.1U
	Caprolactam	mg/kg	0.1			<0U	<0.66U	<0.63U	<0.79U	<0.8U	<0.61U	<0.83U	<2.8U	<2.8U	<2.6U
	Carbazole	mg/kg	0.0025			<0U	<0.016U	2.2	1.1	0.87	<0.015U,F1	0.32	0.87	<0.5U	16
	Chrysene	mg/kg	0.028			1.7J	0.39	13	3.5	2.9	0.92J	1.4	3.2	3.4	40
	Dibenz(a,h)anthracene	mg/kg	0.0031			0.24J	<0.02U	2.3	0.61	0.53	0.19	0.26	0.63J	<0.48U	6.5
	Dibenzofuran	mg/kg	0.014			<0U	<0.087U	0.58J	1.1	1.2	<0.08U,F1	0.17J	0.62J	<0.47U	5.8
	Diethylphthalate	mg/kg	0.015			<0U	<0.096U	<0.091U	<0.11U	<0.12U	<0.089U,F1,F2	<0.12U	<0.41U	0.75J,B	<0.49U
	Dimethyl phthalate	mg/kg	0.015			<0U	<0.096U	<0.091U	<0.11U	<0.12U	<0.089U,F1,F2	<0.12U	<0.4U	<0.41U	<0.38U
	Di-n-butyl phthalate	mg/kg	0.017			<0U	<0.11U	<0.1U	<0.13U	<0.13U	0.19J	<0.14U	<0.46U	<0.46U	<0.44U
	Di-n-octyl phthalate	mg/kg	0.015			<0U	<0.093U	<0.088U	<0.11U	<0.11U	<0.086U,F1	<0.12U	<0.39U	<0.69U	<0.65U
	Fluoranthene	mg/kg	0.028			3.1	0.91	33	8.1	6.8	1.7	3.2	7	7.8	110
	Fluorene	mg/kg	0.0036			<0U	<0.023U	1.6	0.75	0.7	0.88J	0.36	1	0.5J	9.2
	Hexachlorobenzene	mg/kg	0.0029			<0U	<0.019UJ	<0.018UJ	<0.022UJ	<0.023UJ	<0.017UJ	<0.023UJ	<0.079UJ	<0.47U	<0.44U
	Hexachlorobutadiene	mg/kg	0.0031			<0U	<0.02UJ	<0.019UJ	<0.023UJ	<0.024UJ	<0.018UJ	<0.024UJ	<0.083UJ	<0.37U	<0.35U
	Hexachlorocyclopentadiene	mg/kg	0.015			<0U	<0.095U	<0.09U	<0.11U	<0.11U	-	<0.12U	<0.4U	<0.5U	<0.47U
	Hexachloroethane	mg/kg	0.0099			<0U	<0.063U	<0.06U	<0.075U	<0.076U	-	<0.079U	<0.27U	<0.42U	<0.4U
	Indeno(1,2,3-c,d)pyrene	mg/kg	0.028			1.5J	0.26	9	1.9	2	0.65J	0.87	2	2.6	19
	Isophorone	mg/kg	0.01			<0U	<0.066U	<0.063U	<0.079U	<0.08U	<0.061U,F1	<0.083U	<0.28U	<0.32U	<0.31U
	Naphthalene	mg/kg	0.0097			<0U	<0.015U	0.17	0.59	0.61	0.5J	0.21J	0.73J	<0.42U	7.2
	Nitrobenzene	mg/kg	0.011			<0U	<0.073U	<0.07U	<0.087U	<0.088U	<0.068U,F1	<0.091U	<0.31U	<0.45U	<0.42U
	N-nitrosodi-n-propylamine	mg/kg	0.0032			<0U	<0.021U	<0.02U	<0.024U	<0.025U	<0.019U,F1	<0.026U	<0.087U	<0.4U	<0.37U
	n-Nitrosodiphenylamine	mg/kg	0.013			<0U	<0.081U	<0.078U	<0.096U	<0.098U	-	<0.1U	<0.34U	<0.92U	<0.87U
	Pentachlorophenol	mg/kg	0.012			<0U	<0.079U	<0.075U	<0.093U	<0.095U	-	<0.098U	<0.33U	<11U	<10U
	Phenanthrene	mg/kg	0.0044			1.6J	0.51	19	6.9	5.1	1.8	2.2	5.6	3.9	94
	Phenol	mg/kg	0.0033			<0U	<0.021U	<0.02U	<0.025U	<0.025U	<0.019U	<0.026U	<0.088U	<0.79U	<0.75U
	Pyrene	mg/kg	0.028			2.4	0.61	20	5.3	4	1.7	2	4.1	6.2	76

Notes

1. Analytes with no detections are not shown. See analytical reports for complete results.

mg/kg milligrams per kilogram

U Non-Detect

F1 MS and/or MSD Recovery is outside acceptance limits.

F2 MS/MSD RPD exceeds control limits

B Compound was found in the blank and sample.

Total PCB concentrations detected above New York State hazardous waste threshold (6 NYCRR Part 371.4 (e)) are presented in dark grey

Appendix G
Laboratory Reports for Grab Samples Collected during EHS Stormwater Sewer Installation

Project Name: ELMIRA CAPITAL IMPROVEMENTS
Lab Number: L1725836
Project Number: 28014
Report Date: 07/28/17

SAMPLE RESULTS

Lab ID: L1725836-01
Client ID: EHS-REUSE 2
Sample Location: ELMIRA, NY

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/27/17 19:18
Analyst: PS
Percent Solids: 90%

Date Collected: 07/26/17 13:45
Date Received: 07/26/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/27/17 01:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	720		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Fluoranthene	6600		ug/kg	110	21.	1
Naphthalene	140	J	ug/kg	180	22.	1
Benzo(a)anthracene	2600		ug/kg	110	21.	1
Benzo(a)pyrene	2600		ug/kg	150	45.	1
Benzo(b)fluoranthene	2900		ug/kg	110	31.	1
Benzo(k)fluoranthene	1000		ug/kg	110	30.	1
Chrysene	2400		ug/kg	110	19.	1
Acenaphthylene	43	J	ug/kg	150	28.	1
Anthracene	1700		ug/kg	110	36.	1
Benzo(ghi)perylene	1600		ug/kg	150	22.	1
Fluorene	680		ug/kg	180	18.	1
Phenanthrene	6000		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	370		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	1700		ug/kg	150	26.	1
Pyrene	5900		ug/kg	110	18.	1
Dibenzofuran	370		ug/kg	180	17.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: ELMIRA CAPITAL IMPROVEMENTS **Lab Number:** L1725836

Project Number: 28014 **Report Date:** 07/28/17

SAMPLE RESULTS

Lab ID: L1725836-01 Date Collected: 07/26/17 13:45

Client ID: EHS-REUSE 2 Date Received: 07/26/17

Sample Location: ELMIRA, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	79		18-120

Project Name: ELMIRA CAPITAL IMPROVEMENTS
Project Number: 28014
Lab Number: L1725836
Report Date: 07/28/17

SAMPLE RESULTS

Lab ID: L1725836-01
Client ID: EHS-REUSE 2
Sample Location: ELMIRA, NY

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/28/17 03:22
Analyst: HT
Percent Solids: 90%

Date Collected: 07/26/17 13:45
Date Received: 07/26/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/27/17 02:01
Cleanup Method: EPA 3665A
Cleanup Date: 07/27/17
Cleanup Method: EPA 3660B
Cleanup Date: 07/27/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.7	4.16	1	A
Aroclor 1221	ND		ug/kg	36.7	5.58	1	A
Aroclor 1232	ND		ug/kg	36.7	3.61	1	A
Aroclor 1242	ND		ug/kg	36.7	4.49	1	A
Aroclor 1248	184		ug/kg	36.7	4.11	1	B
Aroclor 1254	ND		ug/kg	36.7	2.99	1	A
Aroclor 1260	17.3	J	ug/kg	36.7	3.83	1	B
Aroclor 1262	ND		ug/kg	36.7	3.01	1	A
Aroclor 1268	ND		ug/kg	36.7	2.60	1	A
PCBs, Total	201	J	ug/kg	36.7	3.83	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: ELMIRA CAPITAL IMPROVEMENTS
Project Number: 28014
Lab Number: L1725836
Report Date: 07/28/17

SAMPLE RESULTS

Lab ID: L1725836-01
Client ID: EHS-REUSE 2
Sample Location: ELMIRA, NY

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/27/17 12:23
Analyst: KEG
Percent Solids: 90%

Date Collected: 07/26/17 13:45
Date Received: 07/26/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/27/17 01:36
Cleanup Method: EPA 3620B
Cleanup Date: 07/27/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.337	1	A
Lindane	ND		ug/kg	0.718	0.321	1	A
Alpha-BHC	ND		ug/kg	0.718	0.204	1	A
Beta-BHC	ND		ug/kg	1.72	0.653	1	A
Heptachlor	ND		ug/kg	0.861	0.386	1	A
Aldrin	ND		ug/kg	1.72	0.606	1	A
Endrin	ND		ug/kg	0.718	0.294	1	A
Dieldrin	1.76	P	ug/kg	1.08	0.538	1	B
4,4'-DDE	ND		ug/kg	1.72	0.398	1	A
4,4'-DDD	1.71	J	ug/kg	1.72	0.614	1	A
4,4'-DDT	4.63		ug/kg	3.23	1.38	1	A
Endosulfan I	ND		ug/kg	1.72	0.407	1	A
Endosulfan II	ND		ug/kg	1.72	0.576	1	A
Endosulfan sulfate	ND		ug/kg	0.718	0.342	1	A
cis-Chlordane	ND		ug/kg	2.15	0.600	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	83		30-150	B
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	103		30-150	A

Project Name: ELMIRA CAPITAL IMPROVEMENTS
Lab Number: L1725836
Project Number: 28014
Report Date: 07/28/17

SAMPLE RESULTS

Lab ID: L1725836-01
Client ID: EHS-REUSE 2
Sample Location: ELMIRA, NY

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/27/17 14:44
Analyst: SL
Percent Solids: 90%
Methylation Date: 07/27/17 08:28

Date Collected: 07/26/17 13:45
Date Received: 07/26/17
Field Prep: Not Specified
Extraction Method: EPA 8151A
Extraction Date: 07/27/17 02:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4,5-TP (Silvex)	ND		ug/kg	184	4.90	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	92		30-150	A
DCAA	88		30-150	B

Project Name: ELMIRA CAPITAL IMPROVEMENTS
Project Number: 28014
Lab Number: L1725836
Report Date: 07/28/17

SAMPLE RESULTS

Lab ID: L1725836-01
Client ID: EHS-REUSE 2
Sample Location: ELMIRA, NY
Matrix: Soil
Percent Solids: 90%

Date Collected: 07/26/17 13:45
Date Received: 07/26/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	6.94		mg/kg	0.436	0.091	1	07/27/17 07:00	07/27/17 14:00	EPA 3050B	1,6010C	AB
Barium, Total	112		mg/kg	0.436	0.076	1	07/27/17 07:00	07/27/17 14:00	EPA 3050B	1,6010C	AB
Beryllium, Total	0.305		mg/kg	0.218	0.014	1	07/27/17 07:00	07/27/17 14:00	EPA 3050B	1,6010C	AB
Cadmium, Total	0.279	J	mg/kg	0.436	0.043	1	07/27/17 07:00	07/27/17 14:00	EPA 3050B	1,6010C	AB
Chromium, Total	10.1		mg/kg	0.436	0.042	1	07/27/17 07:00	07/27/17 14:00	EPA 3050B	1,6010C	AB
Copper, Total	61.5		mg/kg	0.436	0.112	1	07/27/17 07:00	07/27/17 14:00	EPA 3050B	1,6010C	AB
Lead, Total	123		mg/kg	2.18	0.117	1	07/27/17 07:00	07/27/17 14:00	EPA 3050B	1,6010C	AB
Manganese, Total	304		mg/kg	0.436	0.069	1	07/27/17 07:00	07/27/17 14:00	EPA 3050B	1,6010C	AB
Mercury, Total	0.07	J	mg/kg	0.07	0.02	1	07/27/17 07:30	07/27/17 13:46	EPA 7471B	1,7471B	MG
Nickel, Total	33.4		mg/kg	1.09	0.106	1	07/27/17 07:00	07/27/17 14:00	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	0.873	0.112	1	07/27/17 07:00	07/27/17 14:00	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.436	0.123	1	07/27/17 07:00	07/27/17 14:00	EPA 3050B	1,6010C	AB
Zinc, Total	153		mg/kg	2.18	0.128	1	07/27/17 07:00	07/27/17 14:00	EPA 3050B	1,6010C	AB
General Chemistry - Mansfield Lab											
Chromium, Trivalent	10		mg/kg	0.89	0.89	1		07/27/17 14:00	NA	107,-	

Project Name: ELMIRA CAPITAL IMPROVEMENTS
Project Number: 28014
Lab Number: L1725836
Report Date: 07/28/17

SAMPLE RESULTS

Lab ID: L1725836-01
Client ID: EHS-REUSE 2
Sample Location: ELMIRA, NY
Matrix: Soil

Date Collected: 07/26/17 13:45
Date Received: 07/26/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.6		%	0.100	NA	1	-	07/27/17 05:09	121,2540G	DM
Cyanide, Total	1.5		mg/kg	1.1	0.23	1	07/27/17 11:00	07/27/17 14:19	1,9010C/9012B	LK
Chromium, Hexavalent	ND		mg/kg	0.89	0.18	1	07/27/17 04:35	07/27/17 11:38	1,7196A	NH

Project Name: ELMIRA CAPITAL IMPROVEMENTS
Project Number: 28014
Lab Number: L1725836
Report Date: 07/28/17

SAMPLE RESULTS

Lab ID: L1725836-02
Client ID: EHS-REUSE 3
Sample Location: ELMIRA, NY

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/27/17 19:46
Analyst: PS
Percent Solids: 90%

Date Collected: 07/26/17 14:00
Date Received: 07/26/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/27/17 01:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	40	J	ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Fluoranthene	1700		ug/kg	110	21.	1
Naphthalene	28	J	ug/kg	180	22.	1
Benzo(a)anthracene	680		ug/kg	110	21.	1
Benzo(a)pyrene	720		ug/kg	150	45.	1
Benzo(b)fluoranthene	1000		ug/kg	110	31.	1
Benzo(k)fluoranthene	330		ug/kg	110	30.	1
Chrysene	710		ug/kg	110	19.	1
Acenaphthylene	31	J	ug/kg	150	29.	1
Anthracene	170		ug/kg	110	36.	1
Benzo(ghi)perylene	500		ug/kg	150	22.	1
Fluorene	44	J	ug/kg	180	18.	1
Phenanthrene	800		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	120		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	560		ug/kg	150	26.	1
Pyrene	1300		ug/kg	110	18.	1
Dibenzofuran	28	J	ug/kg	180	18.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: ELMIRA CAPITAL IMPROVEMENTS **Lab Number:** L1725836

Project Number: 28014 **Report Date:** 07/28/17

SAMPLE RESULTS

Lab ID: L1725836-02 Date Collected: 07/26/17 14:00

Client ID: EHS-REUSE 3 Date Received: 07/26/17

Sample Location: ELMIRA, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	93		25-120
Phenol-d6	96		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	97		10-136
4-Terphenyl-d14	88		18-120

Project Name: ELMIRA CAPITAL IMPROVEMENTS
Lab Number: L1725836
Project Number: 28014
Report Date: 07/28/17

SAMPLE RESULTS

Lab ID: L1725836-02
Client ID: EHS-REUSE 3
Sample Location: ELMIRA, NY

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/28/17 03:36
Analyst: HT
Percent Solids: 90%

Date Collected: 07/26/17 14:00
Date Received: 07/26/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/27/17 02:01
Cleanup Method: EPA 3665A
Cleanup Date: 07/27/17
Cleanup Method: EPA 3660B
Cleanup Date: 07/27/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.1	4.10	1	A
Aroclor 1221	ND		ug/kg	36.1	5.50	1	A
Aroclor 1232	ND		ug/kg	36.1	3.56	1	A
Aroclor 1242	ND		ug/kg	36.1	4.42	1	A
Aroclor 1248	19.3	J	ug/kg	36.1	4.05	1	B
Aroclor 1254	16.0	J	ug/kg	36.1	2.95	1	A
Aroclor 1260	3.99	J	ug/kg	36.1	3.77	1	B
Aroclor 1262	ND		ug/kg	36.1	2.97	1	A
Aroclor 1268	ND		ug/kg	36.1	2.56	1	A
PCBs, Total	39.3	J	ug/kg	36.1	3.77	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: ELMIRA CAPITAL IMPROVEMENTS
Lab Number: L1725836
Project Number: 28014
Report Date: 07/28/17

SAMPLE RESULTS

Lab ID: L1725836-02
Client ID: EHS-REUSE 3
Sample Location: ELMIRA, NY

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/27/17 12:36
Analyst: KEG
Percent Solids: 90%

Date Collected: 07/26/17 14:00
Date Received: 07/26/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/27/17 01:36
Cleanup Method: EPA 3620B
Cleanup Date: 07/27/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.77	0.346	1	A
Lindane	ND		ug/kg	0.737	0.329	1	A
Alpha-BHC	ND		ug/kg	0.737	0.209	1	A
Beta-BHC	ND		ug/kg	1.77	0.671	1	A
Heptachlor	ND		ug/kg	0.884	0.396	1	A
Aldrin	ND		ug/kg	1.77	0.623	1	A
Endrin	ND		ug/kg	0.737	0.302	1	A
Dieldrin	ND		ug/kg	1.10	0.553	1	A
4,4'-DDE	0.465	J	ug/kg	1.77	0.409	1	A
4,4'-DDD	ND		ug/kg	1.77	0.631	1	A
4,4'-DDT	3.06	J	ug/kg	3.32	1.42	1	A
Endosulfan I	ND		ug/kg	1.77	0.418	1	A
Endosulfan II	ND		ug/kg	1.77	0.591	1	A
Endosulfan sulfate	ND		ug/kg	0.737	0.351	1	A
cis-Chlordane	ND		ug/kg	2.21	0.616	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	76		30-150	B
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	71		30-150	A

Project Name: ELMIRA CAPITAL IMPROVEMENTS
Project Number: 28014
Lab Number: L1725836
Report Date: 07/28/17

SAMPLE RESULTS

Lab ID: L1725836-02
Client ID: EHS-REUSE 3
Sample Location: ELMIRA, NY

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/27/17 15:03
Analyst: SL
Percent Solids: 90%
Methylation Date: 07/27/17 08:28

Date Collected: 07/26/17 14:00
Date Received: 07/26/17
Field Prep: Not Specified
Extraction Method: EPA 8151A
Extraction Date: 07/27/17 02:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4,5-TP (Silvex)	ND		ug/kg	183	4.88	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	105		30-150	A
DCAA	101		30-150	B

Project Name: ELMIRA CAPITAL IMPROVEMENTS
Project Number: 28014
Lab Number: L1725836
Report Date: 07/28/17

SAMPLE RESULTS

Lab ID: L1725836-02
Client ID: EHS-REUSE 3
Sample Location: ELMIRA, NY
Matrix: Soil
Percent Solids: 90%

Date Collected: 07/26/17 14:00
Date Received: 07/26/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.89		mg/kg	0.426	0.089	1	07/27/17 07:00	07/27/17 14:04	EPA 3050B	1,6010C	AB
Barium, Total	51.2		mg/kg	0.426	0.074	1	07/27/17 07:00	07/27/17 14:04	EPA 3050B	1,6010C	AB
Beryllium, Total	0.273		mg/kg	0.213	0.014	1	07/27/17 07:00	07/27/17 14:04	EPA 3050B	1,6010C	AB
Cadmium, Total	0.128	J	mg/kg	0.426	0.042	1	07/27/17 07:00	07/27/17 14:04	EPA 3050B	1,6010C	AB
Chromium, Total	8.92		mg/kg	0.426	0.041	1	07/27/17 07:00	07/27/17 14:04	EPA 3050B	1,6010C	AB
Copper, Total	35.4		mg/kg	0.426	0.110	1	07/27/17 07:00	07/27/17 14:04	EPA 3050B	1,6010C	AB
Lead, Total	21.0		mg/kg	2.13	0.114	1	07/27/17 07:00	07/27/17 14:04	EPA 3050B	1,6010C	AB
Manganese, Total	366		mg/kg	0.426	0.068	1	07/27/17 07:00	07/27/17 14:04	EPA 3050B	1,6010C	AB
Mercury, Total	0.03	J	mg/kg	0.07	0.02	1	07/27/17 07:30	07/27/17 13:48	EPA 7471B	1,7471B	MG
Nickel, Total	15.4		mg/kg	1.06	0.103	1	07/27/17 07:00	07/27/17 14:04	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	0.852	0.110	1	07/27/17 07:00	07/27/17 14:04	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.426	0.120	1	07/27/17 07:00	07/27/17 14:04	EPA 3050B	1,6010C	AB
Zinc, Total	48.8		mg/kg	2.13	0.125	1	07/27/17 07:00	07/27/17 14:04	EPA 3050B	1,6010C	AB
General Chemistry - Mansfield Lab											
Chromium, Trivalent	8.9		mg/kg	0.89	0.89	1		07/27/17 14:04	NA	107,-	

Project Name: ELMIRA CAPITAL IMPROVEMENTS
Project Number: 28014

Lab Number: L1725836
Report Date: 07/28/17

SAMPLE RESULTS

Lab ID: L1725836-02
Client ID: EHS-REUSE 3
Sample Location: ELMIRA, NY
Matrix: Soil

Date Collected: 07/26/17 14:00
Date Received: 07/26/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.8		%	0.100	NA	1	-	07/27/17 05:09	121,2540G	DM
Cyanide, Total	2.4		mg/kg	1.1	0.23	1	07/27/17 11:00	07/27/17 14:20	1,9010C/9012B	LK
Chromium, Hexavalent	ND		mg/kg	0.89	0.18	1	07/27/17 04:35	07/27/17 11:39	1,7196A	NH

Project Name: ELMIRA-2017 **Lab Number:** L1727114

Project Number: 28014 **Report Date:** 08/08/17

SAMPLE RESULTS

Lab ID: L1727114-01
Client ID: EHS-REUSE 5
Sample Location: ELMIRA, NY

Date Collected: 08/04/17 07:50
Date Received: 08/04/17
Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/08/17 02:15
Analyst: CBN
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	590	98.	1
1,1-Dichloroethane	ND		ug/kg	89	16.	1
Chloroform	ND		ug/kg	89	22.	1
Carbon tetrachloride	ND		ug/kg	59	20.	1
Tetrachloroethene	ND		ug/kg	59	18.	1
Chlorobenzene	ND		ug/kg	59	20.	1
1,2-Dichloroethane	ND		ug/kg	59	14.	1
1,1,1-Trichloroethane	ND		ug/kg	59	21.	1
Benzene	ND		ug/kg	59	11.	1
Toluene	22	J	ug/kg	89	12.	1
Ethylbenzene	ND		ug/kg	59	10.	1
Vinyl chloride	ND		ug/kg	120	19.	1
1,1-Dichloroethene	ND		ug/kg	59	22.	1
trans-1,2-Dichloroethene	ND		ug/kg	89	14.	1
Trichloroethene	380		ug/kg	59	18.	1
1,2-Dichlorobenzene	ND		ug/kg	300	11.	1
1,3-Dichlorobenzene	ND		ug/kg	300	13.	1
1,4-Dichlorobenzene	ND		ug/kg	300	11.	1
Methyl tert butyl ether	ND		ug/kg	120	9.0	1
p/m-Xylene	22	J	ug/kg	120	21.	1
o-Xylene	ND		ug/kg	120	20.	1
cis-1,2-Dichloroethene	ND		ug/kg	59	20.	1
Acetone	ND		ug/kg	590	140	1
2-Butanone	ND		ug/kg	590	41.	1
n-Butylbenzene	ND		ug/kg	59	13.	1
sec-Butylbenzene	ND		ug/kg	59	13.	1
tert-Butylbenzene	ND		ug/kg	300	15.	1
n-Propylbenzene	ND		ug/kg	59	13.	1
1,3,5-Trimethylbenzene	ND		ug/kg	300	9.5	1
1,2,4-Trimethylbenzene	ND		ug/kg	300	11.	1

Project Name: ELMIRA-2017 **Lab Number:** L1727114

Project Number: 28014 **Report Date:** 08/08/17

SAMPLE RESULTS

Lab ID: L1727114-01 Date Collected: 08/04/17 07:50

Client ID: EHS-REUSE 5 Date Received: 08/04/17

Sample Location: ELMIRA, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,4-Dioxane	ND		ug/kg	2400	850	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	106		70-130

Project Name: ELMIRA-2017 **Lab Number:** L1727114

Project Number: 28014 **Report Date:** 08/08/17

SAMPLE RESULTS

Lab ID: L1727114-02
Client ID: EHS-REUSE 4
Sample Location: ELMIRA, NY

Date Collected: 08/04/17 07:40
Date Received: 08/04/17
Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/08/17 02:41
Analyst: CBN
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	500	82.	1
1,1-Dichloroethane	ND		ug/kg	75	14.	1
Chloroform	ND		ug/kg	75	18.	1
Carbon tetrachloride	ND		ug/kg	50	17.	1
Tetrachloroethene	ND		ug/kg	50	15.	1
Chlorobenzene	ND		ug/kg	50	17.	1
1,2-Dichloroethane	ND		ug/kg	50	12.	1
1,1,1-Trichloroethane	ND		ug/kg	50	18.	1
Benzene	ND		ug/kg	50	9.6	1
Toluene	ND		ug/kg	75	9.8	1
Ethylbenzene	ND		ug/kg	50	8.5	1
Vinyl chloride	ND		ug/kg	100	16.	1
1,1-Dichloroethene	ND		ug/kg	50	19.	1
trans-1,2-Dichloroethene	ND		ug/kg	75	12.	1
Trichloroethene	2000		ug/kg	50	15.	1
1,2-Dichlorobenzene	ND		ug/kg	250	9.1	1
1,3-Dichlorobenzene	ND		ug/kg	250	11.	1
1,4-Dichlorobenzene	ND		ug/kg	250	9.1	1
Methyl tert butyl ether	ND		ug/kg	100	7.6	1
p/m-Xylene	ND		ug/kg	100	18.	1
o-Xylene	ND		ug/kg	100	17.	1
cis-1,2-Dichloroethene	80		ug/kg	50	17.	1
Acetone	ND		ug/kg	500	110	1
2-Butanone	ND		ug/kg	500	34.	1
n-Butylbenzene	ND		ug/kg	50	11.	1
sec-Butylbenzene	ND		ug/kg	50	11.	1
tert-Butylbenzene	ND		ug/kg	250	12.	1
n-Propylbenzene	ND		ug/kg	50	11.	1
1,3,5-Trimethylbenzene	ND		ug/kg	250	8.0	1
1,2,4-Trimethylbenzene	ND		ug/kg	250	9.3	1

Project Name: ELMIRA-2017 **Lab Number:** L1727114

Project Number: 28014 **Report Date:** 08/08/17

SAMPLE RESULTS

Lab ID: L1727114-02 Date Collected: 08/04/17 07:40

Client ID: EHS-REUSE 4 Date Received: 08/04/17

Sample Location: ELMIRA, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,4-Dioxane	ND		ug/kg	2000	720	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	108		70-130

Project Name: ELMIRA-2017 **Lab Number:** L1727114

Project Number: 28014 **Report Date:** 08/08/17

SAMPLE RESULTS

Lab ID: L1727114-03
Client ID: EHS-REUSE 6
Sample Location: ELMIRA, NY

Date Collected: 08/04/17 06:50
Date Received: 08/04/17
Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/08/17 03:08
Analyst: CBN
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	530	88.	1
1,1-Dichloroethane	ND		ug/kg	80	14.	1
Chloroform	ND		ug/kg	80	20.	1
Carbon tetrachloride	ND		ug/kg	53	18.	1
Tetrachloroethene	ND		ug/kg	53	16.	1
Chlorobenzene	ND		ug/kg	53	18.	1
1,2-Dichloroethane	ND		ug/kg	53	13.	1
1,1,1-Trichloroethane	ND		ug/kg	53	19.	1
Benzene	ND		ug/kg	53	10.	1
Toluene	ND		ug/kg	80	10.	1
Ethylbenzene	ND		ug/kg	53	9.1	1
Vinyl chloride	ND		ug/kg	110	17.	1
1,1-Dichloroethene	ND		ug/kg	53	20.	1
trans-1,2-Dichloroethene	ND		ug/kg	80	13.	1
Trichloroethene	1600		ug/kg	53	16.	1
1,2-Dichlorobenzene	ND		ug/kg	270	9.7	1
1,3-Dichlorobenzene	ND		ug/kg	270	12.	1
1,4-Dichlorobenzene	ND		ug/kg	270	9.7	1
Methyl tert butyl ether	ND		ug/kg	110	8.2	1
p/m-Xylene	ND		ug/kg	110	19.	1
o-Xylene	ND		ug/kg	110	18.	1
cis-1,2-Dichloroethene	36	J	ug/kg	53	18.	1
Acetone	ND		ug/kg	530	120	1
2-Butanone	ND		ug/kg	530	37.	1
n-Butylbenzene	ND		ug/kg	53	12.	1
sec-Butylbenzene	ND		ug/kg	53	12.	1
tert-Butylbenzene	ND		ug/kg	270	13.	1
n-Propylbenzene	ND		ug/kg	53	11.	1
1,3,5-Trimethylbenzene	ND		ug/kg	270	8.6	1
1,2,4-Trimethylbenzene	ND		ug/kg	270	9.9	1

Project Name: ELMIRA-2017 **Lab Number:** L1727114

Project Number: 28014 **Report Date:** 08/08/17

SAMPLE RESULTS

Lab ID: L1727114-03 Date Collected: 08/04/17 06:50

Client ID: EHS-REUSE 6 Date Received: 08/04/17

Sample Location: ELMIRA, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,4-Dioxane	ND		ug/kg	2100	770	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	107		70-130

Project Name: ELMIRA-2017 **Lab Number:** L1727114

Project Number: 28014 **Report Date:** 08/08/17

SAMPLE RESULTS

Lab ID: L1727114-04
Client ID: EHS-REUSE 7
Sample Location: ELMIRA, NY

Date Collected: 08/04/17 07:20
Date Received: 08/04/17
Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/08/17 03:35
Analyst: CBN
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	560	92.	1
1,1-Dichloroethane	ND		ug/kg	84	15.	1
Chloroform	ND		ug/kg	84	21.	1
Carbon tetrachloride	ND		ug/kg	56	19.	1
Tetrachloroethene	ND		ug/kg	56	17.	1
Chlorobenzene	ND		ug/kg	56	19.	1
1,2-Dichloroethane	ND		ug/kg	56	14.	1
1,1,1-Trichloroethane	ND		ug/kg	56	20.	1
Benzene	ND		ug/kg	56	11.	1
Toluene	ND		ug/kg	84	11.	1
Ethylbenzene	ND		ug/kg	56	9.5	1
Vinyl chloride	ND		ug/kg	110	18.	1
1,1-Dichloroethene	ND		ug/kg	56	21.	1
trans-1,2-Dichloroethene	ND		ug/kg	84	14.	1
Trichloroethene	4400		ug/kg	56	17.	1
1,2-Dichlorobenzene	ND		ug/kg	280	10.	1
1,3-Dichlorobenzene	ND		ug/kg	280	12.	1
1,4-Dichlorobenzene	ND		ug/kg	280	10.	1
Methyl tert butyl ether	ND		ug/kg	110	8.6	1
p/m-Xylene	ND		ug/kg	110	20.	1
o-Xylene	ND		ug/kg	110	19.	1
cis-1,2-Dichloroethene	ND		ug/kg	56	19.	1
Acetone	ND		ug/kg	560	130	1
2-Butanone	ND		ug/kg	560	39.	1
n-Butylbenzene	ND		ug/kg	56	13.	1
sec-Butylbenzene	ND		ug/kg	56	12.	1
tert-Butylbenzene	ND		ug/kg	280	14.	1
n-Propylbenzene	ND		ug/kg	56	12.	1
1,3,5-Trimethylbenzene	ND		ug/kg	280	9.0	1
1,2,4-Trimethylbenzene	ND		ug/kg	280	10.	1

Project Name: ELMIRA-2017 **Lab Number:** L1727114

Project Number: 28014 **Report Date:** 08/08/17

SAMPLE RESULTS

Lab ID: L1727114-04 Date Collected: 08/04/17 07:20

Client ID: EHS-REUSE 7 Date Received: 08/04/17

Sample Location: ELMIRA, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,4-Dioxane	ND		ug/kg	2200	810	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	102		70-130

Project Name: ELMIRA-2017 **Lab Number:** L1727114

Project Number: 28014 **Report Date:** 08/08/17

SAMPLE RESULTS

Lab ID: L1727114-05
Client ID: EHS-REUSE 8
Sample Location: ELMIRA, NY

Date Collected: 08/04/17 07:10
Date Received: 08/04/17
Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/08/17 04:28
Analyst: CBN
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	11	1.8	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.29	1
Chloroform	ND		ug/kg	1.6	0.40	1
Carbon tetrachloride	ND		ug/kg	1.1	0.37	1
Tetrachloroethene	ND		ug/kg	1.1	0.33	1
Chlorobenzene	ND		ug/kg	1.1	0.38	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.38	1
Benzene	ND		ug/kg	1.1	0.21	1
Toluene	ND		ug/kg	1.6	0.21	1
Ethylbenzene	ND		ug/kg	1.1	0.18	1
Vinyl chloride	ND		ug/kg	2.2	0.34	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.40	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.26	1
Trichloroethene	ND		ug/kg	1.1	0.33	1
1,2-Dichlorobenzene	ND		ug/kg	5.4	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	5.4	0.24	1
1,4-Dichlorobenzene	ND		ug/kg	5.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.16	1
p/m-Xylene	ND		ug/kg	2.2	0.38	1
o-Xylene	ND		ug/kg	2.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.37	1
Acetone	ND		ug/kg	11	2.5	1
2-Butanone	ND		ug/kg	11	0.74	1
n-Butylbenzene	ND		ug/kg	1.1	0.25	1
sec-Butylbenzene	ND		ug/kg	1.1	0.23	1
tert-Butylbenzene	ND		ug/kg	5.4	0.27	1
n-Propylbenzene	ND		ug/kg	1.1	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.4	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.4	0.20	1

Project Name: ELMIRA-2017 **Lab Number:** L1727114

Project Number: 28014 **Report Date:** 08/08/17

SAMPLE RESULTS

Lab ID: L1727114-05 Date Collected: 08/04/17 07:10

Client ID: EHS-REUSE 8 Date Received: 08/04/17

Sample Location: ELMIRA, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,4-Dioxane	ND		ug/kg	43	16.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	127		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	111		70-130

Project Name: ELMIRA-2017 **Lab Number:** L1727114

Project Number: 28014 **Report Date:** 08/08/17

SAMPLE RESULTS

Lab ID: L1727114-06 D
Client ID: EHS-REUSE 9
Sample Location: ELMIRA, NY

Date Collected: 08/04/17 07:30
Date Received: 08/04/17
Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/08/17 06:40
Analyst: CBN
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	1100	180	2
1,1-Dichloroethane	ND		ug/kg	160	30.	2
Chloroform	ND		ug/kg	160	41.	2
Carbon tetrachloride	ND		ug/kg	110	38.	2
Tetrachloroethene	ND		ug/kg	110	33.	2
Chlorobenzene	ND		ug/kg	110	38.	2
1,2-Dichloroethane	ND		ug/kg	110	27.	2
1,1,1-Trichloroethane	ND		ug/kg	110	39.	2
Benzene	ND		ug/kg	110	21.	2
Toluene	ND		ug/kg	160	22.	2
Ethylbenzene	ND		ug/kg	110	19.	2
Vinyl chloride	ND		ug/kg	220	35.	2
1,1-Dichloroethene	ND		ug/kg	110	41.	2
trans-1,2-Dichloroethene	ND		ug/kg	160	26.	2
Trichloroethene	10000		ug/kg	110	33.	2
1,2-Dichlorobenzene	ND		ug/kg	550	20.	2
1,3-Dichlorobenzene	ND		ug/kg	550	24.	2
1,4-Dichlorobenzene	ND		ug/kg	550	20.	2
Methyl tert butyl ether	ND		ug/kg	220	17.	2
p/m-Xylene	ND		ug/kg	220	39.	2
o-Xylene	ND		ug/kg	220	37.	2
cis-1,2-Dichloroethene	290		ug/kg	110	38.	2
Acetone	ND		ug/kg	1100	250	2
2-Butanone	ND		ug/kg	1100	76.	2
n-Butylbenzene	ND		ug/kg	110	25.	2
sec-Butylbenzene	ND		ug/kg	110	24.	2
tert-Butylbenzene	ND		ug/kg	550	27.	2
n-Propylbenzene	ND		ug/kg	110	24.	2
1,3,5-Trimethylbenzene	ND		ug/kg	550	18.	2
1,2,4-Trimethylbenzene	ND		ug/kg	550	20.	2

Project Name: ELMIRA-2017 **Lab Number:** L1727114

Project Number: 28014 **Report Date:** 08/08/17

SAMPLE RESULTS

Lab ID: L1727114-06 D Date Collected: 08/04/17 07:30

Client ID: EHS-REUSE 9 Date Received: 08/04/17

Sample Location: ELMIRA, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,4-Dioxane	ND		ug/kg	4400	1600	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	111		70-130

Appendix H
Health and Safety Plan

Geosyntec consultants

engineers | scientists | innovators

Beech and Bonaparte engineering p.c.

an affiliate of Geosyntec Consultants

HEALTH AND SAFETY PLAN

FORMER SPERRY REMINGTON SITE - NORTH PORTION
ELMIRA HIGH SCHOOL
CITY OF ELMIRA, CHEMUNG COUNTY, NY
NYSDEC PROJECT 808022

Prepared for
New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 8
6274 East Avon-Lima Road
Avon, New York 14414-9519

Prepared by
Geosyntec Consultants, Inc. and Its Affiliate
Beech and Bonaparte Engineering, PC
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Columbia, Maryland 21044

Project Number MN0832E
Document Number MD18120

September 2018

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EHS Incident Response Procedures

CHOOSE THE RIGHT PATH



For more Information:
All work-related injuries, illnesses, and near-miss situations, to include vehicle accidents and general liability claims, must be documented and reported to the Environmental, Health & Safety (EHS) Team.

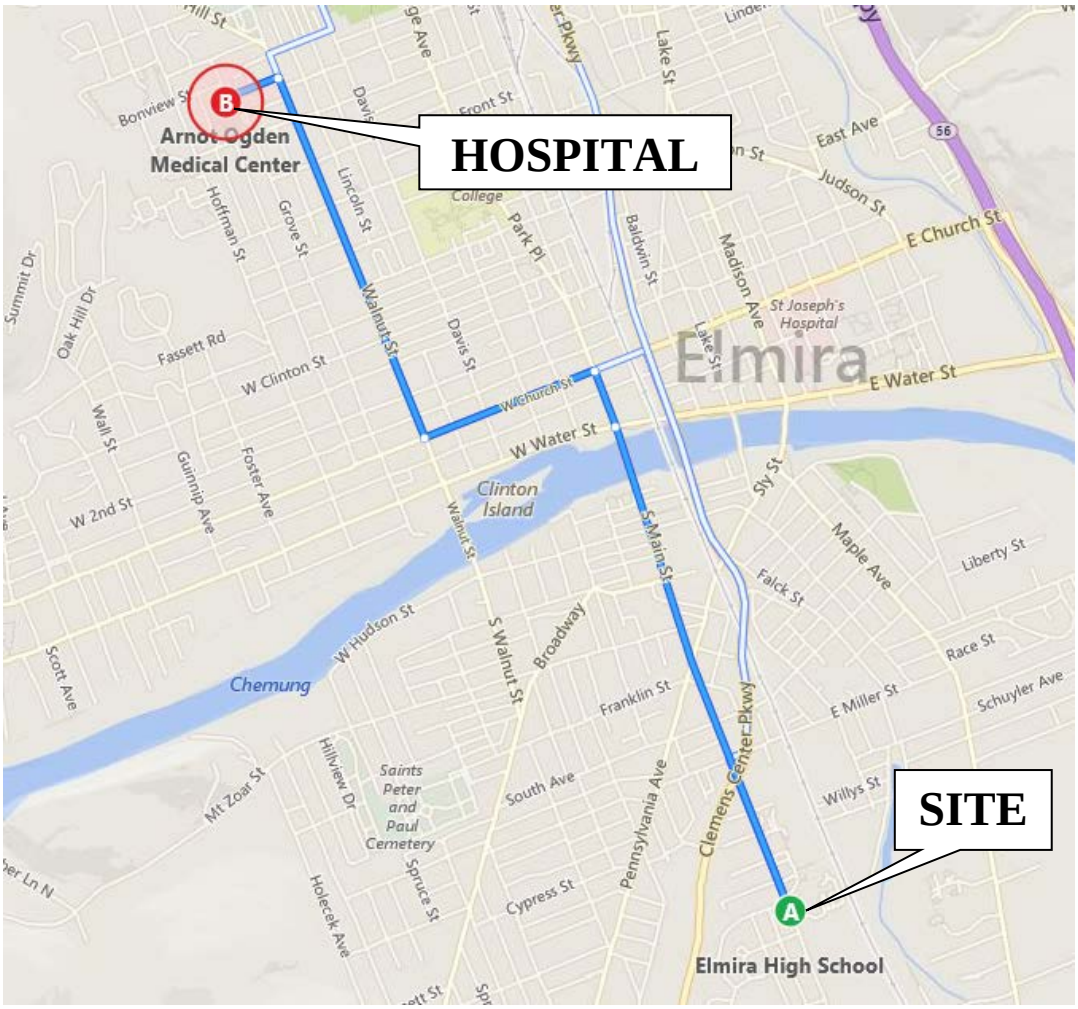
Dale Prokopchak
804-349-8067

Ersin Yalcin
404-435-4722

Visit the EHS Team on the intranet:
http://home.geosyntec.com/Corp/EHS/

Geosyntec consultants

ROUTE TO HOSPITAL



Arnot Ogden Medical Center
607-737-4100
600 Roe Avenue
Elmira, NY 14905

Written Directions to Hospital from Site:

1. Depart S Main St toward Soper St
2. Turn right onto RT-352 East / W Water St (0.5 miles)
3. Turn left onto Dewitt Ave (0.2 miles)
4. Turn right onto E Market St (167 ft)
5. Arrive at **St. Joseph's Hospital**

ROUTE TO URGENT CARE FACILITY



URGENT CARE FACILITY NAME

Elmira Urgent Care
607-732-1100
360 West Water St.
Elmira, New York

Written Directions to Urgent Care Facility from Site:

1. Depart S Main St toward Soper St (0.4 miles)
2. Turn right onto West Miller St. and then immediately turn left onto RT-14/Clemens Center Pkwy (1.0 miles)
3. Turn left onto Route -352E/E Water St. (0.4 miles)
4. Arrive at 360 W. Water St., Elmira, NY (Elmira Urgent Care)

SITE MAP


Work Area
Main Exit
S Main St
Sutton St
Birch St
Allen St
Morrow St

1. INTRODUCTION

This Health and Safety Plan (HASP) was prepared for the Former Sperry Remington Site – North Portion, Site #c808022 (Site) to address project-specific hazards known or suspected to be present associated with the existing conditions and work to be performed during the Site-wide remedial investigation activities. This HASP was prepared to meet the requirements specified in Occupational Safety and Health (OSHA) Hazardous Waste Operations Emergency and Response (HAZWOPER) program, Geosyntec's Health and Safety (H&S) Procedure HS 301, and the H&S requirements of the client.

2. SIGNATURES

2.1 Preparers and Reviewers

This HASP must be maintained on site when field work is being performed. The Site Health and Safety Officer (SHSO) can change or amend this document, in agreement with the Health and Safety Coordinator (HSC) or Project Manager. Amendments (e.g., changes in personal protective equipment, addition of tasks, etc.) must be documented in Section 19 and in Appendix A. This HASP must be reviewed and amended on an annual basis for projects lasting more than one year.

Prepared by:	Matt Schallinger		9/7/2018
	SHSO		Date
Reviewed by:	Michael Hansen		9/7/2018
	HSC		Date
Approved by:	Aron Krasnopoler		9/7/2018
	Project Manager		Date

This HASP has been given to the following H&S approved subcontractor(s).

Subcontractor: _____ Representative: _____ Date: _____

Subcontractor: _____ Representative: _____ Date: _____

Subcontractor: _____ Representative: _____ Date: _____

2.2 Geosyntec and Geosyntec Subcontractors or Employees

This HASP must be reviewed by personnel prior to site work. Workers not in attendance at the initial meeting must be trained by the SHSO on the information covered in the pre-entry briefing. After reading the HASP and attending a pre-entry briefing, Geosyntec employees and other parties covered under this HASP must sign the following acknowledgment statement.

"I have read, understand, and will perform my work in accordance with the information set forth in this HASP."

Signature	Printed Name	Date

3. EMERGENCY CONTACT INFORMATION

Contact	*Telephone Numbers*	
	Office	*Alternate (Type)*
Fire Department	911	
Police Department	911	
Site Emergency Response (if applicable)	Not Applicable	
Hospital - Arnot Ogden Medical Center	911	(607) 737-4100
Director of H&S– *Dale Prokopchak*	(804) 332-6376	(804) 349-8067 (Cell)
H&S Regional Manager – *Mark Malchik*	(978) 206-5777	(781) 392-5440 (Cell)
Project Manager – *Aron Krasnopoler*	(410) 910-7612	(202) 550-7724 (Cell)
Site Health & Safety Officer – *Matt Schallinger*	(410) 910-7705	(651) 356-5799 (Cell)
H&S Coordinator – *Michael Hansen*	(410) 910-7640	(443) 812-1430 (Cell)
Principal- or Associate-in-Charge - *Paul Brookner*	(612) 253-8203	(612) 599-7473 (Cell)
Utility Emergencies	811	
Work Care	(888) 449-7877	(714) 978-7488
Facility Contact – *Mike Dunn (Elmira City Schools)*	(607) 735-3984	
Client Contact – *Kevin Krueger (Unisys Corporation)*	(651) 687-2210	
Subcontractor -		
Subcontractor -		

Other -		

4. APPLICABILITY OF THIS HASP

This HASP was prepared in accordance with Geosyntec Consultants' H&S Procedures for use by Geosyntec project staff and subcontractors. Subcontractors, at a minimum, shall ensure that their employees, and those of its lower tier subcontractors, comply with these procedures and other health, safety and security provisions in the Subcontract. Compliance with this HASP shall represent the minimum requirements to be met by subcontractors, who shall be responsible for examining all requirements and determining whether additional or more stringent health, safety and security provisions are appropriate for their portion of the work and implementing them accordingly. Therefore, for firms executing all or any portion of the work, this document and its contents should not be used without a thorough peer review by their health and safety managers. Prior to commencing work, such firms are responsible for reviewing and supplementing the HASP to add appropriate procedures specific to their portion of the work.

5. SITE/TASK/HAZARD DESCRIPTION

5.1 Site Background

The following is a brief description of the site, including information as to the location, approximate size, previous usage, and current usage. A description of the tasks to be performed is also presented.

- Site Location: Former Sperry Remington Site North Portion
- Approximate Size of Site: 25 acres
- Previous Site Usage: Manufacturing – engines, drill tools, typewriters
- Current Site Usage: High School
- Description of Surrounding Property/Population:

North	Residential/Commercial	East	Rail Road Tracks; Residential/Commercial

South	Residential/Commercial	West	Residential/Commercial

- Summary of previous site investigations (if available/applicable):

Several phases of soil and groundwater investigation have been completed in the vicinity of the Site. Based on the current conceptual site model presented in the Site Characterization Work Plan, contaminants of potential concern (COPCs) in soil include metals, polychlorinated biphenyls (PCBs), semi volatile organic compounds (SVOCs) which mostly consist of polycyclic aromatic hydrocarbons (PAHs), and volatile organic compounds (VOCs). COPCs in groundwater include lead, PCBs, SVOCs/PAHs, and VOCs.

5.2 Task Descriptions

Tasks for project include:

Task 1:	Direct-Push Technology Borings for Soil Sample Collection
Task 2:	Hand Augering for Shallow Soil Sample Collection
Task 3:	Monitoring Well Installation and Development
Task 4:	Monitoring Well Inspection and Synoptic Water Level Measurements
Task 5:	Groundwater Sampling

Task Hazard Analyses (THAs) describing the tasks and potential hazards for each are presented in Appendix B.

5.3 Chemical Hazards

The classes of chemicals that are known or suspected to be present that may be encountered while performing site work include the following:

- Benzene, toluene, ethylbenzene, xylenes (BTEX)
- Chlorinated volatile organic compounds (VOCs)
- Semi-volatile organic compounds (SVOCs)
- Metals
- Total petroleum hydrocarbon (TPH)
- Polycyclic aromatic hydrocarbons (PAHs)
- Polychlorinated biphenyls (PCBs)
- Hazardous metals
- Asbestos

Controls for these hazards are presented in the THAs included in Appendix B. A summary of these chemical hazards is presented in Appendix C.

5.4 Physical Hazards

The following physical hazards have been identified associated with the work to be performed and the site conditions.

- Cold Stress
- Drilling (including Indoor)
- Drum and Container Handling
- Dust and particulates
- Eye Injury
- Hand/Foot Injury
- Heat Stress
- Heavy Equipment
- Knives / Blades
- Lifting Heavy Loads
- Loud Noise/Vibration
- Portable Power/Hand Tool
- Slips, Trips, and Falls
- Thoroughfares / Traffic
- Urban Environments
- Utility Protection

Controls for these hazards are presented in the THAs included in Appendix B.

5.5 Biological Hazards

The following biological hazards have been identified associated with the work to be performed and the site conditions.

- Allergic reaction to poisonous plants
- Biting/stinging insects
- Lyme disease
- Rats / vermin
- Snakes

Controls for these hazards are presented in the THAs included in Appendix B.

6. GENERAL SAFE WORK PRACTICES

The following general safe work practices must be adhered to while performing site work:

- Basic PPE shall be worn, including hard hats, safety glasses, hard-toed boots, and high-visibility vests. If conditions allow, the requirement for hard hats and hard-toed boots may be reduced with approval of the SHSO and Project Manager.
- Minimize contact with impacted materials. Do not place equipment on the ground. Do not sit or kneel on potentially contaminated surfaces.
- Smoking, eating, or drinking after entering the work zone and before personal decontamination is not allowed. Employees who are suspected of being under the influence of illegal drugs or alcohol will be removed from the site. Workers taking prescribed medication that may cause drowsiness shall not operate heavy equipment and are prohibited from performing tasks where Level C or B personal protective equipment is required.
- Practice good housekeeping.
- Use of contact lenses is not allowed under certain hazardous working conditions.
- The following conditions must be observed when operating a motor vehicle:
    - Wearing of seat belts is mandatory
    - The use of headlights is mandatory during periods of rain, fog, or other adverse weather or low-light conditions
    - A backup warning system or use of vehicle horn is mandatory when the vehicle is engaged in a backward motion
    - Posted traffic signs and directions from flagmen must be observed

  - Equipment and/or samples transported in vehicles must be secured from movement
  - The use of vehicles acquired by Geosyntec by non-Geosyntec personnel is prohibited
- In an unknown situation, always assume the worst reasonable conditions.
- Be observant of your immediate surroundings and the surroundings of others. It is a team effort to notice and warn of dangerous situations. Withdrawal from a hazardous situation to reassess procedures is the preferred course of action.
- Conflicting situations may arise concerning safety requirements and working conditions. These must be addressed and resolved rapidly by the SHSO and PM to relieve motivations or pressures to circumvent established safety policies.
- Unauthorized breaches of specified safety protocol are not allowed. Workers unwilling or unable to comply with established procedures will be asked to leave the work site.

7. EMERGENCY RESPONSE

This section discusses emergency response procedures and response equipment to be maintained on site. A table presenting a list of contacts and telephone numbers for the applicable local and off-site emergency responders is provided inside the front cover of this HASP (after figures).

7.1 Injury and Emergency Response Procedures

In the event of an **injury** to an employee, the instructions for injury response and reporting, located in the front of this HASP, must be implemented immediately. In the event that an **emergency** develops, the following procedures are to be implemented:

- The Site Health and Safety Officer (SHSO), or designated alternate, should be immediately notified via the on-site communication system. The SHSO assumes control of the emergency response.
- If applicable, the SHSO must immediately notify off-site emergency responders (e.g., fire department, hospital, police department, etc.) and must inform the response team of the nature and location of the emergency on site.
- If applicable, the SHSO may call for evacuation of the site. Site workers should move to their respective refuge stations using the evacuation routes provided on the Site Map.
- For small fires, flames should be extinguished using the appropriate type of fire extinguisher. Large fires should be handled by the local fire department.
- If a worker is injured, the procedures presented in “Instructions for Injury Response”, located in the front of this HASP, must be implemented immediately.
- After an incident has stabilized, the procedures presented in “Instructions for Incident Reporting”, located in the front of this HASP, must be followed.

7.2 Emergency Response Equipment

Emergency response equipment will be maintained in the work area as necessary for this project. Examples of emergency response equipment include first aid kits, and fire extinguishers (Type ABC).

8. KEY PERSONNEL AND HEALTH AND SAFETY RESPONSIBILITIES

Project personnel and their responsibilities in regard to health and safety concerns on this project are as follows:

Project Manager (PM): Aron Krasnopoler

- Approve this HASP and amendments, if any;
- Monitor the field logbooks for health and safety work practices employed;
- Coordinate with SHSO so that emergency response procedures are implemented;
- Check that corrective actions are implemented;
- Check and document that qualified personnel receive this plan and are aware of its provisions and potential hazards associated with site operations, and that they are instructed in safe work practices and familiar with emergency response procedures; and
- Provide for appropriate monitoring, personal protective equipment, and decontamination materials.

Site Health and Safety Officer (SHSO): Matt Schallinger

- Prepare and implement project HASP and amendments, if any, and report to the Project Manager for action if deviations from the anticipated conditions exist and authorize the cessation of work if necessary;
- Check that site personnel meet the training and medical requirements;
- Conduct pre-entry briefing and daily tailgate safety meetings;
- Check that monitoring equipment and personal protective equipment are operating correctly according to manufacturer's instructions and such equipment is utilized by on-site personnel. Calibrate or check calibration of monitoring equipment and record results;
- Check that decontamination procedures are being implemented;
- Implement site emergency response and follow-up procedures;
- Notify the HSC in the event an emergency occurs; and
- Perform and document weekly inspections, if necessary.

Health and Safety Coordinator: Michael Hansen

- Review and audit HASP and amendments;
- Notify Director of Health & Safety when an emergency occurs;
- Assist with the implementation of the corporate health and safety program; and
- Consult with staff on health and safety issues.

Site Workers

- Provide verification of required health and safety training and medical surveillance prior to arriving at the site;
- Notify supervisors of workplace accomodation requirements as the result of physical limitations or medical conditions;
- Attend pre-entry briefings and daily tailgate safety meetings;
- Immediately report accidents and/or unsafe conditions to the SHSO;
- Be familiar with and abide by the HASP; and
- Be ultimately responsible for his or her own safety.

9. WORKER TRAINING AND MEDICAL SURVEILLANCE

Personnel involved in field activities subject to OSHA HAZWOPER 29 CFR 1910.120 will be required to participate in both a health and safety training program that complies with criteria primarily set forth by the OSHA HAZWOPER in 29 CFR 1910.120(e) and a medical surveillance program covered under 29 CFR 1910.120(f), or equivalent regulations based on the jurisdiction in which the project is performed.

9.1 Pre-Assignment and Annual Refresher Training

Prior to arrival on site, the Geosyntec Project Manager will be responsible for monitoring that their staff meet the requirements of pre-assignment training (40/24 hours per Procedure HS 301). In addition, personnel must be able to document dates of attendance at an annual 8-hour refresher and three days of fieldwork under a qualified supervisor. Failure to provide this documentation will prohibit entry to the active work area(s) (i.e., Exclusion Zone).

9.2 Site Supervisor Training

Consistent with OSHA 29 CFR 1910.120 (e)(4), prior to arrival on site, individuals designated as site supervisors require an additional eight hours of specialized training.

9.3 Initial Site Safety Orientation and HASP Review

In addition to complying with 29 CFR 1910(e), site personnel will attend an initial safety orientation during which the HASP and applicable THAs will be reviewed prior to initiating field activities. This review will include the following:

- Understanding the lines of authority regarding health and safety and site personnel roles and responsibilities;
- Information of specific hazard agents related to the site and site operations will be discussed, such as health hazards of site chemicals and specific safety hazards of processes, tools, and equipment;
- Training in the proper use, maintenance, and decon protocol of PPE and Level(s) of Protection;
- Appropriate work practices and engineering controls to reduce/eliminate exposures to site hazards will be reviewed;
- Personnel will be informed of means for normal site and emergency communication(s);
- Air monitoring strategies will be discussed to include the frequency/types, action levels, sampling techniques, pre/post calibration techniques;
- Unique/site specific medical surveillance requirements that need to be considered based on site contaminants;
- Understanding site control measures, work zones, and proper decontamination procedures for personnel/tools/vehicles, etc. to reduce the potential for both on/off site contamination;
- Personnel will be trained to respond quickly and properly in the event of an emergency; and
- Personnel involved in specific hazardous activities, such as confined space entry, drum handling, sampling unknowns, etc. will receive specialized training in the appropriate techniques to employ prior to commencing these operations.

9.4 Baseline Medical Surveillance Exam

The baseline medical examination is used to identify physical capabilities and certain medical limitations that may have an impact on the candidate's ability to perform in the position and/or job activity for which he/she is being considered, as well as to establish certain baseline medical parameters. The initial test results can then be compared against future periodic or project-specific monitoring results.

9.5 Periodic/Annual/Biennial Medical Exam

The periodic medical examination is used to evaluate an employee's continued fitness for duty and to assess possible impact(s) occupational exposures may have had on their health status. The

periodic examination includes an update to the medical and work history, results of previous occupational exposure assessments, and a detailed medical exam tailored to the job description.

The Medical Director from WorkCare determines the frequency of the periodic medical exams based on regulatory requirements, the position/work activities of the employee, and the level of exposure to physical, chemical, and biological agents.

9.6 Exposure/Activity/Project-Specific Medical Testing

None planned.

9.7 Exit Exam

An exit medical examination is offered when an employee leaves the medical surveillance program, either because of termination of employment with Geosyntec or because of reassignment to a position not designated or identified to participate in the medical surveillance program. This optional exit examination may be used to assess potential changes in medical status that have occurred during the course of employees' previous work activities, and to establish a medical baseline at the time of departure.

9.8 Exit/Termination

An exit medical examination is offered when an employee leaves the medical surveillance program, either because of termination of employment with Geosyntec or because of reassignment to a position not designated or identified to participate in the medical surveillance program. This optional exit examination assesses potential adverse impacts occupational exposures may have contributed to the employee's health status.

10. MAPS AND SITE CONTROL

10.1 Routes to Hospital and Urgent Care Facility

A hospital and an urgent care facility near the site have been identified. Maps to the hospital and urgent care are included after the Table of Contents of this HASP. Both figures also include the facility name and phone number.

10.2 Site Map

A site map is located inside the cover of this HASP. The site map is intended to show the location of the work zone(s), to provide on-site orientation, and to delineate evacuation routes. Changes may be made to the site map by the SHSO based on changing site conditions. The site map should be accessible in the work area.

10.3 Buddy System

The buddy system is required when work is performed in hazardous areas. The buddy system includes maintaining regular contact with one or more onsite Geosyntec personnel, clients, and/or contractors to periodically check on the condition of site workers such that each employee in the work group is observed by (or in verbal contact with) at least one other employee in the work group. For field visits with only one employee onsite, the buddy system shall be implemented via periodic telephone contact with offsite Geosyntec personnel.The purpose of the buddy system is to provide rapid assistance to employees in the event of an emergency.

10.4 Controlled Work Zones

APPLIES TO TASK: ☐① ☐② ☐③ ☐④ ☐⑤ ☐⑥ ☐⑦ ☐⑧ ☒ Not Applicable

Three controlled work zones, including an Exclusion Zone, a Contaminant Reduction Zone (CRZ), and a Support Zone, are required for the task(s) indicated above. Geosyntec employees must not be allowed into the CRZ or Exclusion Zone or the Work Zone until they have received the proper personal protective equipment (PPE) and they have read, understand, and meet the requirements outlined in this HASP. The Exclusion Zone is defined as the area on site where contamination is suspected and tasks are to be performed. The CRZ is defined as the area where equipment and workers are to be decontaminated as they leave the Exclusion Zone. The Support Zone is defined as the command area and may serve as a staging and storage area for supplies. The location and extent of the work zones may be modified as necessary as site investigation information becomes available. For sites that do not require the three controlled work zones, the area(s) where work is to be performed shall be called the Work Zone.

Visitors to the site may need to be continually escorted for safety purposes. Visitors under Geosyntec's direction need to check in with the SHSO upon visiting the site.

For the tasks identified above, the boundaries of the Exclusion Zone, CRZ, and Support Zone, or the Work Zone, shall be marked using appropriate methods, including but not limited to warning tape, signs, traffic cones, fencing, or other appropriate means.

10.5 Site Access

Certain sites require controlled access to the work area. Examples of access controls include sign in/sign out logs, checking in with guards, and donning identification badges. Geosyntec personnel will adhere to the site-specific access requirements and monitor that subcontractors and other Geosytnec visitors abide by site-specific access control requirements.

10.6 Inspections

☐ APPLICABLE ☒ NOT APPLICABLE

Based on the hazards identified for the project, periodic health and safety inspections may be performed. The Health & Safety Inspection Checklist records should be kept on file at the project site. The frequency for periodic inspections is:

☐ Weekly
☐ Monthly
☐ Other: _____

11. TAILGATE MEETINGS

Tailgate meetings must be held daily prior to starting work to discuss important health and safety issues concerning tasks to be performed during that shift. Non-Geosyntec site workers should also communicate health and safety concerns associated with the tasks they will be performing. Topics discussed in the tailgate meetings must be documented.

12. STOP WORK AUTHORITY

In accordance with the Company's Procedure HS 203 - Stop Work Authority, Geosyntec personnel and subcontractor personnel have the authority and responsibility to issue a Stop Work Order if unsafe actions and/or conditions are identified. The Stop Work Authority (SWA) process involves a stop, notify, correct, and resume approach for resolving observed unsafe work actions or conditions. The person issuing the work stoppage will first notify workers engaged in or affected by the unsafe activity or condition and require that associated work be stopped. After this Stop Work Order is issued, the Geosyntec project manager and the supervisors for affected or concerned contractors will also be notified. The Geosyntec project manager will document the issuance of

the Stop Work Order on the form provided in Procedure HS 203. Work will not resume until the issues and concerns of the Stop Work Order have been adequately addressed.

13. AIR MONITORING

APPLIES TO TASK: ☒① ☐② ☐③ ☐④ ☐⑤ ☐⑥ ☐⑦ ☐⑧ ☐ Not Applicable

Air monitoring will be performed to evaluate airborne chemical and/or dust exposure levels within the breathing zone of site workers. Hazardous conditions may include concentrations that may cause acute or chronic illness, potential oxygen deficient environments, or potential explosive environments. Air monitoring may also be performed to evaluate the adequacy of engineering, administrative, and/or PPE controls. Air monitoring may be "real-time" (e.g., the instrument provides immediate results at the project), using multi-gas meters, photoionization detectors (PIDs), or colorimetric tubes. Personal monitoring may also be performed by collecting samples and forwarding to a laboratory for analysis and quantification.

The type(s) of air monitoring equipment required and associated action levels are outlined in Appendix D. Monitoring equipment must be calibrated based on the manufacturer's requirements. Calibration results and air monitoring measurements must be documented. Based on the results noted and site activities or scope of work changes, the frequency of air monitoring may be adjusted on site by the SHSO with the consent of the Project Manager and communication with the HSC.

14. PERSONAL PROTECTIVE EQUIPMENT

The levels of PPE required for each task are presented in Appendix E. Required equipment and types of protective clothing materials, as well as an indication of the initial level of protection to be utilized, are listed. The level of protection may be upgraded or downgraded by the SHSO according to controls requirements in Appendix E or according to action levels provided in Appendix D.

If respirators are worn, workers must abide by the company's Respiratory Protection Program in accordance with company's Respiratory Protection Program (EHS 112).

15. DECONTAMINATION

The SHSO and Project Manager will determine the type and level of decontamination procedures for both personnel and equipment based on evaluation of specific work activities in the controlled work zones. Medical treatment will take precedence over decontamination in the event of a life threatening and/or serious injury/illness. Personnel will perform decontamination in designated

and identified areas upon leaving "hot zones" where the potential exists for exposure to hazardous chemical, biological, or environmental conditions.

Decontamination of personnel in Level D (modified) will consist of proper containerization and disposal of coveralls, disposable boots, and gloves (if applicable).

Decontamination of personnel in Level C, if applicable, will consist, at a minimum, of:

- Removal and cleaning/disposal of boot covers, coveralls, and outer gloves;
- Removal, cleaning, and storage of respiratory protection;
- Washing of non-disposable PPE suspected of being contaminated using a soap solution followed by a water rinse; and
- Removal and disposal of inner gloves.

Hand tools and sampling equipment shall be decontaminated as needed by washing in decontamination basins with appropriate solutions, or, if possible, by dry decontamination. Wash solutions and PPE may require disposal at a licensed waste facility.

16. SPILL CONTAINMENT

The task(s) for this project may involve the handling of drums and/or containers that contain stored chemicals, hazardous materials, and/or wastes. The drums and/or containers may have been spilled/dislodged during site activities due to compromised construction of the drum/container, transportation accidents, improper packaging practices, and improper handling of hazardous materials during on/off loading. Containers shall be inspected and their integrity assured prior to being moved and/or handled. If the integrity of the container is in question, the container shall be over packed or its contents transferred. Operations shall be organized and coordinated to minimize movement of such containers. Where spills, leaks, or ruptures may potentially occur, a supply of sorbents shall be located in the immediate area. Additional preventative measures include:

- UN-approved 55-gallon drums, bins, and/or Baker tanks will be inspected for visible defects upon delivery to the site;
- UN-approved 55-galon drums will also be inspected to ensure each drum includes a resealable lid with a small resealable sampling port near the top, or on the side of the drum and that the enclosure is not deformed and/or distorted;
- Drums will not be completely filled to allow for possible expansion of liquid and will be set on wooden pallets to facilitate transport by forklift;
- The storage area will be inspected to check for leaks weekly while the containers are being filled and immediately after a relocation to a temporary on-site storage area; and

- Flat areas will be selected for temporary storage away from high-traffic work areas/zones and storm/sewer drains.

In the event of an unplanned release or spill of unknown or hazardous substances, the site supervisor will designate personnel who will support the spill containment, control, and/or clean-up procedures. The team will request additional off-site emergency response assistance if necessary based on the type of spill, volume, potential toxicity, etc.

The spill area will be isolated and restricted to only authorized personnel designated to assist with the containment, control, or clean-up activity. Authorized personnel will be trained to contain and clean spills from typical materials and quantities used at the project location. Physical barriers will be set up to warn unauthorized personnel to stay clear and evacuate the affected area. The spill, leak, or incident will be assessed by the team and characterized to determine the appropriate course(s) of action(s) to consider:

- Small spills (i.e., maximum volume of 55 gallons of a liquid or 100 pounds of a solid) may be remediated using absorbent materials by designated personnel;
- Large spills (i.e., liquid volumes > 55 gallons or solid weighs > 100 pounds) and/or spills of highly toxic materials may require assistance by off-site hazardous materials (HAZMAT) teams;
- Attempts shall be made to identify and stop the source(s) of spillage immediately while donning proper PPE (based on action levels and the air monitoring program) and performing air monitoring;
- The site supervisor will direct spill-response operations and stay at the spill area until it has been cleaned, inspected, and cleared for re-entry; and
- The site supervisor will prepare a spill incident and clean-up report and will communicate findings to the Project and Branch Manager and EHS Department.

17. CONFINED SPACE ENTRY

☐ APPLICABLE ☒ NOT APPLICABLE

The task(s) for this project involve confined-space entry. Workers must abide by the company's Confined Space Entry Program (Procedure HS 118).

18. GLOBALLY-HARMONIZED SYSTEM FOR HAZARD COMMUNICATION

☒ APPLICABLE ☐ NOT APPLICABLE

The following procedures must be followed for chemicals brought onto the site by Geosyntec personnel or by subcontractors (i.e., decontamination solution, sampling preservatives, KB-1 solution, sodium permanganate, etc.) while performing the tasks of this project:

- Labels on primary chemical containers must not be defaced;
- Chemicals must be stored in appropriate storage containers;
- Secondary containers and storage cabinets must be correctly and clearly labeled;
- Chemicals incompatible with each other must not be stored together;
- Workers must receive training on the chemical hazards; and
- Safety Data Sheets (SDSs) must be added to Appendix F.

When chemicals are used on site, workers must abide by Geosyntec's GHS Hazard Communication Program (Procedure HS 115).

19. HASP AMENDMENTS

Over the course of this project, it is possible that the project-specific hazards and working conditions will change. This HASP may be reviewed and amended as necessary to effectively describe the changing working conditions and measures to mitigate the potential health and safety issues that may arise during the project. Amendments to the HASP should be briefly described in the following spaces provided. The full text of the amendments should be provided in Appendix A and/or additional THAs should be added to Appendix B.

AMENDMENT 1:

Date: _____ Project Manager: _____ HSC: _____
Brief description of amendment:
_____
_____
_____
_____
_____

AMENDMENT 2:

Date: _____ Project Manager: _____ HSC: _____
Brief description of amendment:

_____
_____
_____
_____
_____

AMENDMENT 3:

Date: _____ Project Manager: _____ HSC: _____
Brief description of amendment:

_____
_____
_____
_____
_____

Appendix A: HASP Amendments

Discuss details of amendments to this HASP here. Include amendment number, date, and details of amendments.

Appendix B: Task Hazard Analyses

TASKS	
①Direct-Push Borings for Soil Sample Collection	⑤ Groundwater Sampling
②Hand Augering for Shallow Soil Sample Collection	⑥
③Monitoring Well Installation and Development	⑦
④Monitoring Well Inspection and Synoptic Water Level Measurements	⑧

THAs for these tasks are presented in the following pages.

APPENDIX B – Task Hazard Analyses

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PRE-WORK TASK HAZARD ANALYSIS (THA)

TASK/ACTIVITY:	DPT Borings for Soil Sample Collection	**Date:**	6/1/2018
Project Name:	Former Sperry Remington Site North	**Client Name:**	Unisys Corporation
Project Number:	MN0832	**Geosyntec Proj. Mngr.:**	Aron Krasnopoler
Project Address:	777 Sourth Main Street, Elmira, New York	**Geosyntec Proj. Dir.:**	Paul Brookner
Task Description:	Collect soil samples at numerous locations from 0 feet below ground surface to the shallow water table via direct-push technology (DPT) for laboratory analyses		

A. SUMMARY OF SITE-SPECIFIC TASK HAZARD ANALYSIS

Site-Specific Comments:

Sub-Tasks, Activities	Hazards	Hazard Controls
Task 1: Mobilize to Site	-Driving -Mobilization to and around unfamiliar facility	- Drive carefully to facility, be well rested and avoid distracted driving. - Review scope of work.
Task 2: Locate Soil Sampling Locations and clear drilling locations for above-ground and underground utiliites. Locate sampling locations. Place pin flags at all sampling locations. Boring location will be documented by GPS.	-Slips/trips/falls -Heat/cold stress -Biohazards: snakes, bees, spider, ticks, poison ivy	-Pay close attention to foot placement; slow deliberate movement. -Dress for weather conditions. Apply sunscreen if needed. -Beaware of surroundings and avoid biohazards.
Task 3: Conduct DPT drilling and soil sampling	-Same hazards noted above for Task 2. -Drill Rig Hazards -Sharp edges on knife and on acetate sleeves used with DPT sampling. -Potential contaminant exposure: VOCs, PCBs, SVOCs	-Same hazard controls noted above for Task 2. -Before entering work area, don level D personal protective equipment (PPE). PPE will include: hard hat, safety glasses, safety vests, steel toe boots, nitrile gloves; and ear plugs or ear muffs. -Avoid being in close proximity to drilling rig. -Have a private utility locator clear each boring location for underground utiltities. -Avoid direct contact with contaminated matrices. -Pay close attention to the sharp edges and wear hand protection, such as leather gloves, if necessary.
Task 4: Sample Collection, Labeling and Packing Homogenize samples in decontaminated stainless steel or disposable mixing containers. Place the homogenized sample in the laboratory-supplied sample containers and label the bottles. Pack samples in cooler with ice and proper quality assurance samples.	-Potential contaminant exposure: VOCs, PCBs, SVOCs -Back strain when transporting coolers full of collected samples packed with ice.	-Continue to wear level D PPE and minimize contact with sample material. -Use proper lifting techniques. Get assistance when possible, especially for containers heavier than 49 lbs.
Task 5: Equipment Decontamination Decontaminate equipment that will be reused (e.g. hand auger, trowel, et. al.)	-Slips, Trips, and Falls -Hand injuries during handling of equipment. -Potential contaminant exposure: VOCs, PCBs, SVOCs -Splash hazards	-Pay close attention to foot placement; slow deliberate movement. -Pay close attention to the sharp edge of steel hand trowel to avoid cutting or other injuries of hands. -Continue to wear level D PPE and minimize contact with water.
Task 6: Demobilization Demobilize from Site, making sure all work areas are clean and orderly	-Driving	-Drive carefully and avoid distracted driving. If too exhausted to drive safely back to the office make arrangements to stay at hotel.

B. HEALTH AND SAFETY EQUIPMENT/GEAR

Site-Specific Comments:

☒	PERSONAL PROTECTIVE EQUIPMENT (PPE)**:**	Level(s) of Protection (for chemical hazards):	☐ Level D (standard work clothes, no chemical protective clothing) ☒ Modified Level D (chemical protective clothing in addition to standard work clothes) ☐ Level C (air purifying respirator or dust mask, with chemical protective clothing) ☐ Level B or A (air supplied respirator, chemical protective suit)

		☒ Hard-toed boots/shoes ☒ Hardhat ☒ Noise/hearing protection ☒ High-visibility/reflective vest ☒ Work gloves ☒ Eye/face protection ☒ Safety glasses with side shields ☐ Goggles ☐ Face shield ☐ Other: ☒ Chemical protective clothing ☒ Gloves, type: Nitrile ☐ Coveralls, type: ☐ Outer boots, boot covers ☐ Other:	☐ Respiratory Protection ☐ Disposable n-95 face mask ☐ Half-face air-purifying respirator ☐ Full-face air-purifying respirator ☐ Resp-cartridge, type: ☐ Other: ☐ Personal flotation device ☐ Personal fall apparatus ☐ Fire retardant clothing ☐ EH (Electrical Hazard) rated boots, gloves ☐ Other:
☒	OTHER H&S EQUIPMENT and GEAR:	☒ Fire extinguisher ☒ Caution tape ☒ Traffic control warning devices ☐ Warning signs or placards ☐ Decon supplies for personal decon ☐ Portable ground fault circuit interrupter (GFCI)	☐ Lockout/tagout equipment ☐ Ventilation equipment (fan, blower) ☒ First aid kit ☒ Vehicle emergency kit (flares, lights, reflective device) ☐ Other:

C. AIR MONITORING – CHECK IF NOT APPLICABLE: ☐

Site-Specific Comments:

☒	INSTRUMENT(S), EQUIPMENT	☒ PID, Lamp energy: 10.6 eV ☐ FID ☐ Carbon monoxide detector ☐ Hydrogen sulfide detector ☐ Oxygen (O_2) detector	☐ Flammable gas (LEL) detector ☐ Particulate (dust) detector ☐ Calibration kit for each detector type ☐ Others:

☐	ACTION LEVELS FOR **O2/LEL**	☐ Oxygen	≤19.5% - provide ventilation to raise oxygen to acceptable levels, or utilize Level B. ≥23.0% - provide ventilation to lower oxygen to acceptable levels, or utilize Level B and implement controls for fire hazards, control ignition sources.
		☐ LEL	Confirm at least 12% oxygen is present to ensure accuracy of LEL readings. At <10% LEL - Continue working, continue to monitor LEL levels At ≥10% LEL- Immediately withdraw from area. Resume work ONLY after LEL readings reduced to <10% through passive dissipation, or active vapor control measures.

		Parameters	**Level D, Modified D**	**Use levels C or B, as indicated below, OR take action to reduce breathing zone level to concentration acceptable for Level D.**
☒	ACTION LEVELS FOR **TOXICS** (sustained breathing zone concentrations)	☒ VOCs	< 50 ppm	> 50 ppm: Stop work, evacuate the area. If upon return, levels still exceed the action level, stop work and implement engineering controls.
		☐ Carbon Monoxide	< 35 ppm	≥35 ppm - Level B (air-supplied respirator)
		☐ Hydrogen Sulfide	< 10 ppm	≥10 ppm - Level B (air-supplied respirator)
		☐ Total Dust	< mg/m³	> mg/m³ - Level C (air-purifying respirator)
		☐		
		☐		

HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
1. PREMISES/ENVIRONMENTAL HAZARDS	
Site-Specific Comments:	
☒ LOCATION HAZARDS ☒ Outdoor field work ☒ Urban, suburban ☐ Rural, remote location ☐ Indoor field work ☐ Operating facility ☐ Vacant facility ☐ Water hazards	☒ Use routine safety precautions commensurate with routine work environment conditions ☐ For non-routine, unique, or severe location hazards, see site-specific safety comments above. ☐ For water-related work, see #2, “Water Hazards” ☐ For worksite violence/security risks, see #3, “Violence, Security, Working Alone” ☒ For transportation related hazards, see #5, “Worksite Traffic, Vehicle, Transportation Hazards” ☒ For utility-related hazards, see # 6, “Utility-Related Hazards ☐ For atmospheric hazards in enclosed, indoor, or confined spaces, see # 11 “Confined Spaces or Hazardous Enclosed/Indoor Spaces”

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PRE-WORK TASK HAZARD ANALYSIS (THA)

	HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
☒	WALKING/WORKING SURFACES, HOUSEKEEPING ☒ Uneven, rough terrain, riprap ☒ Slippery surfaces ☐ Holes, pits, openings ☐ Puncture, foot hazards	☒ Keep work areas clean, orderly, dispose of trash/debris, maintain sanitary conditions. ☒ Walkways are cleared of equipment, excavated material, tools and debris, snow ☐ Holes, pits, openings to be covered or otherwise marked or guarded ☐ Apply absorbent, salt or sand, for traction/slip resistance on slippery/icy/wet surfaces ☒ Wear proper work boots/shoes with ankle support and/or traction, as appropriate for conditions
☒	TEMPERATURE/WEATHER ☒ Heat Stress ☒ Cold Stress ☒ Severe Weather ☒ Lightning	☒ Heat/Cold stress are monitored in accordance with Geosyntec procedures EHS 124 & EHS 125 ☒ Provide sufficient fluids, shade, breaks, other precautions as appropriate to adderss heat hazards. ☒ Provide protection from sun (sun screen, shaded brake area). ☐ For cold stress, wear multiple layers, protect from wind/wet, frequent break in warm location. ☐ In high wind, discontinue working at heights (e.g. on ladders, scaffold, aerial lift, similar). ☒ Use precautions for lightning, thunderstorm, hale, tornado (monitor weather, “30/30 rule,” shelter)
☒	BIOLOGICAL HAZARDS ☒ Insects, spiders, ticks ☐ Wild/feral/pet animals ☐ Mold, fungi ☒ Poisonous plants ☐ Bird Guano ☐ Infectious, wastewater, sewer ☐ Bloodborne pathogens	☒ Utilize safety practices commensurate with risk of biting/stinging insects, wild/feral/pet animals. ☒ For poisonous plants (poison ivy/oak/sumac/etc.), minimize exposed skin area, wear coveralls, use barrier cream/wash (Technu products or similar), as appropriate. For biological exposure hazards, use protective measures commensurate with hazard: ☒ Minor-moderate hazard - use ordinary hygiene practices, protective gloves, hand washing. ☐ Moderate-severe hazard - add protective clothing, respirator, decon, as appropriate. ☐ Bloodborne pathogen (human infectious agents) - implement “Universal Precautions”
☒	HAZARDOUS NOISE	☒ Hearing protection is used when exposed to excessive noise levels (greater than 85 dBA over an 8-hour work period, or intermittent….)
☐	OVERHEAD HAZARDS, FALLING OBJECTS	☐ Wear hardhat when exposed to overhead hazards, “bump” hazards, falling objects ☐ Cordon off hazard zones, route access/egress around hazards of falling objects ☐ Secure objects from falling ☐ Provide overhead protection (canopy) to protect public pedestrians, workers
☐	ILLUMINATION ☐ Night work ☐ Indoor work	☐ Make site-specific arrangements for illumination of work areas and access routes.
2. BOATING, WATER, WET LOCATIONS, FLOOD, ETC. – CHECK IF NOT APPLICABLE: ☒		
Site-Specific Comments:		
☐	WATER HAZARDS ☐ Drowning, hypothermia ☐ Boat, barge, raft ☐ Wading, wetland, mud/silt ☐ Dam release, flood, tide ☐ Diving	☐ Wear appropriate Coast Guard-approved Personal Flotation Device (PFD) ☐ Bring emergency rescue equipment (ring buoy, reaching device, flares) ☐ Use fuel safety practices, fire extinguisher present in boat ☐ See site-specific safety comments above.
3. VIOLENCE, PUBLIC PROTECTION, WORKING ALONE – SPECIAL MEASURES – CHECK IF NOT ANTICIPATED: ☒		
Site-Specific Comments:		
☐	PERSONAL SECURITY, HIGH CRIME AREA	☐ Employ standard precautions, which may include: conduct work only during daylight hours, use buddy system, avoid parking in secluded location, lock vehicles, hide valuable items in vehicles from plain view ☐ See site-specific safety comments above for project-specific security measures.
☐	PUBLIC AT RISK, SITE SECURITY	☐ Provide safe pedestrian route around work areas, use appropriate barriers, signs, warning devices. ☐ Provide covers over excavation, secure fencing, overnight protection ☐ Provide protection from overhead hazards (canopy, etc.) where public at risk of overhead hazards ☐ Provide secure locked storage of hazardous chemicals, hazardous equipment, etc.
☐	WORKING ALONE	☐ Establish “check in” procedure with supervisor or project manager (arrival, mid-day, departure) ☐ Additional measures, as appropriate for the working conditions.
4. DRIVING, TRAFFIC, TRANSPORTATION HAZARDS – CHECK IF NOT APPLICABLE: ☐		
Site-Specific Comments:		
☒	DRIVING HAZARDS ☒ Routine work travel ☐ Unfamiliar location ☐ Unfamiliar vehicle ☒ Overnight travel, distance	☒ Use routine safe/defensive driving practices (seat belts, safe speeds, eyes ahead, no tailgating, limit distractions, no texting, safe cell phone use, clear windows, account for weather/road conditions, adequate sleep, other measures as appropriate). ☒ Plan travel route before driving (assemble maps, enter destination in GPS). ☐ Familiarize yourself with vehicle operational controls before operating unfamiliar vehicle.

	HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
☒	WORKERS EXPOSED TO TRAFFIC HAZARDS ☒ In/near public or private roadway ☒ Parking lot, driveway ☐ Worksite, construction site traffic	☒ Workers to wear reflective vests where exposed to traffic hazards. ☒ Where possible, park vehicles as protective shield from oncoming traffic. ☐ Configure work area and support vehicles to minimize worker exposure to traffic hazards. ☐ DOT signal devices will be used to re-route vehicles around work area, site entrances/exits. ☐ Flaggers will be used and have DOT Flagger Training; police detail where appropriate or required. ☒ Park vehicles in secure location away from heavy equipment use or other site operations. ☐ Mark temporary roadways clearly, provide berms/stop logs where needed.
☐	RAILROAD/AIRPORT HAZARD	☐ Coordinate with rail company/airport and implement required safety measures ☐ Site workers to receive safety training for railroad/airport work.
☐	OFF-ROAD DRIVING, USE OF ALL-TERRAIN VEHICLE	☐ For off road driving, do not exceed capability of vehicle ☐ Follow ATV specific procedures for training, safety equipment, operation.
☐	TRANSPORTING MATERIALS, TOWING/HAULING LOADS	☐ Ensure load is firmly secured (rope, straps, load configuration) to prevent shifting during travel. ☐ For trailer use, verify signal/braking lights operational, rear-view mirrors effective, hitch/safety chains secure.
5. UTILITY-RELATED HAZARDS (for underground/overhead work) – CHECK IF NOT APPLICABLE: ☐		
Site-Specific Comments: Be aware of piping for sprinkler system on football field.		
☒	OVERHEAD UTILITIES	☒ Maintain proper clearance, employ other appropriate precautions for the conditions.
☒	UNDERGROUND UTILITIES	☒ Confirm appropriate underground utility clearance procedures have been completed prior to ground penetrations, and employ other utility clearance/locator practices, as appropriate for conditions.
6. ELECTRICAL HAZARDS – CHECK IF NOT APPLICABLE: ☒		
Site-Specific Comments:		
☐	WORKERS EXPOSED TO: ☐ Voltage < 50 v ☐ Voltage 50-600v ☐ Voltage > 600v ☐ AC ☐ DC ☐ 3-phase ☐ Battery and/or solar power ☐ Capacitor/Transformer	☐ Implement electrical safe work practices commensurate with the work to be performed, pertaining to the following (as applicable): - Worker training/qualification - Electrical equipment and hazards, safe design features - Electrical safe work practices - Grounding, use of GFCIs - Electrical equipment installation, operation, maintenance, repair - Arc flash protection - Electrical equipment diagnostics
☐	BASIC ELECTRICAL HAZARDS ☐ Equipment/tool use/operation ☐ Use of extension cords	☐ Control water-related hazards, in a manner appropriate for the job tasks/equipment/tool. ☐ Use extension cords/power cords properly, prevent damage, take out of service if damaged. ☐ Inspect tool/equipment/extension cords/power cords before each use. ☐ Use GFCI-protected outlet or portable GFCI in wet locations, outdoors, basements ☐ Ensure live parts are guarded, enclosures secure. ☐ Enclosures, circuits properly labeled.
☐	LOCKOUT/TAGOUT OF ELECTRICAL ENERGY	☐ Implement control-of-hazardous-energy practices (lockout/tagout), provide lockout/tagout locks and devices, training workers, designate “authorized” personnel, notify “affected” personnel
7. FALL HAZARDS – CHECK IF NOT ANTICIPATED: ☒		
Site-Specific Comments:		
☐	WORKING AT HEIGHTS ☐ Roof, skylight ☐ Elevated platform ☐ Holes, side opening ☐ Retaining wall, cliff, ledge ☐ Trench, excavation ☐ Protruding rebar	☐ Ensure guardrails present ☐ Use personal fall apparatus (PFA) ☐ Use tether or positioning device ☐ Restrict access to hazard (barriers, tape, sign) ☐ Ensure covers in place over holes ☐ Watch person ☐ Use fall protection net ☐ Restrict access beneath work to protect other site personnel from overhead hazards ☐ Install caps on protruding rebar
☐	LADDERS / STAIRS ☐ Extension ladders ☐ Step ladders ☐ Fixed ladders ☐ Stairs	☐ Provide instruction/review pertaining to safe ladder use ☐ Extension ladders are properly footed, secured, setup at proper angle ☐ Stepladders are set on level ground or properly shimmed with spreaders locked. ☐ Stairs have proper rise over run and stairs >4 steps or 4' have guardrails. ☐ Never use a step ladder as a straight ladder. All straight ladders shall be extended three rungs past leading edge. Never use metal ladders while working with electricity.

	HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
☐	AERIAL LIFT ☐ Scissor lift ☐ Extensible boom ☐ Articulated boom ☐ Vertical Lift ("Genie")	☐ Operators are sufficiently trained, experienced and qualified. ☐ Equipment is inspected after mobilization and is in good condition. ☐ Harness & Lanyard worn whenever operating the lift (scissor lifts may be excepted) ☐ Overhead and surface obstructions are reviewed with operators prior to use.
☐	SCAFFOLD ☐ Supported scaffold ☐ Suspended scaffold ☐ Free-standing/mobile scaffold	☐ Identify/coordinate operations with competent person ☐ Supported scaffold level, stable, proper attachments, tiebacks, planking, ☐ Suspended scaffolds anchored properly ☐ Guardrails present above 10 feet or personal fall apparatus used. ☐ Proper means of accessing scaffold (proper ladders, stair tower). ☐ Total height of free-standing scaffold not to exceed four times the minimum base dimension.
8. TOOLS, EQUIPMENT, MACHINERY – CHECK IF NOT APPLICABLE: ☐		
Site-Specific Comments:		
☒	HAND TOOLS Eye injury, puncture/bruise/ laceration hazard	☒ Use proper tool for the job, maintain tools in good condition (no damage, cutting tools sharp, etc.) use appropriate PPE for hand/eye/body protection, plan for safe "follow through" motion, use vise/clamp/work surface to hold/stabilize work piece
☐	POWER TOOLS ☐ Eye/hand/body injury ☐ Fuel-related hazards ☐ Inhalation hazard ☐ Noise ☐ Sparks, heat, fire hazard ☐ Electrical hazards	☐ For all power tools: - Inspect tools to ensure safe operating condition before each use. - Use tool in accordance with manufacturer's specifications. - Use PPE or other safety practices, as appropriate, for eye/hearing/hand/head/body protection - Provide training or verify operator qualification for use of power tool. - Stay clear of hazard zone, "line of fire" when working near where power tools are used. ☐ Use safety practices for refueling, fuel handling/transport/storage. ☐ Use respirators, ventilation, wet methods, other appropriate means to control inhalation hazard. ☐ For spark/heat generating tool, control fire hazards, segregate combustible/flammable materials. ☐ For electrical hazards, see # 6, "Electrical Hazards".
☐	WELDING, CUTTING ☐ Gas welding/cutting ☐ Arc welding/cutting	☐ Hot work permit system to be implemented. ☐ Operator properly protected (eye protection, clothing, apron, etc.) ☐ Fire hazard controls (watcher, fire extinguisher, water, isolate combustibles) ☐ Protect nearby personnel from hazardous UV, IR light (shielding, curtain) ☐ Electrical safe work practices for arc welding ☐ Gas cylinder safe practices (secured, upright, caps on when not in use, prevent damage).
☒	EQUIPMENT/MACHINERY ☒ Point-of-operation hazards ☒ Pinch points, moving parts ☒ 'Struck-by,' 'caught between' ☐ Hot surfaces, heat ☐ Extension cords, flexible wire ☒ Fuel related (gas or liquid) ☐ Hydraulic pressure ☐ Compressed air/gas ☐ Kinetic, stored energy ☒ Noise ☐ Lockout/tagout ☒ Emissions, discharge gases ☐ Working at heights, falls ☐ Lifting, repetitive motion ☐ Illumination ☐ Electrical (see below)	☒ *Working Near* Equipment/Machinery ☒ Work at safe distance/restrict access, ensure guards in place, heed warning signs ☒ Implement measures necessary for adequate illumination ☒ Control exposue to emission/discharge gases (ventilation, PPE, other means). ☒ Ensure safe practices for fuels/fluids/machine-related hazardous materials ☒ Use PPE or other safety practices for eye/hearing/hand/head/body protection ☒ Segregate combustible materials from hot surfaces/hot exhaust (minimum 3 feet) ☐ Operation/Maintenance/Repair of Equipment/Machinery (see applicable control measures above) ☐ Orient/locate equipment for safe access during operation and maintenance ☐ Use equipment/machinery in accordance with manufacturer's specifications ☐ Use safe lifting practices, minimize repetitive motion hazards ☐ Ensure point-of-operation, mechanical power transmission, other moving parts are guarded with protective devices; do not override interlocks, guards, protective devices ☐ Secure long hair/loose clothing/hanging jewelry near moving/rotating parts ☐ Ensure appropriate warning signs are in place and heeded ☐ Use safe practices for fueling, fuel transport & storage. ☐ Operate fuel-powered equipment in well ventilated location. ☐ Incorporate safety provisions/safe work practices for compressed air, pressurized systems (pneumatic/hydraulic), stored energy ☐ Implement control-of-hazardous-energy practices (lockout/tagout), designate "authorized" personnel, notify "affected" personnel ☐ Protect from fall hazards (safe ladder use, personal fall protection, guardrails, other) ☐
☐	ELECTRICAL HAZARDS	☐ Implement provisions of # 6, "Electrical Hazards"
9. MANUAL MATERIAL HANDLING, MATERIAL STORAGE – CHECK IF NOT APPLICABLE: ☐		

	HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
Site-Specific Comments: Drum Handling and Sample Coolers		
☒	LIFTING / ERGONOMIC Musculoskeletal strain, repetitive motion injury	☒ Use proper manual lifting techniques (straight back, bend at knees, firm grasp, firm footing). ☒ Seek assistance for lifting heavy objects (>50 lbs.) ☐ Use mechanical lifting equipment to reduce manual material handling hazard ☒ For repetitive motion activities, take breaks, switch hands, share task with others, employ other safe practices appropriate for the specific task(s).
☐	STORAGE OF MATERIALS See Sect. 12 for Chemical Storage	☐ Store materials in stable manner that prevents tipping, sliding, rolling, falling over. ☐ Materials stored in tiers to be stacked, racked, blocked, interlocked or otherwise secured to prevent sliding, falling or collapse ☐ Do not exceed load limits of racks, platform; ensure racks are stable, robust, secure ☐ On scaffold, do not store materials in excess of supplies needed for immediate use ☐ Ensure stored materials do not block aisles, passageways ☐ For used lumber, remove nails before stacking, and stack to be stable and self supporting, no higher than 20 feet (or 16 feet if lumber is to be handled manually) ☐ Debris will be removed regularly from storage area and place in designated area or disposed.
10. CONSTRUCTION OPERATIONS, HEAVY EQUIPMENT, HEAVY VEHICLES – CHECK IF NOT ANTICIPATED: ☒		
Site-Specific Comments: DPT Drilling Rig		
☒	HEAVY EQUIPMENT; CONSTRUCTION VEHICLES Hazards: Struck By, Run-Over, Caught In Between (pinch points), Roll Over, Fluid Leaks	☒ Trained/qualified persons operate all heavy equipment. ☒ No passengers on moving/operating equipment except where passenger seat/restraint is present. ☒ Equipment inspected upon mobilization and daily; maintained in good repair, backup alarms ☐ All leaks or defective safety equipment will be repaired before use. ☒ Operators required to use seatbelts. ☒ Eye contact with operator and use of hand signals prior to approaching near equipment. ☒ High visibility vests are required of all personnel in work area. ☒ Max. safe slope for each vehicle will be followed. ☒ Personnel to stay clear of swing radius of equipment. ☒ Spill equipment available for fuel and hydraulic fluid leaks. ☒ Equipment locked, secured, brakes set, buckets/forks lowered, when not in use.
☐	CRANES Overhead hazards – utility lines, swing radius, falling objects, wire ropes and hoisting equipment ☐ Overbalancing – high winds, outrigger placement, overloading, safe slope ☐ Struck By, Run-Over, Caught In Between (pinch points), Roll Over, Fluid Leaks	**In addition to general safety practices for heavy equipment (above), as applicable:** ☐ Only qualified persons operate cranes (certificate required). ☐ A Critical Lift Plan & Checklist prepared/executed (HS 506) prior to mobilization. ☐ Equipment will be inspected prior to mobilization and a Crane Pre-Operational Safety Checklist (see EHS 506) will be completed and signed by crane operator. ☐ Crane operator will remain at the controls at all times during operation. ☐ Crane operation must be performed under the direction of an appointed signal person at all times. ☐ Communication between crane operator and signal person will be maintained through standard hand signals or voice communication equipment. Radio equipment, if used, will be equipped with a dedicated channel. ☐ Lifting or lowering will not exceed 100ft/minute. Lowering must be controlled i.e. no free fall. ☐ Stop work will be issued whenever hoisting equipment is exposed to high winds. ☐ Outriggers will be fully extended/locked with a firm footing within the maximum safe slope (<1%). ☐ Crane to be on level, stable base, dunnage used when necessary. ☐ Total weight of load not to exceed 50% of rated capacity for the crane radius and configuration. ☐ Rigging procedures – see Hoisting, Lifting, Rigging, below. ☐ Suspended personnel lifting is prohibited (unless per approved “man-lift” equipment). ☐ No personnel permitted beneath suspended loads.
☐	HOISTING, LIFTING, RIGGING ☐ Crane ☐ Drill rig ☐ Loader, excavator, etc. ☐ Mechanical, electrical hoist	☐ Identify, coordinate with competent person. ☐ Rigging directly to the forks of a lull, forklift, or front loader equipped forks is prohibited. ☐ Do not exceed loading limits of equipment. ☐ A Critical Lift Checklist (see EHS 506) will be completed and signed prior to crane mobilization. ☐ Rigging, wire rope and hoisting equipment will be inspected and maintained on a weekly basis. ☐ Crane hooks will be equipped with safety latches.
☐	FORKLIFT Hazards: Struck By, Run-Over, Caught In Between (pinch points), Roll Over, Fluid Leaks	**In addition to general safety practices for heavy equipment (above), as applicable:** ☐ Qualified operater, per established forklift training (certificate is required) ☐ Equipment inspected daily and documented on Forklift Preoperation Inspection Checklist ☐ Operators required to use seatbelts, and adhere to safe operating procedures.

	HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
		☐ Do not exceed lifting load limits. ☐ Forklift shall not be moved/driven with empty forks in raised position. ☐ When not in use, forks lowered, brake set, controls in neutral, key removed.
☐	EXCAVATION/TRENCHING ☐ Max Depth ≥ 20' ☐ Max Depth ≥ 5' ☐ Max Depth <5' with potential cave-in hazard ☐ Potential permit-required confined space at depth ≥ 4' ☐ Underground utilities ☐ Overhead utilities ☐ Structures/foundations ☐ Falls into excavations	☐ Activities under supervision/oversight of competent person ☐ Sloping & shoring for excavations ≥20' are approved by a professional engineer ☐ Sloping & shoring for excavations ≥5' when persons are exposed to cave-in. ☐ Sloping & shoring for shallow (<5') excavations with cave-in hazard ☐ Excavations ≥ 4' are classified as a non-permit confined space ☐ Excavations ≥ 4' are classified as Alternate Entry or Permit-Required (see confined space) ☐ Implement underground utility clearance procedures. ☐ Hand digging within 3' of utility locations. ☐ Excavations to be protected by perimeter fencing (not barricade tape) ☐ Use trench boxes in accordance with proper procedures. ☐ Workers in trenches to be within 25 feet of ladder or sloped entryway.
☒	DRILLING ☒ Struck By, Run-Over, Caught In Between (pinch points), Roll Over, Fluid Leaks ☒ Underground utilities, aboveground ☒ Spills ☒ See Equipment/Machinery	☒ Contractor inspects drill rig daily before use. ☒ Drill rig equipped with operational emergency stop. ☒ Highpressure lines equipped with whip checks. ☒ High visibility vests, hard hats are being worn near the equipment. ☒ Operators and helpers will maintain a safe distance to moving parts. Individuals working near moving or rotating parts will secure loose hair, clothing, and equipment. ☒ Drill rigs will only be moved with masts lowered. Masts will be erected with outriggers fully extended when equipped with outriggers. ☒ Max. safe slope for rig will be followed, drill rig leveled, appropriate blocking/cribbing as needed. ☒ Spinning parts of the rig are guarded when possible, no loose clothing being worn near the rig. ☒ Follow underground utility clearance procedures. ☒ Area is surveyed for overhead utilities, safe clearance distance maintained. ☒ Hearing protection is used when working near the rig. ☒ Spill equipment is available for fuel and hydraulic fluid leaks.
☐	DEMOLITION	☐ Develop/implement demolition safety plan
☐	BLASTING	☐ Develop/implement blasting safety plan
11. CONFINED SPACES, HAZARDOUS ENCLOSED or INDOOR SPACES – CHECK IF NOT APPLICABLE: ☒		
Site-Specific Comments:		
☐	CONFINED SPACE(S) ☐ Permit required ☐ Non-permit required Potential/actual hazards: ☐ Atmospheric hazards: ☐ Flammable/explosive ☐ Oxygen deficiency ☐ Hydrogen sulfide ☐ Other toxic ☐ Combustible dust ☐ Electrical ☐ Mechanical, engulfment, entrapment, stored energy	☐ For personnel <u>working near confined</u> spaces: - Confined spaces have been identified, labeled. - Communication system in place to prevent unauthorized entry. ☐ For <u>permit-required confined space entry</u>, see separate entry permit. - All entrants, attendants, supervisors are trained/qualified. - Hazards properly characterized - Necessary equipment for safe entry utilized (access, retrieval, air monitoring) - Arrangements for rescue team have been made. ☐ For entry into a <u>non-permit</u> confined space, see site specific procedures delineated above in "site-specific comments," or see alternate/attached safety work plan.
☐	ENCLOSED/INDOOR SPACE(S) ☐ Outfall, culvert ☐ Tunnel, shaft, gallery ☐ Machine/equipment pit/vault ☐ Basement/Sub-basement ☐ Crawl space entry ☐ Indoor equipment/drilling	*<u>For indoor use of gasoline/propane/diesel equipment:</u>* ☐ Duct exhaust to outdoors, and/or introduce fresh air using ventilation/blowers/fans. ☐ Perform air monitoring (see section on Air Monitoring) *<u>For entry into potentially hazardous indoor or enclosed spaces:</u>* ☐ Ventilate and/or perform air monitoring for anticipated hazards. ☐ If space classified as confined space, follow confined space entry requirements (above).
12. COMMERCIAL CHEMICAL PRODUCTS USED AT WORK SITE – CHECK IF NOT APPLICABLE: ☐		
Site-Specific Comments: Alconox, Isopropyl Alcohol, Nitric Acid, etc.		

	HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
☒	PRODUCTS REGULATED BY HAZARD COMMUNICATION STANDARD	☒ Safety Data Sheets available, either on site or readily available within same work shift ☒ Containers labelled properly ☒ Workers trained on hazards ☒ For subcontractor use of chemical products, coordinate/discuss during safety meetings.
☒	COMPRESSED GAS(ES): Isosbutylene Calibration Gas for PID	☒ Secure cylinders upright, caps on when not in use, handle with care, prevent damage ☐ Propane cylinders not in use must be stored outdoors in cage or similar secure enclosure. ☐ Ensure acetylene cylinders NOT secured to steel arc welding bench ☐ Store/use in a manner to prevent asphyxiation hazard ☐ Segregate oxygen and fuel gases by distance (20') or barrier ☐ Control ignition sources, no smoking signage ☐ Use/store in a manner to control inhalation exposure hazards, PPE, air monitoring.
☐	FLAMM./COMBUST. LIQ.	☐ Proper storage (flam. storage cabinets, other storage precautions) ☐ Control ignition sources ☐ Grounding and bonding where appropriate
☐	CORROSIVES	☐ Handle with care, use appropriate eye/face/skin protection ☐ Eyewash, deluge shower, drench hose, hand washing (with water), as appropriate
☐	TOXIC	☐ For toxic substances, use/store in a manner to control exposure hazards (inhalation, ingestion, skin contact, skin absorption; use PPE as appropriate, conduct air monitoring as appropriate.
☐	CHEMICAL STORAGE	☐ Chemical storage cabinet, cage, storage room, or similar ☐ Incompatible chemicals segregated ☐ Secondary containment ☐ Safety equipment will be located near chemical storage.

13. CHEMICAL HAZARDS FROM ON-SITE CONTAMINANTS, OPERATIONS, EMISSIONS – CHECK IF N/A: ☐

Site-Specific Comments:

CHECK AS APPROPRIATE BELOW. PROVIDE ADDITIONAL INFO. AS APPROPRIATE, IN SITE-SPECIFIC HAZARD ANALYSIS ABOVE.

☒ Soil/groundwater contaminants (historical release)	☐ Oxygen deficiency	☐ Asbestos
☐ Recent release, known high concentrations	☒ Chlorinated VOCs (volatile org. cpds.)	☐ Lead paint
☐ Former chemical disposal site, landfill	☒ BTEX, petroleum derived VOCs	☐ Pesticides, herbicides, fungicides
☐ Urban fill, residual contaminants	☐ Fuel oils, petroleum, waste oil, lubricants	☐ Sensitizers
☐ Containerized waste (drums, process equipment)	☒ Metals, metal compounds, metal dusts	☐ Radioactive contaminants
☐ Buried drums (known or potential)	☐ Elemental mercury	☐ Other:
☐ Large containers, potential for spills	☒ Polyaromatic hydrocarbons (PAHs)	
☐ Emissions from active industrial processes	☒ Polychlorinated biphenyls (PCBs)	
☐ Emissions from welding/cutting/hot work	☐ Potential for flammable vapors	
☐ Carbon monoxide (vehicle/equipment exhaust)	☐ Potential for flammable gas (methane)	
☐ Contaminated building surfaces	☐ Corrosive, acids/caustics, strong irritants	
☐ Unexploded ordnance	☐ Sulfides, hydrogen sulfide (H2S)	
☐ Explosive dust	☐ Cyanides, hydrogen cyanide (HCN)	

☐	FOR SITE REGULATED AS "UNCONTROLLED HAZ. WASTE SITE," e.g. **REGULATED BY HAZWOPER** (OSHA 29 CFR 1910.120) - Establish work zones & site control plan (Exclusion Zone - EZ, Contaminant Reduction Zone - CRZ, Support Zone - SZ) - Workers to be aware of and trained on hazards per OSHA Hazard Communication Standard. - Include site map/figure depicting work locations and other relevant site-specific information. - Site workers in EZ or CRZ to have OSHA 40-hour training, current 8-hour refresher, 3 days supervised field expience. - Site workers in EZ or CRZ to participate in Medical Monitoring program. - "Peripheral" site workers, engaged on-site, with no hazardous exposure: 24 hr. training required. - Site supervisor(s) required to have 8-hr. Supervisor training. - Implement site-specific procedures for worker protection through engineering controls, work practices, personal protective equipment (PPE), air monitoring, decontamination, spill containment (see Sections B and C, "Health and Safety Equipment/Gear" and "Air Monitoring" - Include emergency response program in H&S plan.
☒	FOR SITE WITH CHEMICAL CONTAMINANTS BUT **NOT REGULATED BY HAZWOPER** - Workers to be aware of and trained on hazards per OSHA Hazard Communication Standard - Implement appropriate controls to minimize worker exposure (engineering controls, work practices) to levels below OSHA PELs. - Use PPE as needed (see B, "Health and Safety Equipment/Gear"). - Conduct air monitoring or personal air sampling to monitor and/or evaluate worker exposure (see Section C, "Air Monitoring").

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PRE-WORK TASK HAZARD ANALYSIS (THA)

HAZARD		HAZARD CONTROLS (check all that apply and comment as required)
☐	ATMOSPHERIC HAZARDS GENERATED BY EXHAUST FROM OPERATING EQUIPMENT ☐ Position work upwind of exhaust source ☐ Use blowers, fans to dissipate atmospheric hazards ☐ Conduct air monitoring (see Section C, ”Air Monitoring”).	
☐	OFF-SITE MIGRATION OF CONTAMINANTS	☐ Implement controls to minimize hazard migration (dust suppression, covers, foam, etc.) ☐ Community/perimeter air monitoring is not anticipated with the current scope of work. ☐ Community/perimeter air monitoring to be conducted per perimeter air monitoring plan.

EMERGENCY RESPONSE **(911 Service is Available ☒ Yes ☐ No)** ☒ Verify wireless coverage at site, use alternate communication procedures as needed.

Emergency Medical Treatment - Hospital Name: Hospital Address:	St Joseph’s Hospital 555 E. Market St Elmira NY 14901	**Number:**	607.733.6541
Urgent Care Med. Treatment - Clinic Name: Occupational Clinic Address:	Elmira Urgent Care 306 W. Water St., Elmira, NY 14905	**Number:**	607.732.1100
Fire Department Name	West Elmira Fire Department	**Number:**	911
Spill Response:	West Elmira Fire Department	**Number:**	911
Client Representative Name::	Kevin Krueger	**Office Number:** **Cell Number:**	(651) 687-2210
Geosyntec **Project Manager** Name:	Aron Krasnopoler	**Office Number:** **Cell Number:**	(410) 381-4333 (202)-550-7724
Geosyntec **Corporate H&S** Name:	Dale Prokopchak	**Office Number:** **Cell Number:**	804 332 6376 (804) 349-8067

Emergency Response Comments:

Date:	
Project Name: Former Sperry Remington Site North	
THA Title: DPT Borings for Soil Sample Collection	
Subcontractor Name(s):	
Geosyntec Representative (reviewed by):	**Michael Hansen**
Subcontractor Foreman/Supervisor Signature (authorize):	
Crew Signatures (acknowledge):	
Print Name	**Signature**

PLEASE RETURN A COPY OF THIS SIGNED PAGE TO GEOSYNTEC PROJECT MGR., SUPERINTENDENT UPON REVIEW AND ACKOWLEDGMENT BY THE CREW MEMBERS. ALL NEW CREW MEMBERS SHALL BE ORIENTATED THE SAME AND A SUBMITTAL OF A NEW SIGN IN SHEET SHALL BE COMPLETED.

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PRE-WORK TASK HAZARD ANALYSIS (THA)

TASK/ACTIVITY:	Hand Augering for Shallow Soil Sample Collection	**Date:**	6/1/2018
Project Name:	Former Sperry Remington Site North	**Client Name:**	Unisys Corporation
Project Number:	MN0832	**Geosyntec Proj. Mngr.:**	Aron Krasnopoler
Project Address:	777 Sourth Main Street, Elmira, New York	**Geosyntec Proj. Dir.:**	Paul Brookner
Task Description:	Collect surface soil samples from 0 to 2 inches below ground surface via hand augering for laboratory analyses		

A. SUMMARY OF SITE-SPECIFIC TASK HAZARD ANALYSIS

Site-Specific Comments:

Sub-Tasks, Activities	Hazards	Hazard Controls
Task 1: Mobilize to Site	-Driving -Mobilization to and around unfamiliar facility	- Drive carefully to facility, be well rested and avoid distracted driving. - Review scope of work.
Task 2: Locate Soil Sampling Locations Locate sampling locations. Place pin flags at all sampling locations. Boring location will be documented by GPS.	-Slips/trips/falls -Heat/cold stress -Biohazards: snakes, bees, spider, ticks, poison ivy	-Pay close attention to foot placement; slow deliberate movement. -Dress for weather conditions. Apply sunscreen if needed. -Beaware of surroundings and avoid biohazards.
Task 3: Surface Soil Sampling A decontaminated stainless steel hand auger or hand trowel will be used to collect each near surface soil sample.	-Same hazards noted above for Task 2. -Potential hand and back injuries. -Potential contaminant exposure: VOCs, PCBs, SVOCs	-Same hazard controls noted above for Task 2. -Before entering work area, don level D personal protective equipment (PPE). PPE will include: hard hat, safety glasses, safety vests, steel toe boots, nitrile gloves, and ear plugs or ear muffs. -Wear leather work gloves and safety glasses. -Avoid direct contact with contaminated matrices. -Pay close attention to the sharp edge of steel hand trowel to avoid cutting or other injuries to hands.
Task 4: Sample Collection, Labeling and Packing Homogenize samples in decontaminated stainless steel or disposable mixing containers. Place the homogenized sample in the laboratory-supplied sample containers and label the bottles. Pack samples in cooler with ice and proper quality assurance samples.	-Potential contaminant exposure: VOCs, PCBs, SVOCs -Back strain when transporting coolers full of collected samples packed with ice.	-Continue to wear level D PPE and minimize contact with sample material. -Use proper lifting techniques. Get assistance when possible, especially for containers heavier than 49 lbs.
Task 5: Equipment Decontamination Decontaminate equipment that will be reused (e.g. hand auger, trowel, et. al.)	-Slips, Trips, and Falls -Hand injuries during handling of equipment. -Potential contaminant exposure: VOCs, PCBs, SVOCs -Splash hazards	-Pay close attention to foot placement; slow deliberate movement. -Pay close attention to the sharp edge of steel hand trowel to avoid cutting or other injuries of hands. -Continue to wear level D PPE and minimize contact with water.
Task 6: Demobilization Demobilize from Site, making sure all work areas are clean and orderly	-Driving	-Drive carefully and avoid distracted driving. If too exhausted to drive safely back to the office make arrangements to stay at hotel.

B. HEALTH AND SAFETY EQUIPMENT/GEAR

Site-Specific Comments:

☒	PERSONAL PROTECTIVE EQUIPMENT (PPE)**:**	Level(s) of Protection (for chemical hazards):	☐ Level D (standard work clothes, no chemical protective clothing) ☒ Modified Level D (chemical protective clothing in addition to standard work clothes) ☐ Level C (air purifying respirator or dust mask, with chemical protective clothing) ☐ Level B or A (air supplied respirator, chemical protective suit)

		☒ Hard-toed boots/shoes ☒ Hardhat ☐ Noise/hearing protection ☒ High-visibility/reflective vest ☒ Work gloves, leather ☒ Eye/face protection ☒ Safety glasses with side shields ☐ Goggles ☐ Face shield ☐ Other: ☒ Chemical protective clothing ☒ Gloves, type: Nitrile ☐ Coveralls, type: ☐ Outer boots, boot covers ☐ Other:	☐ Respiratory Protection ☐ Disposable n-95 face mask ☐ Half-face air-purifying respirator ☐ Full-face air-purifying respirator ☐ Resp-cartridge, type: ☐ Other: ☐ Personal flotation device ☐ Personal fall apparatus ☐ Fire retardant clothing ☐ EH (Electrical Hazard) rated boots, gloves ☐ Other:
☒	OTHER H&S EQUIPMENT and GEAR:	☒ Fire extinguisher ☐ Caution tape ☒ Traffic control warning devices ☐ Warning signs or placards ☐ Decon supplies for personal decon ☐ Portable ground fault circuit interrupter (GFCI)	☐ Lockout/tagout equipment ☐ Ventilation equipment (fan, blower) ☒ First aid kit ☒ Vehicle emergency kit (flares, lights, reflective device) ☐ Other:

C. AIR MONITORING – CHECK IF NOT APPLICABLE: ☒

Site-Specific Comments:

☐	INSTRUMENT(S), EQUIPMENT	☐ PID, Lamp energy: eV ☐ FID ☐ Carbon monoxide detector ☐ Hydrogen sulfide detector ☐ Oxygen (O_2) detector	☐ Flammable gas (LEL) detector ☐ Particulate (dust) detector ☐ Calibration kit for each detector type ☐ Others:

☐	ACTION LEVELS FOR **O2/LEL**	☐ Oxygen	≤19.5% - provide ventilation to raise oxygen to acceptable levels, or utilize Level B. ≥23.0% - provide ventilation to lower oxygen to acceptable levels, or utilize Level B and implement controls for fire hazards, control ignition sources.
		☐ LEL	Confirm at least 12% oxygen is present to ensure accuracy of LEL readings. At <10% LEL - Continue working, continue to monitor LEL levels At ≥10% LEL- Immediately withdraw from area. Resume work ONLY after LEL readings reduced to <10% through passive dissipation, or active vapor control measures.

☐	ACTION LEVELS FOR **TOXICS** (sustained breathing zone concentrations)	**Parameters**	**Level D, Modified D**	**Use levels C or B, as indicated below, OR take action to reduce breathing zone level to concentration acceptable for Level D.**
		☐ VOCs	< ppm	ppm to ppm: Level C (air purifying respirator) > ppm: Level B (air-supplied respirator)
		☐ Carbon Monoxide	< 35 ppm	≥35 ppm - Level B (air-supplied respirator)
		☐ Hydrogen Sulfide	< 10 ppm	≥10 ppm - Level B (air-supplied respirator)
		☐ Total Dust	< mg/m³	> mg/m³ - Level C (air-purifying respirator)
		☐		
		☐		

HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
1. PREMISES/ENVIRONMENTAL HAZARDS	
Site-Specific Comments:	
☒ LOCATION HAZARDS ☒ Outdoor field work ☒ Urban, suburban ☐ Rural, remote location ☐ Indoor field work ☐ Operating facility ☐ Vacant facility ☐ Water hazards	☒ Use routine safety precautions commensurate with routine work environment conditions ☐ For non-routine, unique, or severe location hazards, see site-specific safety comments above. ☐ For water-related work, see #2, “Water Hazards” ☐ For worksite violence/security risks, see #3, “Violence, Security, Working Alone” ☒ For transportation related hazards, see #5, “Worksite Traffic, Vehicle, Transportation Hazards” ☒ For utility-related hazards, see # 6, “Utility-Related Hazards ☐ For atmospheric hazards in enclosed, indoor, or confined spaces, see # 11 “Confined Spaces or Hazardous Enclosed/Indoor Spaces”

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PRE-WORK TASK HAZARD ANALYSIS (THA)

	HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
☒	WALKING/WORKING SURFACES, HOUSEKEEPING ☒ Uneven, rough terrain, riprap ☒ Slippery surfaces ☐ Holes, pits, openings ☐ Puncture, foot hazards	☒ Keep work areas clean, orderly, dispose of trash/debris, maintain sanitary conditions. ☒ Walkways are cleared of equipment, excavated material, tools and debris, snow ☐ Holes, pits, openings to be covered or otherwise marked or guarded ☐ Apply absorbent, salt or sand, for traction/slip resistance on slippery/icy/wet surfaces ☒ Wear proper work boots/shoes with ankle support and/or traction, as appropriate for conditions
☒	TEMPERATURE/WEATHER ☒ Heat Stress ☒ Cold Stress ☒ Severe Weather ☒ Lightning	☒ Heat/Cold stress are monitored in accordance with Geosyntec procedures EHS 124 & EHS 125 ☒ Provide sufficient fluids, shade, breaks, other precautions as appropriate to adderss heat hazards. ☒ Provide protection from sun (sun screen, shaded brake area). ☐ For cold stress, wear multiple layers, protect from wind/wet, frequent break in warm location. ☐ In high wind, discontinue working at heights (e.g. on ladders, scaffold, aerial lift, similar). ☒ Use precautions for lightning, thunderstorm, hale, tornado (monitor weather, “30/30 rule,” shelter)
☒	BIOLOGICAL HAZARDS ☒ Insects, spiders, ticks ☐ Wild/feral/pet animals ☐ Mold, fungi ☒ Poisonous plants ☐ Bird Guano ☐ Infectious, wastewater, sewer ☐ Bloodborne pathogens	☒ Utilize safety practices commensurate with risk of biting/stinging insects, wild/feral/pet animals. ☒ For poisonous plants (poison ivy/oak/sumac/etc.), minimize exposed skin area, wear coveralls, use barrier cream/wash (Technu products or similar), as appropriate. For biological exposure hazards, use protective measures commensurate with hazard: ☒ Minor-moderate hazard - use ordinary hygiene practices, protective gloves, hand washing. ☐ Moderate-severe hazard - add protective clothing, respirator, decon, as appropriate. ☐ Bloodborne pathogen (human infectious agents) - implement “Universal Precautions”
☐	HAZARDOUS NOISE	☐ Hearing protection is used when exposed to excessive noise levels (greater than 85 dBA over an 8-hour work period, or intermittent….)
☐	OVERHEAD HAZARDS, FALLING OBJECTS	☐ Wear hardhat when exposed to overhead hazards, “bump” hazards, falling objects ☐ Cordon off hazard zones, route access/egress around hazards of falling objects ☐ Secure objects from falling ☐ Provide overhead protection (canopy) to protect public pedestrians, workers
☐	ILLUMINATION ☐ Night work ☐ Indoor work	☐ Make site-specific arrangements for illumination of work areas and access routes.
2. BOATING, WATER, WET LOCATIONS, FLOOD, ETC. – CHECK IF NOT APPLICABLE: ☒		
Site-Specific Comments:		
☐	WATER HAZARDS ☐ Drowning, hypothermia ☐ Boat, barge, raft ☐ Wading, wetland, mud/silt ☐ Dam release, flood, tide ☐ Diving	☐ Wear appropriate Coast Guard-approved Personal Flotation Device (PFD) ☐ Bring emergency rescue equipment (ring buoy, reaching device, flares) ☐ Use fuel safety practices, fire extinguisher present in boat ☐ See site-specific safety comments above.
3. VIOLENCE, PUBLIC PROTECTION, WORKING ALONE – SPECIAL MEASURES – CHECK IF NOT ANTICIPATED: ☒		
Site-Specific Comments:		
☐	PERSONAL SECURITY, HIGH CRIME AREA	☐ Employ standard precautions, which may include: conduct work only during daylight hours, use buddy system, avoid parking in secluded location, lock vehicles, hide valuable items in vehicles from plain view ☐ See site-specific safety comments above for project-specific security measures.
☐	PUBLIC AT RISK, SITE SECURITY	☐ Provide safe pedestrian route around work areas, use appropriate barriers, signs, warning devices. ☐ Provide covers over excavation, secure fencing, overnight protection ☐ Provide protection from overhead hazards (canopy, etc.) where public at risk of overhead hazards ☐ Provide secure locked storage of hazardous chemicals, hazardous equipment, etc.
☐	WORKING ALONE	☐ Establish “check in” procedure with supervisor or project manager (arrival, mid-day, departure) ☐ Additional measures, as appropriate for the working conditions.
4. DRIVING, TRAFFIC, TRANSPORTATION HAZARDS – CHECK IF NOT APPLICABLE: ☐		
Site-Specific Comments:		
☒	DRIVING HAZARDS ☒ Routine work travel ☐ Unfamiliar location ☐ Unfamiliar vehicle ☒ Overnight travel, distance	☒ Use routine safe/defensive driving practices (seat belts, safe speeds, eyes ahead, no tailgating, limit distractions, no texting, safe cell phone use, clear windows, account for weather/road conditions, adequate sleep, other measures as appropriate). ☒ Plan travel route before driving (assemble maps, enter destination in GPS). ☐ Familiarize yourself with vehicle operational controls before operating unfamiliar vehicle.

HAZARD		HAZARD CONTROLS (check all that apply and comment as required)
☒	WORKERS EXPOSED TO TRAFFIC HAZARDS ☒ In/near public or private roadway ☒ Parking lot, driveway ☐ Worksite, construction site traffic	☒ Workers to wear reflective vests where exposed to traffic hazards. ☒ Where possible, park vehicles as protective shield from oncoming traffic. ☒ Configure work area and support vehicles to minimize worker exposure to traffic hazards. ☐ DOT signal devices will be used to re-route vehicles around work area, site entrances/exits. ☐ Flaggers will be used and have DOT Flagger Training; police detail where appropriate or required. ☒ Park vehicles in secure location away from heavy equipment use or other site operations. ☐ Mark temporary roadways clearly, provide berms/stop logs where needed.
☐	RAILROAD/AIRPORT HAZARD	☐ Coordinate with rail company/airport and implement required safety measures ☐ Site workers to receive safety training for railroad/airport work.
☐	OFF-ROAD DRIVING, USE OF ALL-TERRAIN VEHICLE	☐ For off road driving, do not exceed capability of vehicle ☐ Follow ATV specific procedures for training, safety equipment, operation.
☐	TRANSPORTING MATERIALS, TOWING/HAULING LOADS	☐ Ensure load is firmly secured (rope, straps, load configuration) to prevent shifting during travel. ☐ For trailer use, verify signal/braking lights operational, rear-view mirrors effective, hitch/safety chains secure.
5. UTILITY-RELATED HAZARDS (for underground/overhead work) – CHECK IF NOT APPLICABLE: ☒		
Site-Specific Comments:		
☐	OVERHEAD UTILITIES	☐ Maintain proper clearance, employ other appropriate precautions for the conditions.
☐	UNDERGROUND UTILITIES	☐ Confirm appropriate underground utility clearance procedures have been completed prior to ground penetrations, and employ other utility clearance/locator practices, as appropriate for conditions.
6. ELECTRICAL HAZARDS – CHECK IF NOT APPLICABLE: ☒		
Site-Specific Comments:		
☐	WORKERS EXPOSED TO: ☐ Voltage < 50 v ☐ Voltage 50-600v ☐ Voltage > 600v ☐ AC ☐ DC ☐ 3-phase ☐ Battery and/or solar power ☐ Capacitor/Transformer	☐ Implement electrical safe work practices commensurate with the work to be performed, pertaining to the following (as applicable): - Worker training/qualification - Electrical equipment and hazards, safe design features - Electrical safe work practices - Grounding, use of GFCIs - Electrical equipment installation, operation, maintenance, repair - Arc flash protection - Electrical equipment diagnostics
☐	BASIC ELECTRICAL HAZARDS ☐ Equipment/tool use/operation ☐ Use of extension cords	☐ Control water-related hazards, in a manner appropriate for the job tasks/equipment/tool. ☐ Use extension cords/power cords properly, prevent damage, take out of service if damaged. ☐ Inspect tool/equipment/extension cords/power cords before each use. ☐ Use GFCI-protected outlet or portable GFCI in wet locations, outdoors, basements ☐ Ensure live parts are guarded, enclosures secure. ☐ Enclosures, circuits properly labeled.
☐	LOCKOUT/TAGOUT OF ELECTRICAL ENERGY	☐ Implement control-of-hazardous-energy practices (lockout/tagout), provide lockout/tagout locks and devices, training workers, designate “authorized” personnel, notify “affected” personnel
7. FALL HAZARDS – CHECK IF NOT ANTICIPATED: ☒		
Site-Specific Comments:		
☐	WORKING AT HEIGHTS ☐ Roof, skylight ☐ Elevated platform ☐ Holes, side opening ☐ Retaining wall, cliff, ledge ☐ Trench, excavation ☐ Protruding rebar	☐ Ensure guardrails present ☐ Use personal fall apparatus (PFA) ☐ Use tether or positioning device ☐ Restrict access to hazard (barriers, tape, sign) ☐ Ensure covers in place over holes ☐ Watch person ☐ Use fall protection net ☐ Restrict access beneath work to protect other site personnel from overhead hazards ☐ Install caps on protruding rebar
☐	LADDERS / STAIRS ☐ Extension ladders ☐ Step ladders ☐ Fixed ladders ☐ Stairs	☐ Provide instruction/review pertaining to safe ladder use ☐ Extension ladders are properly footed, secured, setup at proper angle ☐ Stepladders are set on level ground or properly shimmed with spreaders locked. ☐ Stairs have proper rise over run and stairs >4 steps or 4' have guardrails. ☐ Never use a step ladder as a straight ladder. All straight ladders shall be extended three rungs past leading edge. Never use metal ladders while working with electricity.

	HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
☐	AERIAL LIFT ☐ Scissor lift ☐ Extensible boom ☐ Articulated boom ☐ Vertical Lift ("Genie")	☐ Operators are sufficiently trained, experienced and qualified. ☐ Equipment is inspected after mobilization and is in good condition. ☐ Harness & Lanyard worn whenever operating the lift (scissor lifts may be excepted) ☐ Overhead and surface obstructions are reviewed with operators prior to use.
☐	SCAFFOLD ☐ Supported scaffold ☐ Suspended scaffold ☐ Free-standing/mobile scaffold	☐ Identify/coordinate operations with competent person ☐ Supported scaffold level, stable, proper attachments, tiebacks, planking, ☐ Suspended scaffolds anchored properly ☐ Guardrails present above 10 feet or personal fall apparatus used. ☐ Proper means of accessing scaffold (proper ladders, stair tower). ☐ Total height of free-standing scaffold not to exceed four times the minimum base dimension.
8. TOOLS, EQUIPMENT, MACHINERY – CHECK IF NOT APPLICABLE: ☐		
Site-Specific Comments:		
☒	HAND TOOLS Eye injury, puncture/bruise/ laceration hazard	☒ Use proper tool for the job, maintain tools in good condition (no damage, cutting tools sharp, etc.) use appropriate PPE for hand/eye/body protection, plan for safe "follow through" motion, use vise/clamp/work surface to hold/stabilize work piece
☐	POWER TOOLS ☐ Eye/hand/body injury ☐ Fuel-related hazards ☐ Inhalation hazard ☐ Noise ☐ Sparks, heat, fire hazard ☐ Electrical hazards	☐ For all power tools: - Inspect tools to ensure safe operating condition before each use. - Use tool in accordance with manufacturer's specifications. - Use PPE or other safety practices, as appropriate, for eye/hearing/hand/head/body protection - Provide training or verify operator qualification for use of power tool. - Stay clear of hazard zone, "line of fire" when working near where power tools are used. ☐ Use safety practices for refueling, fuel handling/transport/storage. ☐ Use respirators, ventilation, wet methods, other appropriate means to control inhalation hazard. ☐ For spark/heat generating tool, control fire hazards, segregate combustible/flammable materials. ☐ For electrical hazards, see # 6, "Electrical Hazards".
☐	WELDING, CUTTING ☐ Gas welding/cutting ☐ Arc welding/cutting	☐ Hot work permit system to be implemented. ☐ Operator properly protected (eye protection, clothing, apron, etc.) ☐ Fire hazard controls (watcher, fire extinguisher, water, isolate combustibles) ☐ Protect nearby personnel from hazardous UV, IR light (shielding, curtain) ☐ Electrical safe work practices for arc welding ☐ Gas cylinder safe practices (secured, upright, caps on when not in use, prevent damage).
☐	EQUIPMENT/MACHINERY ☐ Point-of-operation hazards ☐ Pinch points, moving parts ☐ 'Struck-by,' 'caught between' ☐ Hot surfaces, heat ☐ Extension cords, flexible wire ☐ Fuel related (gas or liquid) ☐ Hydraulic pressure ☐ Compressed air/gas ☐ Kinetic, stored energy ☐ Noise ☐ Lockout/tagout ☐ Emissions, discharge gases ☐ Working at heights, falls ☐ Lifting, repetitive motion ☐ Illumination ☐ Electrical (see below)	☐ *Working Near* Equipment/Machinery ☐ Work at safe distance/restrict access, ensure guards in place, heed warning signs ☐ Implement measures necessary for adequate illumination ☐ Control exposue to emission/discharge gases (ventilation, PPE, other means). ☐ Ensure safe practices for fuels/fluids/machine-related hazardous materials ☐ Use PPE or other safety practices for eye/hearing/hand/head/body protection ☐ Segregate combustible materials from hot surfaces/hot exhaust (minimum 3 feet) ☐ Operation/Maintenance/Repair of Equipment/Machinery (see applicable control measures above) ☐ Orient/locate equipment for safe access during operation and maintenance ☐ Use equipment/machinery in accordance with manufacturer's specifications ☐ Use safe lifting practices, minimize repetitive motion hazards ☐ Ensure point-of-operation, mechanical power transmission, other moving parts are guarded with protective devices; do not override interlocks, guards, protective devices ☐ Secure long hair/loose clothing/hanging jewelry near moving/rotating parts ☐ Ensure appropriate warning signs are in place and heeded ☐ Use safe practices for fueling, fuel transport & storage. ☐ Operate fuel-powered equipment in well ventilated location. ☐ Incorporate safety provisions/safe work practices for compressed air, pressurized systems (pneumatic/hydraulic), stored energy ☐ Implement control-of-hazardous-energy practices (lockout/tagout), designate "authorized" personnel, notify "affected" personnel ☐ Protect from fall hazards (safe ladder use, personal fall protection, guardrails, other) ☐
☐	ELECTRICAL HAZARDS	☐ Implement provisions of # 6, "Electrical Hazards"
9. MANUAL MATERIAL HANDLING, MATERIAL STORAGE – CHECK IF NOT APPLICABLE: ☐		

	HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
Site-Specific Comments:		
☒	LIFTING / ERGONOMIC Musculoskeletal strain, repetitive motion injury	☒ Use proper manual lifting techniques (straight back, bend at knees, firm grasp, firm footing). ☒ Seek assistance for lifting heavy objects (>50 lbs.) ☐ Use mechanical lifting equipment to reduce manual material handling hazard ☒ For repetitive motion activities, take breaks, switch hands, share task with others, employ other safe practices appropriate for the specific task(s).
☐	STORAGE OF MATERIALS See Sect. 12 for Chemical Storage	☐ Store materials in stable manner that prevents tipping, sliding, rolling, falling over. ☐ Materials stored in tiers to be stacked, racked, blocked, interlocked or otherwise secured to prevent sliding, falling or collapse ☐ Do not exceed load limits of racks, platform; ensure racks are stable, robust, secure ☐ On scaffold, do not store materials in excess of supplies needed for immediate use ☐ Ensure stored materials do not block aisles, passageways ☐ For used lumber, remove nails before stacking, and stack to be stable and self supporting, no higher than 20 feet (or 16 feet if lumber is to be handled manually) ☐ Debris will be removed regularly from storage area and place in designated area or disposed.
10. CONSTRUCTION OPERATIONS, HEAVY EQUIPMENT, HEAVY VEHICLES – CHECK IF NOT ANTICIPATED: ☒		
Site-Specific Comments:		
☐	HEAVY EQUIPMENT; CONSTRUCTION VEHICLES Hazards: Struck By, Run-Over, Caught In Between (pinch points), Roll Over, Fluid Leaks	☐ Trained/qualified persons operate all heavy equipment. ☐ No passengers on moving/operating equipment except where passenger seat/restraint is present. ☐ Equipment inspected upon mobilization and daily; maintained in good repair, backup alarms ☐ All leaks or defective safety equipment will be repaired before use. ☐ Operators required to use seatbelts. ☐ Eye contact with operator and use of hand signals prior to approaching near equipment. ☐ High visibility vests are required of all personnel in work area. ☐ Max. safe slope for each vehicle will be followed. ☐ Personnel to stay clear of swing radius of equipment. ☐ Spill equipment available for fuel and hydraulic fluid leaks. ☐ Equipment locked, secured, brakes set, buckets/forks lowered, when not in use.
☐	CRANES Overhead hazards – utility lines, swing radius, falling objects, wire ropes and hoisting equipment ☐ Overbalancing – high winds, outrigger placement, overloading, safe slope ☐ Struck By, Run-Over, Caught In Between (pinch points), Roll Over, Fluid Leaks	**In addition to general safety practices for heavy equipment (above), as applicable:** ☐ Only qualified persons operate cranes (certificate required). ☐ A Critical Lift Plan & Checklist prepared/executed (HS 506) prior to mobilization. ☐ Equipment will be inspected prior to mobilization and a Crane Pre-Operational Safety Checklist (see EHS 506) will be completed and signed by crane operator. ☐ Crane operator will remain at the controls at all times during operation. ☐ Crane operation must be performed under the direction of an appointed signal person at all times. ☐ Communication between crane operator and signal person will be maintained through standard hand signals or voice communication equipment. Radio equipment, if used, will be equipped with a dedicated channel. ☐ Lifting or lowering will not exceed 100ft/minute. Lowering must be controlled i.e. no free fall. ☐ Stop work will be issued whenever hoisting equipment is exposed to high winds. ☐ Outriggers will be fully extended/locked with a firm footing within the maximum safe slope (<1%). ☐ Crane to be on level, stable base, dunnage used when necessary. ☐ Total weight of load not to exceed 50% of rated capacity for the crane radius and configuration. ☐ Rigging procedures – see Hoisting, Lifting, Rigging, below. ☐ Suspended personnel lifting is prohibited (unless per approved “man-lift” equipment). ☐ No personnel permitted beneath suspended loads.
☐	HOISTING, LIFTING, RIGGING ☐ Crane ☐ Drill rig ☐ Loader, excavator, etc. ☐ Mechanical, electrical hoist	☐ Identify, coordinate with competent person. ☐ Rigging directly to the forks of a lull, forklift, or front loader equipped forks is prohibited. ☐ Do not exceed loading limits of equipment. ☐ A Critical Lift Checklist (see EHS 506) will be completed and signed prior to crane mobilization. ☐ Rigging, wire rope and hoisting equipment will be inspected and maintained on a weekly basis. ☐ Crane hooks will be equipped with safety latches.
☐	FORKLIFT Hazards: Struck By, Run-Over, Caught In Between (pinch points), Roll Over, Fluid Leaks	**In addition to general safety practices for heavy equipment (above), as applicable:** ☐ Qualified operater, per established forklift training (certificate is required) ☐ Equipment inspected daily and documented on Forklift Preoperation Inspection Checklist ☐ Operators required to use seatbelts, and adhere to safe operating procedures.

	HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
		☐ Do not exceed lifting load limits. ☐ Forklift shall not be moved/driven with empty forks in raised position. ☐ When not in use, forks lowered, brake set, controls in neutral, key removed.
☐	EXCAVATION/TRENCHING ☐ Max Depth ≥ 20' ☐ Max Depth ≥ 5' ☐ Max Depth <5' with potential cave-in hazard ☐ Potential permit-required confined space at depth ≥ 4' ☐ Underground utilities ☐ Overhead utilities ☐ Structures/foundations ☐ Falls into excavations	☐ Activities under supervision/oversight of competent person ☐ Sloping & shoring for excavations ≥20' are approved by a professional engineer ☐ Sloping & shoring for excavations ≥5' when persons are exposed to cave-in. ☐ Sloping & shoring for shallow (<5') excavations with cave-in hazard ☐ Excavations ≥ 4' are classified as a non-permit confined space ☐ Excavations ≥ 4' are classified as Alternate Entry or Permit-Required (see confined space) ☐ Implement underground utility clearance procedures. ☐ Hand digging within 3' of utility locations. ☐ Excavations to be protected by perimeter fencing (not barricade tape) ☐ Use trench boxes in accordance with proper procedures. ☐ Workers in trenches to be within 25 feet of ladder or sloped entryway.
☐	DRILLING ☐ Struck By, Run-Over, Caught In Between (pinch points), Roll Over, Fluid Leaks ☐ Underground utilities, aboveground ☐ Spills ☐ See Equipment/Machinery	☐ Contractor inspects drill rig daily before use. ☐ Drill rig equipped with operational emergency stop. ☐ Highpressure lines equipped with whip checks. ☐ High visibility vests, hard hats are being worn near the equipment. ☐ Operators and helpers will maintain a safe distance to moving parts. Individuals working near moving or rotating parts will secure loose hair, clothing, and equipment. ☐ Drill rigs will only be moved with masts lowered. Masts will be erected with outriggers fully extended when equipped with outriggers. ☐ Max. safe slope for rig will be followed, drill rig leveled, appropriate blocking/cribbing as needed. ☐ Spinning parts of the rig are guarded when possible, no loose clothing being worn near the rig. ☐ Follow underground utility clearance procedures. ☐ Area is surveyed for overhead utilities, safe clearance distance maintained. ☐ Hearing protection is used when working near the rig. ☐ Spill equipment is available for fuel and hydraulic fluid leaks.
☐	DEMOLITION	☐ Develop/implement demolition safety plan
☐	BLASTING	☐ Develop/implement blasting safety plan
11. CONFINED SPACES, HAZARDOUS ENCLOSED or INDOOR SPACES – CHECK IF NOT APPLICABLE: ☒		
Site-Specific Comments:		
☐	CONFINED SPACE(S) ☐ Permit required ☐ Non-permit required Potential/actual hazards: ☐ Atmospheric hazards: ☐ Flammable/explosive ☐ Oxygen deficiency ☐ Hydrogen sulfide ☐ Other toxic ☐ Combustible dust ☐ Electrical ☐ Mechanical, engulfment, entrapment, stored energy	☐ For personnel <u>working near confined</u> spaces: - Confined spaces have been identified, labeled. - Communication system in place to prevent unauthorized entry. ☐ For <u>permit-required confined space entry</u>, see separate entry permit. - All entrants, attendants, supervisors are trained/qualified. - Hazards properly characterized - Necessary equipment for safe entry utilized (access, retrieval, air monitoring) - Arrangements for rescue team have been made. ☐ For entry into a <u>non-permit</u> confined space, see site specific procedures delineated above in "site-specific comments," or see alternate/attached safety work plan.
☐	ENCLOSED/INDOOR SPACE(S) ☐ Outfall, culvert ☐ Tunnel, shaft, gallery ☐ Machine/equipment pit/vault ☐ Basement/Sub-basement ☐ Crawl space entry ☐ Indoor equipment/drilling	*<u>For indoor use of gasoline/propane/diesel equipment:</u>* ☐ Duct exhaust to outdoors, and/or introduce fresh air using ventilation/blowers/fans. ☐ Perform air monitoring (see section on Air Monitoring) *<u>For entry into potentially hazardous indoor or enclosed spaces:</u>* ☐ Ventilate and/or perform air monitoring for anticipated hazards. ☐ If space classified as confined space, follow confined space entry requirements (above).
12. COMMERCIAL CHEMICAL PRODUCTS USED AT WORK SITE – CHECK IF NOT APPLICABLE: ☐		
Site-Specific Comments:		

	HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
☒	PRODUCTS REGULATED BY HAZARD COMMUNICATION STANDARD	☒ Safety Data Sheets available, either on site or readily available within same work shift ☒ Containers labelled properly ☒ Workers trained on hazards ☒ For subcontractor use of chemical products, coordinate/discuss during safety meetings.
☒	COMPRESSED GAS(ES): Isosbutylene Calibration Gas for PID	☒ Secure cylinders upright, caps on when not in use, handle with care, prevent damage ☐ Propane cylinders not in use must be stored outdoors in cage or similar secure enclosure. ☐ Ensure acetylene cylinders NOT secured to steel arc welding bench ☐ Store/use in a manner to prevent asphyxiation hazard ☐ Segregate oxygen and fuel gases by distance (20') or barrier ☐ Control ignition sources, no smoking signage ☐ Use/store in a manner to control inhalation exposure hazards, PPE, air monitoring.
☐	FLAMM./COMBUST. LIQ.	☐ Proper storage (flam. storage cabinets, other storage precautions) ☐ Control ignition sources ☐ Grounding and bonding where appropriate
☐	CORROSIVES	☐ Handle with care, use appropriate eye/face/skin protection ☐ Eyewash, deluge shower, drench hose, hand washing (with water), as appropriate
☐	TOXIC	☐ For toxic substances, use/store in a manner to control exposure hazards (inhalation, ingestion, skin contact, skin absorption; use PPE as appropriate, conduct air monitoring as appropriate.
☐	CHEMICAL STORAGE	☐ Chemical storage cabinet, cage, storage room, or similar ☐ Incompatible chemicals segregated ☐ Secondary containment ☐ Safety equipment will be located near chemical storage.

13. CHEMICAL HAZARDS FROM ON-SITE CONTAMINANTS, OPERATIONS, EMISSIONS – CHECK IF N/A: ☐

Site-Specific Comments:

CHECK AS APPROPRIATE BELOW. PROVIDE ADDITIONAL INFO. AS APPROPRIATE, IN SITE-SPECIFIC HAZARD ANALYSIS ABOVE.

☒ Soil/groundwater contaminants (historical release)	☐ Oxygen deficiency	☐ Asbestos
☐ Recent release, known high concentrations	☒ Chlorinated VOCs (volatile org. cpds.)	☐ Lead paint
☐ Former chemical disposal site, landfill	☒ BTEX, petroleum derived VOCs	☐ Pesticides, herbicides, fungicides
☐ Urban fill, residual contaminants	☐ Fuel oils, petroleum, waste oil, lubricants	☐ Sensitizers
☐ Containerized waste (drums, process equipment)	☒ Metals, metal compounds, metal dusts	☐ Radioactive contaminants
☐ Buried drums (known or potential)	☐ Elemental mercury	☐ Other:
☐ Large containers, potential for spills	☒ Polyaromatic hydrocarbons (PAHs)	
☐ Emissions from active industrial processes	☒ Polychlorinated biphenyls (PCBs)	
☐ Emissions from welding/cutting/hot work	☐ Potential for flammable vapors	
☐ Carbon monoxide (vehicle/equipment exhaust)	☐ Potential for flammable gas (methane)	
☐ Contaminated building surfaces	☐ Corrosive, acids/caustics, strong irritants	
☐ Unexploded ordnance	☐ Sulfides, hydrogen sulfide (H2S)	
☐ Explosive dust	☐ Cyanides, hydrogen cyanide (HCN)	

☐	FOR SITE REGULATED AS "UNCONTROLLED HAZ. WASTE SITE," e.g. **REGULATED BY HAZWOPER** (OSHA 29 CFR 1910.120) - Establish work zones & site control plan (Exclusion Zone - EZ, Contaminant Reduction Zone - CRZ, Support Zone - SZ) - Workers to be aware of and trained on hazards per OSHA Hazard Communication Standard. - Include site map/figure depicting work locations and other relevant site-specific information. - Site workers in EZ or CRZ to have OSHA 40-hour training, current 8-hour refresher, 3 days supervised field expience. - Site workers in EZ or CRZ to participate in Medical Monitoring program. - "Peripheral" site workers, engaged on-site, with no hazardous exposure: 24 hr. training required. - Site supervisor(s) required to have 8-hr. Supervisor training. - Implement site-specific procedures for worker protection through engineering controls, work practices, personal protective equipment (PPE), air monitoring, decontamination, spill containment (see Sections B and C, "Health and Safety Equipment/Gear" and "Air Monitoring" - Include emergency response program in H&S plan.
☒	FOR SITE WITH CHEMICAL CONTAMINANTS BUT **NOT REGULATED BY HAZWOPER** - Workers to be aware of and trained on hazards per OSHA Hazard Communication Standard - Implement appropriate controls to minimize worker exposure (engineering controls, work practices) to levels below OSHA PELs. - Use PPE as needed (see B, "Health and Safety Equipment/Gear"). - Conduct air monitoring or personal air sampling to monitor and/or evaluate worker exposure (see Section C, "Air Monitoring").

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PRE-WORK TASK HAZARD ANALYSIS (THA)

HAZARD		HAZARD CONTROLS (check all that apply and comment as required)
☐	ATMOSPHERIC HAZARDS GENERATED BY EXHAUST FROM OPERATING EQUIPMENT ☐ Position work upwind of exhaust source ☐ Use blowers, fans to dissipate atmospheric hazards ☐ Conduct air monitoring (see Section C, "Air Monitoring").	
☐	OFF-SITE MIGRATION OF CONTAMINANTS	☐ Implement controls to minimize hazard migration (dust suppression, covers, foam, etc.) ☐ Community/perimeter air monitoring is not anticipated with the current scope of work. ☐ Community/perimeter air monitoring to be conducted per perimeter air monitoring plan.

EMERGENCY RESPONSE **(911 Service is Available ☒ Yes ☐ No)** ☒ Verify wireless coverage at site, use alternate communication procedures as needed.

Emergency Medical Treatment - Hospital Name: Hospital Address:	St Joseph's Hospital 555 E. Market St Elmira NY 14901	**Number:**	607.733.6541
Urgent Care Med. Treatment - Clinic Name: Occupational Clinic Address:	Elmira Urgent Care 306 W. Water St., Elmira, NY 14905	**Number:**	607.732.1100
Fire Department Name	West Elmira Fire Department	**Number:**	911
Spill Response:	West Elmira Fire Department	**Number:**	911
Client Representative Name::	Kevin Krueger	**Office Number:** **Cell Number:**	(651) 687-2210
Geosyntec **Project Manager** Name:	Aron Krasnopoler	**Office Number:** **Cell Number:**	(410) 381-4333 (202)-550-7724
Geosyntec **Corporate H&S** Name:	Dale Prokopchak	**Office Number:** **Cell Number:**	804 332 6376 (804) 349-8067

Emergency Response Comments:

Date:	
Project Name: Former Sperry Remington Site North	
THA Title: Hand Augering for Shallow Soil Sample Collection	
Subcontractor Name(s):	
Geosyntec Representative (reviewed by):	**Michael Hansen**
Subcontractor Foreman/Supervisor Signature (authorize):	
Crew Signatures (acknowledge):	
Print Name	**Signature**

PLEASE RETURN A COPY OF THIS SIGNED PAGE TO GEOSYNTEC PROJECT MGR., SUPERINTENDENT UPON REVIEW AND ACKOWLEDGMENT BY THE CREW MEMBERS. ALL NEW CREW MEMBERS SHALL BE ORIENTATED THE SAME AND A SUBMITTAL OF A NEW SIGN IN SHEET SHALL BE COMPLETED.

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PRE-WORK TASK HAZARD ANALYSIS (THA)

TASK/ACTIVITY:	Well Installation and Development	**Date:**	6/1/2018
Project Name:	Former Sperry Remington Site North	**Client Name:**	Unisys Corporation
Project Number:	MN0832	**Geosyntec Proj. Mngr.:**	Aron Krasnopoler
Project Address:	777 Sourth Main Street, Elmira, New York	**Geosyntec Proj. Dir.:**	Paul Brookner
Task Description:	Install and develop monitoring wells. Collect synoptic water levels.		

A. SUMMARY OF SITE-SPECIFIC TASK HAZARD ANALYSIS

Site-Specific Comments: Install and develop 3 wells from 25-45 feet in depths. Collect synoptic water levels from grundwater monitoring well network.

Sub-Tasks, Activities	Hazards	Hazard Controls
Task 1: Mobilize to Site	-Driving -Mobilization to and around unfamiliar facility	- Drive carefully to facility, be well rested and avoid distracted driving. - Review scope of work.
Task 2: Locate boring locations and clear drilling locations for above-ground and underground utiliites. Pin flags at all boring locations. Boring location will be documented by GPS.	-Slips/trips/falls -Heat/cold stress -Biohazards: snakes, bees, spider, ticks, poison ivy	-Pay close attention to foot placement; slow deliberate movement. -Dress for weather conditions. Apply sunscreen if needed. -Beaware of surroundings and avoid biohazards.
Task 3: Advance boring to desired depth or until water table is reached. Log, collect and classify material.	-Same hazards noted above for Task 2. -Drill Rig Hazards -Sharp edges on knife and on acetate sleeves used with DPT sampling and logging. -Potential contaminant exposure: VOCs, PCBs, SVOCs	-Same hazard controls noted above for Task 2. -Before entering work area, don level D personal protective equipment (PPE). PPE will include: hard hat, safety glasses, safety vests, steel toe boots, nitrile gloves; and ear plugs or ear muffs. -Avoid being in close proximity to drilling rig and pinch points. -Have a private utility locator clear each boring location for underground utiltities. -Avoid direct contact with contaminated matrices. -Pay close attention to the sharp edges and wear hand protection, such as leather gloves, if necessary.
Task 4: Build well according to specifications in work plan.	-Potential contaminant exposure: VOCs, PCBs, SVOCs -Back strain lifting heavy loads of bentonite and Portland.	-Continue to wear level D PPE and minimize contact with sample material. -Use proper lifting techniques. Get assistance when possible, especially for containers heavier than 49 lbs.
Task 5: Well Development	-Potential contact with contaminants. -Hand injuries -Drill Rig hazards	-Continue to wear PPE during well development -Use nitrile gloves to prevent contact with groundwater -Use work gloves during surging of well screen
Task 6: Equipment Decontamination Decontaminate equipment that will be reused	-Slips, Trips, and Falls -Hand injuries during handling of equipment. -Potential contaminant exposure: VOCs, PCBs, SVOCs -Splash hazards	-Pay close attention to foot placement; slow deliberate movement. -Pay close attention to the sharp edge of steel hand trowel to avoid cutting or other injuries of hands. -Continue to wear level D PPE and minimize contact with water.
Task 6: Survey of wells	-Slips, Trips, Falls	-Pay close attention to foot placement
Task7: Demobilization Demobilize from Site, making sure all work areas are clean and orderly	-Driving	-Drive carefully and avoid distracted driving. If too exhausted to drive safely back to the office make arrangements to stay at hotel.

B. HEALTH AND SAFETY EQUIPMENT/GEAR

Site-Specific Comments:

☒	PERSONAL PROTECTIVE EQUIPMENT (PPE)**:**	Level(s) of Protection (for chemical hazards):	☐ Level D (standard work clothes, no chemical protective clothing) ☒ Modified Level D (chemical protective clothing in addition to standard work clothes) ☐ Level C (air purifying respirator or dust mask, with chemical protective clothing) ☐ Level B or A (air supplied respirator, chemical protective suit)

		☒ Hard-toed boots/shoes ☒ Hardhat ☒ Noise/hearing protection ☒ High-visibility/reflective vest ☒ Work gloves ☒ Eye/face protection ☒ Safety glasses with side shields ☐ Goggles ☐ Face shield ☐ Other: ☒ Chemical protective clothing ☒ Gloves, type: Nitrile ☐ Coveralls, type: ☐ Outer boots, boot covers ☐ Other:	☐ Respiratory Protection ☐ Disposable n-95 face mask ☐ Half-face air-purifying respirator ☐ Full-face air-purifying respirator ☐ Resp-cartridge, type: ☐ Other: ☐ Personal flotation device ☐ Personal fall apparatus ☐ Fire retardant clothing ☐ EH (Electrical Hazard) rated boots, gloves ☐ Other:
☒	OTHER H&S EQUIPMENT and GEAR:	☒ Fire extinguisher ☒ Caution tape ☒ Traffic control warning devices ☐ Warning signs or placards ☐ Decon supplies for personal decon ☐ Portable ground fault circuit interrupter (GFCI)	☐ Lockout/tagout equipment ☐ Ventilation equipment (fan, blower) ☒ First aid kit ☒ Vehicle emergency kit (flares, lights, reflective device) ☐ Other:

C. AIR MONITORING – CHECK IF NOT APPLICABLE: ☐

Site-Specific Comments:

☒	INSTRUMENT(S), EQUIPMENT	☒ PID, Lamp energy: 10.6 eV ☐ FID ☐ Carbon monoxide detector ☐ Hydrogen sulfide detector ☐ Oxygen (O_2) detector	☐ Flammable gas (LEL) detector ☐ Particulate (dust) detector ☐ Calibration kit for each detector type ☐ Others:

☐	ACTION LEVELS FOR **O2/LEL**	☐ Oxygen	≤19.5% - provide ventilation to raise oxygen to acceptable levels, or utilize Level B. ≥23.0% - provide ventilation to lower oxygen to acceptable levels, or utilize Level B and implement controls for fire hazards, control ignition sources.
		☐ LEL	Confirm at least 12% oxygen is present to ensure accuracy of LEL readings. At <10% LEL - Continue working, continue to monitor LEL levels At ≥10% LEL- Immediately withdraw from area. Resume work ONLY after LEL readings reduced to <10% through passive dissipation, or active vapor control measures.

		Parameters	**Level D, Modified D**	**Use levels C or B, as indicated below, OR take action to reduce breathing zone level to concentration acceptable for Level D.**
☒	ACTION LEVELS FOR **TOXICS** (sustained breathing zone concentrations)	☒ VOCs	< 50 ppm	> 50 ppm: Stop work, evacuate the area. If upon return, levels still exceed the action level, stop work and implement engineering controls.
		☐ Carbon Monoxide	< 35 ppm	≥35 ppm - Level B (air-supplied respirator)
		☐ Hydrogen Sulfide	< 10 ppm	≥10 ppm - Level B (air-supplied respirator)
		☐ Total Dust	< mg/m³	> mg/m³ - Level C (air-purifying respirator)
		☐		
		☐		

HAZARD	**HAZARD CONTROLS (check all that apply and comment as required)**
1. PREMISES/ENVIRONMENTAL HAZARDS	
Site-Specific Comments:	
☒ LOCATION HAZARDS ☒ Outdoor field work ☒ Urban, suburban ☐ Rural, remote location ☐ Indoor field work ☐ Operating facility ☐ Vacant facility ☐ Water hazards	☒ Use routine safety precautions commensurate with routine work environment conditions ☐ For non-routine, unique, or severe location hazards, see site-specific safety comments above. ☐ For water-related work, see #2, “Water Hazards” ☐ For worksite violence/security risks, see #3, “Violence, Security, Working Alone” ☒ For transportation related hazards, see #5, “Worksite Traffic, Vehicle, Transportation Hazards” ☒ For utility-related hazards, see # 6, “Utility-Related Hazards ☐ For atmospheric hazards in enclosed, indoor, or confined spaces, see # 11 “Confined Spaces or Hazardous Enclosed/Indoor Spaces”

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PRE-WORK TASK HAZARD ANALYSIS (THA)

	HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
☒	WALKING/WORKING SURFACES, HOUSEKEEPING ☒ Uneven, rough terrain, riprap ☒ Slippery surfaces ☐ Holes, pits, openings ☐ Puncture, foot hazards	☒ Keep work areas clean, orderly, dispose of trash/debris, maintain sanitary conditions. ☒ Walkways are cleared of equipment, excavated material, tools and debris, snow ☐ Holes, pits, openings to be covered or otherwise marked or guarded ☐ Apply absorbent, salt or sand, for traction/slip resistance on slippery/icy/wet surfaces ☒ Wear proper work boots/shoes with ankle support and/or traction, as appropriate for conditions
☒	TEMPERATURE/WEATHER ☒ Heat Stress ☒ Cold Stress ☒ Severe Weather ☒ Lightning	☒ Heat/Cold stress are monitored in accordance with Geosyntec procedures EHS 124 & EHS 125 ☒ Provide sufficient fluids, shade, breaks, other precautions as appropriate to adderss heat hazards. ☒ Provide protection from sun (sun screen, shaded brake area). ☐ For cold stress, wear multiple layers, protect from wind/wet, frequent break in warm location. ☐ In high wind, discontinue working at heights (e.g. on ladders, scaffold, aerial lift, similar). ☒ Use precautions for lightning, thunderstorm, hale, tornado (monitor weather, “30/30 rule,” shelter)
☒	BIOLOGICAL HAZARDS ☒ Insects, spiders, ticks ☐ Wild/feral/pet animals ☐ Mold, fungi ☒ Poisonous plants ☐ Bird Guano ☐ Infectious, wastewater, sewer ☐ Bloodborne pathogens	☒ Utilize safety practices commensurate with risk of biting/stinging insects, wild/feral/pet animals. ☒ For poisonous plants (poison ivy/oak/sumac/etc.), minimize exposed skin area, wear coveralls, use barrier cream/wash (Technu products or similar), as appropriate. For biological exposure hazards, use protective measures commensurate with hazard: ☒ Minor-moderate hazard - use ordinary hygiene practices, protective gloves, hand washing. ☐ Moderate-severe hazard - add protective clothing, respirator, decon, as appropriate. ☐ Bloodborne pathogen (human infectious agents) - implement “Universal Precautions”
☒	HAZARDOUS NOISE	☒ Hearing protection is used when exposed to excessive noise levels (greater than 85 dBA over an 8-hour work period, or intermittent….)
☐	OVERHEAD HAZARDS, FALLING OBJECTS	☐ Wear hardhat when exposed to overhead hazards, “bump” hazards, falling objects ☐ Cordon off hazard zones, route access/egress around hazards of falling objects ☐ Secure objects from falling ☐ Provide overhead protection (canopy) to protect public pedestrians, workers
☐	ILLUMINATION ☐ Night work ☐ Indoor work	☐ Make site-specific arrangements for illumination of work areas and access routes.
2. BOATING, WATER, WET LOCATIONS, FLOOD, ETC. – CHECK IF NOT APPLICABLE: ☒		
Site-Specific Comments:		
☐	WATER HAZARDS ☐ Drowning, hypothermia ☐ Boat, barge, raft ☐ Wading, wetland, mud/silt ☐ Dam release, flood, tide ☐ Diving	☐ Wear appropriate Coast Guard-approved Personal Flotation Device (PFD) ☐ Bring emergency rescue equipment (ring buoy, reaching device, flares) ☐ Use fuel safety practices, fire extinguisher present in boat ☐ See site-specific safety comments above.
3. VIOLENCE, PUBLIC PROTECTION, WORKING ALONE – SPECIAL MEASURES – CHECK IF NOT ANTICIPATED: ☒		
Site-Specific Comments:		
☐	PERSONAL SECURITY, HIGH CRIME AREA	☐ Employ standard precautions, which may include: conduct work only during daylight hours, use buddy system, avoid parking in secluded location, lock vehicles, hide valuable items in vehicles from plain view ☐ See site-specific safety comments above for project-specific security measures.
☐	PUBLIC AT RISK, SITE SECURITY	☐ Provide safe pedestrian route around work areas, use appropriate barriers, signs, warning devices. ☐ Provide covers over excavation, secure fencing, overnight protection ☐ Provide protection from overhead hazards (canopy, etc.) where public at risk of overhead hazards ☐ Provide secure locked storage of hazardous chemicals, hazardous equipment, etc.
☐	WORKING ALONE	☐ Establish “check in” procedure with supervisor or project manager (arrival, mid-day, departure) ☐ Additional measures, as appropriate for the working conditions.
4. DRIVING, TRAFFIC, TRANSPORTATION HAZARDS – CHECK IF NOT APPLICABLE: ☐		
Site-Specific Comments:		
☒	DRIVING HAZARDS ☒ Routine work travel ☐ Unfamiliar location ☐ Unfamiliar vehicle ☒ Overnight travel, distance	☒ Use routine safe/defensive driving practices (seat belts, safe speeds, eyes ahead, no tailgating, limit distractions, no texting, safe cell phone use, clear windows, account for weather/road conditions, adequate sleep, other measures as appropriate). ☒ Plan travel route before driving (assemble maps, enter destination in GPS). ☐ Familiarize yourself with vehicle operational controls before operating unfamiliar vehicle.

	HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
☒	WORKERS EXPOSED TO TRAFFIC HAZARDS ☒ In/near public or private roadway ☒ Parking lot, driveway ☐ Worksite, construction site traffic	☒ Workers to wear reflective vests where exposed to traffic hazards. ☒ Where possible, park vehicles as protective shield from oncoming traffic. ☐ Configure work area and support vehicles to minimize worker exposure to traffic hazards. ☐ DOT signal devices will be used to re-route vehicles around work area, site entrances/exits. ☐ Flaggers will be used and have DOT Flagger Training; police detail where appropriate or required. ☒ Park vehicles in secure location away from heavy equipment use or other site operations. ☐ Mark temporary roadways clearly, provide berms/stop logs where needed.
☐	RAILROAD/AIRPORT HAZARD	☐ Coordinate with rail company/airport and implement required safety measures ☐ Site workers to receive safety training for railroad/airport work.
☐	OFF-ROAD DRIVING, USE OF ALL-TERRAIN VEHICLE	☐ For off road driving, do not exceed capability of vehicle ☐ Follow ATV specific procedures for training, safety equipment, operation.
☐	TRANSPORTING MATERIALS, TOWING/HAULING LOADS	☐ Ensure load is firmly secured (rope, straps, load configuration) to prevent shifting during travel. ☐ For trailer use, verify signal/braking lights operational, rear-view mirrors effective, hitch/safety chains secure.
5. UTILITY-RELATED HAZARDS (for underground/overhead work) – CHECK IF NOT APPLICABLE: ☐		
Site-Specific Comments: Be aware of piping for sprinkler system on football field.		
☒	OVERHEAD UTILITIES	☒ Maintain proper clearance, employ other appropriate precautions for the conditions.
☒	UNDERGROUND UTILITIES	☒ Confirm appropriate underground utility clearance procedures have been completed prior to ground penetrations, and employ other utility clearance/locator practices, as appropriate for conditions.
6. ELECTRICAL HAZARDS – CHECK IF NOT APPLICABLE: ☒		
Site-Specific Comments:		
☐	WORKERS EXPOSED TO: ☐ Voltage < 50 v ☐ Voltage 50-600v ☐ Voltage > 600v ☐ AC ☐ DC ☐ 3-phase ☐ Battery and/or solar power ☐ Capacitor/Transformer	☐ Implement electrical safe work practices commensurate with the work to be performed, pertaining to the following (as applicable): - Worker training/qualification - Electrical equipment and hazards, safe design features - Electrical safe work practices - Grounding, use of GFCIs - Electrical equipment installation, operation, maintenance, repair - Arc flash protection - Electrical equipment diagnostics
☐	BASIC ELECTRICAL HAZARDS ☐ Equipment/tool use/operation ☐ Use of extension cords	☐ Control water-related hazards, in a manner appropriate for the job tasks/equipment/tool. ☐ Use extension cords/power cords properly, prevent damage, take out of service if damaged. ☐ Inspect tool/equipment/extension cords/power cords before each use. ☐ Use GFCI-protected outlet or portable GFCI in wet locations, outdoors, basements ☐ Ensure live parts are guarded, enclosures secure. ☐ Enclosures, circuits properly labeled.
☐	LOCKOUT/TAGOUT OF ELECTRICAL ENERGY	☐ Implement control-of-hazardous-energy practices (lockout/tagout), provide lockout/tagout locks and devices, training workers, designate “authorized” personnel, notify “affected” personnel
7. FALL HAZARDS – CHECK IF NOT ANTICIPATED: ☒		
Site-Specific Comments:		
☐	WORKING AT HEIGHTS ☐ Roof, skylight ☐ Elevated platform ☐ Holes, side opening ☐ Retaining wall, cliff, ledge ☐ Trench, excavation ☐ Protruding rebar	☐ Ensure guardrails present ☐ Use personal fall apparatus (PFA) ☐ Use tether or positioning device ☐ Restrict access to hazard (barriers, tape, sign) ☐ Ensure covers in place over holes ☐ Watch person ☐ Use fall protection net ☐ Restrict access beneath work to protect other site personnel from overhead hazards ☐ Install caps on protruding rebar
☐	LADDERS / STAIRS ☐ Extension ladders ☐ Step ladders ☐ Fixed ladders ☐ Stairs	☐ Provide instruction/review pertaining to safe ladder use ☐ Extension ladders are properly footed, secured, setup at proper angle ☐ Stepladders are set on level ground or properly shimmed with spreaders locked. ☐ Stairs have proper rise over run and stairs >4 steps or 4' have guardrails. ☐ Never use a step ladder as a straight ladder. All straight ladders shall be extended three rungs past leading edge. Never use metal ladders while working with electricity.

	HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
☐	AERIAL LIFT ☐ Scissor lift ☐ Extensible boom ☐ Articulated boom ☐ Vertical Lift ("Genie")	☐ Operators are sufficiently trained, experienced and qualified. ☐ Equipment is inspected after mobilization and is in good condition. ☐ Harness & Lanyard worn whenever operating the lift (scissor lifts may be excepted) ☐ Overhead and surface obstructions are reviewed with operators prior to use.
☐	SCAFFOLD ☐ Supported scaffold ☐ Suspended scaffold ☐ Free-standing/mobile scaffold	☐ Identify/coordinate operations with competent person ☐ Supported scaffold level, stable, proper attachments, tiebacks, planking, ☐ Suspended scaffolds anchored properly ☐ Guardrails present above 10 feet or personal fall apparatus used. ☐ Proper means of accessing scaffold (proper ladders, stair tower). ☐ Total height of free-standing scaffold not to exceed four times the minimum base dimension.
8. TOOLS, EQUIPMENT, MACHINERY – CHECK IF NOT APPLICABLE: ☐		
Site-Specific Comments:		
☒	HAND TOOLS Eye injury, puncture/bruise/ laceration hazard	☒ Use proper tool for the job, maintain tools in good condition (no damage, cutting tools sharp, etc.) use appropriate PPE for hand/eye/body protection, plan for safe "follow through" motion, use vise/clamp/work surface to hold/stabilize work piece
☐	POWER TOOLS ☐ Eye/hand/body injury ☐ Fuel-related hazards ☐ Inhalation hazard ☐ Noise ☐ Sparks, heat, fire hazard ☐ Electrical hazards	☐ For all power tools: - Inspect tools to ensure safe operating condition before each use. - Use tool in accordance with manufacturer's specifications. - Use PPE or other safety practices, as appropriate, for eye/hearing/hand/head/body protection - Provide training or verify operator qualification for use of power tool. - Stay clear of hazard zone, "line of fire" when working near where power tools are used. ☐ Use safety practices for refueling, fuel handling/transport/storage. ☐ Use respirators, ventilation, wet methods, other appropriate means to control inhalation hazard. ☐ For spark/heat generating tool, control fire hazards, segregate combustible/flammable materials. ☐ For electrical hazards, see # 6, "Electrical Hazards".
☐	WELDING, CUTTING ☐ Gas welding/cutting ☐ Arc welding/cutting	☐ Hot work permit system to be implemented. ☐ Operator properly protected (eye protection, clothing, apron, etc.) ☐ Fire hazard controls (watcher, fire extinguisher, water, isolate combustibles) ☐ Protect nearby personnel from hazardous UV, IR light (shielding, curtain) ☐ Electrical safe work practices for arc welding ☐ Gas cylinder safe practices (secured, upright, caps on when not in use, prevent damage).
☒	EQUIPMENT/MACHINERY ☒ Point-of-operation hazards ☒ Pinch points, moving parts ☒ 'Struck-by,' 'caught between' ☐ Hot surfaces, heat ☐ Extension cords, flexible wire ☒ Fuel related (gas or liquid) ☐ Hydraulic pressure ☐ Compressed air/gas ☐ Kinetic, stored energy ☒ Noise ☐ Lockout/tagout ☒ Emissions, discharge gases ☐ Working at heights, falls ☐ Lifting, repetitive motion ☐ Illumination ☐ Electrical (see below)	☒ *Working Near* Equipment/Machinery ☒ Work at safe distance/restrict access, ensure guards in place, heed warning signs ☒ Implement measures necessary for adequate illumination ☒ Control exposue to emission/discharge gases (ventilation, PPE, other means). ☒ Ensure safe practices for fuels/fluids/machine-related hazardous materials ☒ Use PPE or other safety practices for eye/hearing/hand/head/body protection ☒ Segregate combustible materials from hot surfaces/hot exhaust (minimum 3 feet) ☐ Operation/Maintenance/Repair of Equipment/Machinery (see applicable control measures above) ☐ Orient/locate equipment for safe access during operation and maintenance ☐ Use equipment/machinery in accordance with manufacturer's specifications ☐ Use safe lifting practices, minimize repetitive motion hazards ☐ Ensure point-of-operation, mechanical power transmission, other moving parts are guarded with protective devices; do not override interlocks, guards, protective devices ☐ Secure long hair/loose clothing/hanging jewelry near moving/rotating parts ☐ Ensure appropriate warning signs are in place and heeded ☐ Use safe practices for fueling, fuel transport & storage. ☐ Operate fuel-powered equipment in well ventilated location. ☐ Incorporate safety provisions/safe work practices for compressed air, pressurized systems (pneumatic/hydraulic), stored energy ☐ Implement control-of-hazardous-energy practices (lockout/tagout), designate "authorized" personnel, notify "affected" personnel ☐ Protect from fall hazards (safe ladder use, personal fall protection, guardrails, other) ☐
☐	ELECTRICAL HAZARDS	☐ Implement provisions of # 6, "Electrical Hazards"
9. MANUAL MATERIAL HANDLING, MATERIAL STORAGE – CHECK IF NOT APPLICABLE: ☐		

	HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
Site-Specific Comments: Drum Handling and Sample Coolers		
☒	LIFTING / ERGONOMIC Musculoskeletal strain, repetitive motion injury	☒ Use proper manual lifting techniques (straight back, bend at knees, firm grasp, firm footing). ☒ Seek assistance for lifting heavy objects (>50 lbs.) ☐ Use mechanical lifting equipment to reduce manual material handling hazard ☒ For repetitive motion activities, take breaks, switch hands, share task with others, employ other safe practices appropriate for the specific task(s).
☐	STORAGE OF MATERIALS See Sect. 12 for Chemical Storage	☐ Store materials in stable manner that prevents tipping, sliding, rolling, falling over. ☐ Materials stored in tiers to be stacked, racked, blocked, interlocked or otherwise secured to prevent sliding, falling or collapse ☐ Do not exceed load limits of racks, platform; ensure racks are stable, robust, secure ☐ On scaffold, do not store materials in excess of supplies needed for immediate use ☐ Ensure stored materials do not block aisles, passageways ☐ For used lumber, remove nails before stacking, and stack to be stable and self supporting, no higher than 20 feet (or 16 feet if lumber is to be handled manually) ☐ Debris will be removed regularly from storage area and place in designated area or disposed.
10. CONSTRUCTION OPERATIONS, HEAVY EQUIPMENT, HEAVY VEHICLES – CHECK IF NOT ANTICIPATED: ☒		
Site-Specific Comments: DPT Drilling Rig		
☒	HEAVY EQUIPMENT; CONSTRUCTION VEHICLES Hazards: Struck By, Run-Over, Caught In Between (pinch points), Roll Over, Fluid Leaks	☒ Trained/qualified persons operate all heavy equipment. ☒ No passengers on moving/operating equipment except where passenger seat/restraint is present. ☒ Equipment inspected upon mobilization and daily; maintained in good repair, backup alarms ☐ All leaks or defective safety equipment will be repaired before use. ☒ Operators required to use seatbelts. ☒ Eye contact with operator and use of hand signals prior to approaching near equipment. ☒ High visibility vests are required of all personnel in work area. ☒ Max. safe slope for each vehicle will be followed. ☒ Personnel to stay clear of swing radius of equipment. ☒ Spill equipment available for fuel and hydraulic fluid leaks. ☒ Equipment locked, secured, brakes set, buckets/forks lowered, when not in use.
☐	CRANES Overhead hazards – utility lines, swing radius, falling objects, wire ropes and hoisting equipment ☐ Overbalancing – high winds, outrigger placement, overloading, safe slope ☐ Struck By, Run-Over, Caught In Between (pinch points), Roll Over, Fluid Leaks	**In addition to general safety practices for heavy equipment (above), as applicable:** ☐ Only qualified persons operate cranes (certificate required). ☐ A Critical Lift Plan & Checklist prepared/executed (HS 506) prior to mobilization. ☐ Equipment will be inspected prior to mobilization and a Crane Pre-Operational Safety Checklist (see EHS 506) will be completed and signed by crane operator. ☐ Crane operator will remain at the controls at all times during operation. ☐ Crane operation must be performed under the direction of an appointed signal person at all times. ☐ Communication between crane operator and signal person will be maintained through standard hand signals or voice communication equipment. Radio equipment, if used, will be equipped with a dedicated channel. ☐ Lifting or lowering will not exceed 100ft/minute. Lowering must be controlled i.e. no free fall. ☐ Stop work will be issued whenever hoisting equipment is exposed to high winds. ☐ Outriggers will be fully extended/locked with a firm footing within the maximum safe slope (<1%). ☐ Crane to be on level, stable base, dunnage used when necessary. ☐ Total weight of load not to exceed 50% of rated capacity for the crane radius and configuration. ☐ Rigging procedures – see Hoisting, Lifting, Rigging, below. ☐ Suspended personnel lifting is prohibited (unless per approved “man-lift” equipment). ☐ No personnel permitted beneath suspended loads.
☐	HOISTING, LIFTING, RIGGING ☐ Crane ☐ Drill rig ☐ Loader, excavator, etc. ☐ Mechanical, electrical hoist	☐ Identify, coordinate with competent person. ☐ Rigging directly to the forks of a lull, forklift, or front loader equipped forks is prohibited. ☐ Do not exceed loading limits of equipment. ☐ A Critical Lift Checklist (see EHS 506) will be completed and signed prior to crane mobilization. ☐ Rigging, wire rope and hoisting equipment will be inspected and maintained on a weekly basis. ☐ Crane hooks will be equipped with safety latches.
☐	FORKLIFT Hazards: Struck By, Run-Over, Caught In Between (pinch points), Roll Over, Fluid Leaks	**In addition to general safety practices for heavy equipment (above), as applicable:** ☐ Qualified operater, per established forklift training (certificate is required) ☐ Equipment inspected daily and documented on Forklift Preoperation Inspection Checklist ☐ Operators required to use seatbelts, and adhere to safe operating procedures.

	HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
		☐ Do not exceed lifting load limits. ☐ Forklift shall not be moved/driven with empty forks in raised position. ☐ When not in use, forks lowered, brake set, controls in neutral, key removed.
☐	EXCAVATION/TRENCHING ☐ Max Depth ≥ 20' ☐ Max Depth ≥ 5' ☐ Max Depth <5' with potential cave-in hazard ☐ Potential permit-required confined space at depth ≥ 4' ☐ Underground utilities ☐ Overhead utilities ☐ Structures/foundations ☐ Falls into excavations	☐ Activities under supervision/oversight of competent person ☐ Sloping & shoring for excavations ≥20' are approved by a professional engineer ☐ Sloping & shoring for excavations ≥5' when persons are exposed to cave-in. ☐ Sloping & shoring for shallow (<5') excavations with cave-in hazard ☐ Excavations ≥ 4' are classified as a non-permit confined space ☐ Excavations ≥ 4' are classified as Alternate Entry or Permit-Required (see confined space) ☐ Implement underground utility clearance procedures. ☐ Hand digging within 3' of utility locations. ☐ Excavations to be protected by perimeter fencing (not barricade tape) ☐ Use trench boxes in accordance with proper procedures. ☐ Workers in trenches to be within 25 feet of ladder or sloped entryway.
☒	DRILLING ☒ Struck By, Run-Over, Caught In Between (pinch points), Roll Over, Fluid Leaks ☒ Underground utilities, aboveground ☒ Spills ☒ See Equipment/Machinery	☒ Contractor inspects drill rig daily before use. ☒ Drill rig equipped with operational emergency stop. ☒ Highpressure lines equipped with whip checks. ☒ High visibility vests, hard hats are being worn near the equipment. ☒ Operators and helpers will maintain a safe distance to moving parts. Individuals working near moving or rotating parts will secure loose hair, clothing, and equipment. ☒ Drill rigs will only be moved with masts lowered. Masts will be erected with outriggers fully extended when equipped with outriggers. ☒ Max. safe slope for rig will be followed, drill rig leveled, appropriate blocking/cribbing as needed. ☒ Spinning parts of the rig are guarded when possible, no loose clothing being worn near the rig. ☒ Follow underground utility clearance procedures. ☒ Area is surveyed for overhead utilities, safe clearance distance maintained. ☒ Hearing protection is used when working near the rig. ☒ Spill equipment is available for fuel and hydraulic fluid leaks.
☐	DEMOLITION	☐ Develop/implement demolition safety plan
☐	BLASTING	☐ Develop/implement blasting safety plan
11. CONFINED SPACES, HAZARDOUS ENCLOSED or INDOOR SPACES – CHECK IF NOT APPLICABLE: ☒		
Site-Specific Comments:		
☐	CONFINED SPACE(S) ☐ Permit required ☐ Non-permit required Potential/actual hazards: ☐ Atmospheric hazards: ☐ Flammable/explosive ☐ Oxygen deficiency ☐ Hydrogen sulfide ☐ Other toxic ☐ Combustible dust ☐ Electrical ☐ Mechanical, engulfment, entrapment, stored energy	☐ For personnel <u>working near confined</u> spaces: - Confined spaces have been identified, labeled. - Communication system in place to prevent unauthorized entry. ☐ For <u>permit-required confined space entry</u>, see separate entry permit. - All entrants, attendants, supervisors are trained/qualified. - Hazards properly characterized - Necessary equipment for safe entry utilized (access, retrieval, air monitoring) - Arrangements for rescue team have been made. ☐ For entry into a <u>non-permit</u> confined space, see site specific procedures delineated above in "site-specific comments," or see alternate/attached safety work plan.
☐	ENCLOSED/INDOOR SPACE(S) ☐ Outfall, culvert ☐ Tunnel, shaft, gallery ☐ Machine/equipment pit/vault ☐ Basement/Sub-basement ☐ Crawl space entry ☐ Indoor equipment/drilling	*<u>For indoor use of gasoline/propane/diesel equipment:</u>* ☐ Duct exhaust to outdoors, and/or introduce fresh air using ventilation/blowers/fans. ☐ Perform air monitoring (see section on Air Monitoring) *<u>For entry into potentially hazardous indoor or enclosed spaces:</u>* ☐ Ventilate and/or perform air monitoring for anticipated hazards. ☐ If space classified as confined space, follow confined space entry requirements (above).
12. COMMERCIAL CHEMICAL PRODUCTS USED AT WORK SITE – CHECK IF NOT APPLICABLE: ☐		
Site-Specific Comments: Alconox, Isopropyl Alcohol, Nitric Acid, etc.		

	HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
☒	PRODUCTS REGULATED BY HAZARD COMMUNICATION STANDARD	☒ Safety Data Sheets available, either on site or readily available within same work shift ☒ Containers labelled properly ☒ Workers trained on hazards ☒ For subcontractor use of chemical products, coordinate/discuss during safety meetings.
☒	COMPRESSED GAS(ES): Isosbutylene Calibration Gas for PID	☒ Secure cylinders upright, caps on when not in use, handle with care, prevent damage ☐ Propane cylinders not in use must be stored outdoors in cage or similar secure enclosure. ☐ Ensure acetylene cylinders NOT secured to steel arc welding bench ☐ Store/use in a manner to prevent asphyxiation hazard ☐ Segregate oxygen and fuel gases by distance (20') or barrier ☐ Control ignition sources, no smoking signage ☐ Use/store in a manner to control inhalation exposure hazards, PPE, air monitoring.
☐	FLAMM./COMBUST. LIQ.	☐ Proper storage (flam. storage cabinets, other storage precautions) ☐ Control ignition sources ☐ Grounding and bonding where appropriate
☐	CORROSIVES	☐ Handle with care, use appropriate eye/face/skin protection ☐ Eyewash, deluge shower, drench hose, hand washing (with water), as appropriate
☐	TOXIC	☐ For toxic substances, use/store in a manner to control exposure hazards (inhalation, ingestion, skin contact, skin absorption; use PPE as appropriate, conduct air monitoring as appropriate.
☐	CHEMICAL STORAGE	☐ Chemical storage cabinet, cage, storage room, or similar ☐ Incompatible chemicals segregated ☐ Secondary containment ☐ Safety equipment will be located near chemical storage.

13. CHEMICAL HAZARDS FROM ON-SITE CONTAMINANTS, OPERATIONS, EMISSIONS – CHECK IF N/A: ☐

Site-Specific Comments:

CHECK AS APPROPRIATE BELOW. PROVIDE ADDITIONAL INFO. AS APPROPRIATE, IN SITE-SPECIFIC HAZARD ANALYSIS ABOVE.

☒ Soil/groundwater contaminants (historical release)	☐ Oxygen deficiency	☐ Asbestos
☐ Recent release, known high concentrations	☒ Chlorinated VOCs (volatile org. cpds.)	☐ Lead paint
☐ Former chemical disposal site, landfill	☒ BTEX, petroleum derived VOCs	☐ Pesticides, herbicides, fungicides
☐ Urban fill, residual contaminants	☐ Fuel oils, petroleum, waste oil, lubricants	☐ Sensitizers
☐ Containerized waste (drums, process equipment)	☒ Metals, metal compounds, metal dusts	☐ Radioactive contaminants
☐ Buried drums (known or potential)	☐ Elemental mercury	☐ Other:
☐ Large containers, potential for spills	☒ Polyaromatic hydrocarbons (PAHs)	
☐ Emissions from active industrial processes	☒ Polychlorinated biphenyls (PCBs)	
☐ Emissions from welding/cutting/hot work	☐ Potential for flammable vapors	
☐ Carbon monoxide (vehicle/equipment exhaust)	☐ Potential for flammable gas (methane)	
☐ Contaminated building surfaces	☐ Corrosive, acids/caustics, strong irritants	
☐ Unexploded ordnance	☐ Sulfides, hydrogen sulfide (H2S)	
☐ Explosive dust	☐ Cyanides, hydrogen cyanide (HCN)	

☐	FOR SITE REGULATED AS "UNCONTROLLED HAZ. WASTE SITE," e.g. **REGULATED BY HAZWOPER** (OSHA 29 CFR 1910.120) - Establish work zones & site control plan (Exclusion Zone - EZ, Contaminant Reduction Zone - CRZ, Support Zone - SZ) - Workers to be aware of and trained on hazards per OSHA Hazard Communication Standard. - Include site map/figure depicting work locations and other relevant site-specific information. - Site workers in EZ or CRZ to have OSHA 40-hour training, current 8-hour refresher, 3 days supervised field expience. - Site workers in EZ or CRZ to participate in Medical Monitoring program. - "Peripheral" site workers, engaged on-site, with no hazardous exposure: 24 hr. training required. - Site supervisor(s) required to have 8-hr. Supervisor training. - Implement site-specific procedures for worker protection through engineering controls, work practices, personal protective equipment (PPE), air monitoring, decontamination, spill containment (see Sections B and C, "Health and Safety Equipment/Gear" and "Air Monitoring" - Include emergency response program in H&S plan.
☒	FOR SITE WITH CHEMICAL CONTAMINANTS BUT **NOT REGULATED BY HAZWOPER** - Workers to be aware of and trained on hazards per OSHA Hazard Communication Standard - Implement appropriate controls to minimize worker exposure (engineering controls, work practices) to levels below OSHA PELs. - Use PPE as needed (see B, "Health and Safety Equipment/Gear"). - Conduct air monitoring or personal air sampling to monitor and/or evaluate worker exposure (see Section C, "Air Monitoring").

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PRE-WORK TASK HAZARD ANALYSIS (THA)

HAZARD		HAZARD CONTROLS (check all that apply and comment as required)
☐	ATMOSPHERIC HAZARDS GENERATED BY EXHAUST FROM OPERATING EQUIPMENT ☐ Position work upwind of exhaust source ☐ Use blowers, fans to dissipate atmospheric hazards ☐ Conduct air monitoring (see Section C, ”Air Monitoring”).	
☐	OFF-SITE MIGRATION OF CONTAMINANTS	☐ Implement controls to minimize hazard migration (dust suppression, covers, foam, etc.) ☐ Community/perimeter air monitoring is not anticipated with the current scope of work. ☐ Community/perimeter air monitoring to be conducted per perimeter air monitoring plan.

EMERGENCY RESPONSE **(911 Service is Available ☒ Yes ☐ No)** ☒ Verify wireless coverage at site, use alternate communication procedures as needed.

Emergency Medical Treatment - Hospital Name: Hospital Address:	St Joseph’s Hospital 555 E. Market St Elmira NY 14901	**Number:**	607.733.6541
Urgent Care Med. Treatment - Clinic Name: Occupational Clinic Address:	Elmira Urgent Care 306 W. Water St., Elmira, NY 14905	**Number:**	607.732.1100
Fire Department Name	West Elmira Fire Department	**Number:**	911
Spill Response:	West Elmira Fire Department	**Number:**	911
Client Representative Name::	Kevin Krueger	**Office Number:** **Cell Number:**	(651) 687-2210
Geosyntec **Project Manager** Name:	Aron Krasnopoler	**Office Number:** **Cell Number:**	(410) 381-4333 (202)-550-7724
Geosyntec **Corporate H&S** Name:	Dale Prokopchak	**Office Number:** **Cell Number:**	804 332 6376 (804) 349-8067

Emergency Response Comments:

Date:	
Project Name: Former Sperry Remington Site North	
THA Title: DPT Borings for Soil Sample Collection	
Subcontractor Name(s):	
Geosyntec Representative (reviewed by):	**Michael Hansen**
Subcontractor Foreman/Supervisor Signature (authorize):	
Crew Signatures (acknowledge):	
Print Name	**Signature**

PLEASE RETURN A COPY OF THIS SIGNED PAGE TO GEOSYNTEC PROJECT MGR., SUPERINTENDENT UPON REVIEW AND ACKOWLEDGMENT BY THE CREW MEMBERS. ALL NEW CREW MEMBERS SHALL BE ORIENTATED THE SAME AND A SUBMITTAL OF A NEW SIGN IN SHEET SHALL BE COMPLETED.

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PRE-WORK TASK HAZARD ANALYSIS (THA)

TASK/ACTIVITY:	Monitoring Well Inspection and Synoptic Water Level Measurements	**Date:**	6/1/2018
Project Name:	Former Sperry Remington Site North	**Client Name:**	Unisys Corporation
Project Number:	MN0832	**Geosyntec Proj. Mngr.:**	Aron Krasnopoler
Project Address:	777 Sourth Main Street, Elmira, New York	**Geosyntec Proj. Dir.:**	Paul Brookner
Task Description:	Inspect existing monitoring wells and take depth to water and depth to bottom measurements at each location.		

A. SUMMARY OF SITE-SPECIFIC TASK HAZARD ANALYSIS

Site-Specific Comments: Some monitoring locations are in parking lot areas and may have traffic related hazards.

Sub-Tasks, Activities	Hazards	Hazard Controls
Task 1: Mobilize to Site	-Driving -Mobilization to and around unfamiliar facility	- Drive carefully to facility, be well rested and avoid distracted driving. - Review scope of work.
Task 2: Locate monitoring well	-Slips/trips/falls -Heat/cold stress -Biohazards: snakes, bees, spider, ticks, poison ivy -Potential contaminant exposure: VOCs, PCBs, SVOCs -Traffic	-Pay close attention to foot placement; slow deliberate movement. -Dress for weather conditions. Apply sunscreen if needed. -Beaware of surroundings and avoid biohazards. - don level D personal protective equipment (PPE). PPE will include: safety glasses, safety vests, steel toe boots, and nitrile gloves. - see traffic hazard controls
Task 3: Measure depth to water, depth to bottom, and complete monitoring well inspections.	-Same hazards noted above for Task 2. -Splash harzards. .	-Same hazard controls noted above for Task 2. -Avoid direct contact with contaminated matrices and/or equipment.
Task 4: Equipment Decontamination Decontaminate equipment that will be reused (e.g. water level indicator)	-Slips, Trips, and Falls -Potential contaminant exposure: VOCs, PCBs, SVOCs -Splash hazards	-Pay close attention to foot placement; slow deliberate movement. -Continue to wear level D PPE and minimize contact with water.
Task 5: Demobilization Demobilize from Site, making sure all work areas are clean and orderly.	-Driving	-Drive carefully and avoid distracted driving. If too exhausted to drive safely back to the office make arrangements to stay at hotel.

B. HEALTH AND SAFETY EQUIPMENT/GEAR

Site-Specific Comments:

☒	PERSONAL PROTECTIVE EQUIPMENT (PPE)**:**	Level(s) of Protection (for chemical hazards):	☐ Level D (standard work clothes, no chemical protective clothing) ☒ Modified Level D (chemical protective clothing in addition to standard work clothes) ☐ Level C (air purifying respirator or dust mask, with chemical protective clothing) ☐ Level B or A (air supplied respirator, chemical protective suit)

		☒ Hard-toed boots/shoes ☐ Hardhat ☐ Noise/hearing protection ☒ High-visibility/reflective vest ☒ Work gloves ☒ Eye/face protection ☒ Safety glasses with side shields ☐ Goggles ☐ Face shield ☐ Other: ☒ Chemical protective clothing ☒ Gloves, type: Nitrile ☐ Coveralls, type: ☐ Outer boots, boot covers ☐ Other:	☐ Respiratory Protection ☐ Disposable n-95 face mask ☐ Half-face air-purifying respirator ☐ Full-face air-purifying respirator ☐ Resp-cartridge, type: ☐ Other: ☐ Personal flotation device ☐ Personal fall apparatus ☐ Fire retardant clothing ☐ EH (Electrical Hazard) rated boots, gloves ☐ Other:
☒	OTHER H&S EQUIPMENT and GEAR:	☒ Fire extinguisher ☐ Caution tape ☒ Traffic control warning devices ☐ Warning signs or placards ☐ Decon supplies for personal decon ☐ Portable ground fault circuit interrupter (GFCI)	☐ Lockout/tagout equipment ☐ Ventilation equipment (fan, blower) ☒ First aid kit ☒ Vehicle emergency kit (flares, lights, reflective device) ☐ Other:

C. AIR MONITORING – CHECK IF NOT APPLICABLE: ☒

Site-Specific Comments:

☐	INSTRUMENT(S), EQUIPMENT	☐ PID, Lamp energy: eV ☐ FID ☐ Carbon monoxide detector ☐ Hydrogen sulfide detector ☐ Oxygen (O_2) detector	☐ Flammable gas (LEL) detector ☐ Particulate (dust) detector ☐ Calibration kit for each detector type ☐ Others:

☐	ACTION LEVELS FOR **O2/LEL**	☐ Oxygen	≤19.5% - provide ventilation to raise oxygen to acceptable levels, or utilize Level B. ≥23.0% - provide ventilation to lower oxygen to acceptable levels, or utilize Level B and implement controls for fire hazards, control ignition sources.
		☐ LEL	Confirm at least 12% oxygen is present to ensure accuracy of LEL readings. At <10% LEL - Continue working, continue to monitor LEL levels At ≥10% LEL- Immediately withdraw from area. Resume work ONLY after LEL readings reduced to <10% through passive dissipation, or active vapor control measures.

☐	ACTION LEVELS FOR **TOXICS** (sustained breathing zone concentrations)	**Parameters**	**Level D, Modified D**	**Use levels C or B, as indicated below, OR take action to reduce breathing zone level to concentration acceptable for Level D.**
		☐ VOCs	< ppm	ppm to ppm: Level C (air purifying respirator) > ppm: Level B (air-supplied respirator)
		☐ Carbon Monoxide	< 35 ppm	≥35 ppm - Level B (air-supplied respirator)
		☐ Hydrogen Sulfide	< 10 ppm	≥10 ppm - Level B (air-supplied respirator)
		☐ Total Dust	< mg/m³	> mg/m³ - Level C (air-purifying respirator)
		☐		
		☐		

HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
1. PREMISES/ENVIRONMENTAL HAZARDS	
Site-Specific Comments:	
☒ LOCATION HAZARDS ☒ Outdoor field work ☒ Urban, suburban ☐ Rural, remote location ☐ Indoor field work ☐ Operating facility ☐ Vacant facility ☐ Water hazards	☒ Use routine safety precautions commensurate with routine work environment conditions ☐ For non-routine, unique, or severe location hazards, see site-specific safety comments above. ☐ For water-related work, see #2, “Water Hazards” ☐ For worksite violence/security risks, see #3, “Violence, Security, Working Alone” ☒ For transportation related hazards, see #5, “Worksite Traffic, Vehicle, Transportation Hazards” ☐ For utility-related hazards, see # 6, “Utility-Related Hazards ☐ For atmospheric hazards in enclosed, indoor, or confined spaces, see # 11 “Confined Spaces or Hazardous Enclosed/Indoor Spaces”

	HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
☐	WALKING/WORKING SURFACES, HOUSEKEEPING ☒ Uneven, rough terrain, riprap ☒ Slippery surfaces ☐ Holes, pits, openings ☐ Puncture, foot hazards	☒ Keep work areas clean, orderly, dispose of trash/debris, maintain sanitary conditions. ☒ Walkways are cleared of equipment, excavated material, tools and debris, snow ☐ Holes, pits, openings to be covered or otherwise marked or guarded ☐ Apply absorbent, salt or sand, for traction/slip resistance on slippery/icy/wet surfaces ☒ Wear proper work boots/shoes with ankle support and/or traction, as appropriate for conditions
☒	TEMPERATURE/WEATHER ☒ Heat Stress ☒ Cold Stress ☒ Severe Weather ☒ Lightning	☒ Heat/Cold stress are monitored in accordance with Geosyntec procedures EHS 124 & EHS 125 ☒ Provide sufficient fluids, shade, breaks, other precautions as appropriate to adderss heat hazards. ☒ Provide protection from sun (sun screen, shaded brake area). ☐ For cold stress, wear multiple layers, protect from wind/wet, frequent break in warm location. ☐ In high wind, discontinue working at heights (e.g. on ladders, scaffold, aerial lift, similar). ☒ Use precautions for lightning, thunderstorm, hale, tornado (monitor weather, “30/30 rule,” shelter)
☒	BIOLOGICAL HAZARDS ☒ Insects, spiders, ticks ☐ Wild/feral/pet animals ☐ Mold, fungi ☒ Poisonous plants ☐ Bird Guano ☐ Infectious, wastewater, sewer ☐ Bloodborne pathogens	☒ Utilize safety practices commensurate with risk of biting/stinging insects, wild/feral/pet animals. ☒ For poisonous plants (poison ivy/oak/sumac/etc.), minimize exposed skin area, wear coveralls, use barrier cream/wash (Technu products or similar), as appropriate. For biological exposure hazards, use protective measures commensurate with hazard: ☒ Minor-moderate hazard - use ordinary hygiene practices, protective gloves, hand washing. ☐ Moderate-severe hazard - add protective clothing, respirator, decon, as appropriate. ☐ Bloodborne pathogen (human infectious agents) - implement “Universal Precautions”
☐	HAZARDOUS NOISE	☐ Hearing protection is used when exposed to excessive noise levels (greater than 85 dBA over an 8-hour work period, or intermittent….)
☐	OVERHEAD HAZARDS, FALLING OBJECTS	☐ Wear hardhat when exposed to overhead hazards, “bump” hazards, falling objects ☐ Cordon off hazard zones, route access/egress around hazards of falling objects ☐ Secure objects from falling ☐ Provide overhead protection (canopy) to protect public pedestrians, workers
☐	ILLUMINATION ☐ Night work ☐ Indoor work	☐ Make site-specific arrangements for illumination of work areas and access routes.
2. BOATING, WATER, WET LOCATIONS, FLOOD, ETC. – CHECK IF NOT APPLICABLE: ☒		
Site-Specific Comments:		
☐	WATER HAZARDS ☐ Drowning, hypothermia ☐ Boat, barge, raft ☐ Wading, wetland, mud/silt ☐ Dam release, flood, tide ☐ Diving	☐ Wear appropriate Coast Guard-approved Personal Flotation Device (PFD) ☐ Bring emergency rescue equipment (ring buoy, reaching device, flares) ☐ Use fuel safety practices, fire extinguisher present in boat ☐ See site-specific safety comments above.
3. VIOLENCE, PUBLIC PROTECTION, WORKING ALONE – SPECIAL MEASURES – CHECK IF NOT ANTICIPATED: ☐		
Site-Specific Comments:		
☐	PERSONAL SECURITY, HIGH CRIME AREA	☐ Employ standard precautions, which may include: conduct work only during daylight hours, use buddy system, avoid parking in secluded location, lock vehicles, hide valuable items in vehicles from plain view ☐ See site-specific safety comments above for project-specific security measures.
☐	PUBLIC AT RISK, SITE SECURITY	☐ Provide safe pedestrian route around work areas, use appropriate barriers, signs, warning devices. ☐ Provide covers over excavation, secure fencing, overnight protection ☐ Provide protection from overhead hazards (canopy, etc.) where public at risk of overhead hazards ☐ Provide secure locked storage of hazardous chemicals, hazardous equipment, etc.
☒	WORKING ALONE	☒ Establish “check in” procedure with supervisor or project manager (arrival, mid-day, departure) ☒ Additional measures, as appropriate for the working conditions.
4. DRIVING, TRAFFIC, TRANSPORTATION HAZARDS – CHECK IF NOT APPLICABLE: ☐		
Site-Specific Comments:		
☒	DRIVING HAZARDS ☒ Routine work travel ☐ Unfamiliar location ☐ Unfamiliar vehicle ☒ Overnight travel, distance	☒ Use routine safe/defensive driving practices (seat belts, safe speeds, eyes ahead, no tailgating, limit distractions, no texting, safe cell phone use, clear windows, account for weather/road conditions, adequate sleep, other measures as appropriate). ☒ Plan travel route before driving (assemble maps, enter destination in GPS). ☐ Familiarize yourself with vehicle operational controls before operating unfamiliar vehicle.

HAZARD		HAZARD CONTROLS (check all that apply and comment as required)
☒	WORKERS EXPOSED TO TRAFFIC HAZARDS ☒ In/near public or private roadway ☒ Parking lot, driveway ☐ Worksite, construction site traffic	☒ Workers to wear reflective vests where exposed to traffic hazards. ☒ Where possible, park vehicles as protective shield from oncoming traffic. ☒ Configure work area and support vehicles to minimize worker exposure to traffic hazards. ☐ DOT signal devices will be used to re-route vehicles around work area, site entrances/exits. ☐ Flaggers will be used and have DOT Flagger Training; police detail where appropriate or required. ☒ Park vehicles in secure location away from heavy equipment use or other site operations. ☐ Mark temporary roadways clearly, provide berms/stop logs where needed.
☐	RAILROAD/AIRPORT HAZARD	☐ Coordinate with rail company/airport and implement required safety measures ☐ Site workers to receive safety training for railroad/airport work.
☐	OFF-ROAD DRIVING, USE OF ALL-TERRAIN VEHICLE	☐ For off road driving, do not exceed capability of vehicle ☐ Follow ATV specific procedures for training, safety equipment, operation.
☐	TRANSPORTING MATERIALS, TOWING/HAULING LOADS	☐ Ensure load is firmly secured (rope, straps, load configuration) to prevent shifting during travel. ☐ For trailer use, verify signal/braking lights operational, rear-view mirrors effective, hitch/safety chains secure.
5. UTILITY-RELATED HAZARDS (for underground/overhead work) – CHECK IF NOT APPLICABLE: ☒		
Site-Specific Comments:		
☐	OVERHEAD UTILITIES	☐ Maintain proper clearance, employ other appropriate precautions for the conditions.
☐	UNDERGROUND UTILITIES	☐ Confirm appropriate underground utility clearance procedures have been completed prior to ground penetrations, and employ other utility clearance/locator practices, as appropriate for conditions.
6. ELECTRICAL HAZARDS – CHECK IF NOT APPLICABLE: ☒		
Site-Specific Comments:		
☐	WORKERS EXPOSED TO: ☐ Voltage < 50 v ☐ Voltage 50-600v ☐ Voltage > 600v ☐ AC ☐ DC ☐ 3-phase ☐ Battery and/or solar power ☐ Capacitor/Transformer	☐ Implement electrical safe work practices commensurate with the work to be performed, pertaining to the following (as applicable): - Worker training/qualification - Electrical equipment and hazards, safe design features - Electrical safe work practices - Grounding, use of GFCIs - Electrical equipment installation, operation, maintenance, repair - Arc flash protection - Electrical equipment diagnostics
☐	BASIC ELECTRICAL HAZARDS ☐ Equipment/tool use/operation ☐ Use of extension cords	☐ Control water-related hazards, in a manner appropriate for the job tasks/equipment/tool. ☐ Use extension cords/power cords properly, prevent damage, take out of service if damaged. ☐ Inspect tool/equipment/extension cords/power cords before each use. ☐ Use GFCI-protected outlet or portable GFCI in wet locations, outdoors, basements ☐ Ensure live parts are guarded, enclosures secure. ☐ Enclosures, circuits properly labeled.
☐	LOCKOUT/TAGOUT OF ELECTRICAL ENERGY	☐ Implement control-of-hazardous-energy practices (lockout/tagout), provide lockout/tagout locks and devices, training workers, designate “authorized” personnel, notify “affected” personnel
7. FALL HAZARDS – CHECK IF NOT ANTICIPATED: ☒		
Site-Specific Comments:		
☐	WORKING AT HEIGHTS ☐ Roof, skylight ☐ Elevated platform ☐ Holes, side opening ☐ Retaining wall, cliff, ledge ☐ Trench, excavation ☐ Protruding rebar	☐ Ensure guardrails present ☐ Use personal fall apparatus (PFA) ☐ Use tether or positioning device ☐ Restrict access to hazard (barriers, tape, sign) ☐ Ensure covers in place over holes ☐ Watch person ☐ Use fall protection net ☐ Restrict access beneath work to protect other site personnel from overhead hazards ☐ Install caps on protruding rebar
☐	LADDERS / STAIRS ☐ Extension ladders ☐ Step ladders ☐ Fixed ladders ☐ Stairs	☐ Provide instruction/review pertaining to safe ladder use ☐ Extension ladders are properly footed, secured, setup at proper angle ☐ Stepladders are set on level ground or properly shimmed with spreaders locked. ☐ Stairs have proper rise over run and stairs >4 steps or 4' have guardrails. ☐ Never use a step ladder as a straight ladder. All straight ladders shall be extended three rungs past leading edge. Never use metal ladders while working with electricity.

	HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
☐	AERIAL LIFT ☐ Scissor lift ☐ Extensible boom ☐ Articulated boom ☐ Vertical Lift ("Genie")	☐ Operators are sufficiently trained, experienced and qualified. ☐ Equipment is inspected after mobilization and is in good condition. ☐ Harness & Lanyard worn whenever operating the lift (scissor lifts may be excepted) ☐ Overhead and surface obstructions are reviewed with operators prior to use.
☐	SCAFFOLD ☐ Supported scaffold ☐ Suspended scaffold ☐ Free-standing/mobile scaffold	☐ Identify/coordinate operations with competent person ☐ Supported scaffold level, stable, proper attachments, tiebacks, planking, ☐ Suspended scaffolds anchored properly ☐ Guardrails present above 10 feet or personal fall apparatus used. ☐ Proper means of accessing scaffold (proper ladders, stair tower). ☐ Total height of free-standing scaffold not to exceed four times the minimum base dimension.
8. TOOLS, EQUIPMENT, MACHINERY – CHECK IF NOT APPLICABLE: ☐		
Site-Specific Comments: May use hand tools to open monitoring wells		
☒	HAND TOOLS Eye injury, puncture/bruise/ laceration hazard	☒ Use proper tool for the job, maintain tools in good condition (no damage, cutting tools sharp, etc.) use appropriate PPE for hand/eye/body protection, plan for safe "follow through" motion, use vise/clamp/work surface to hold/stabilize work piece
☐	POWER TOOLS ☐ Eye/hand/body injury ☐ Fuel-related hazards ☐ Inhalation hazard ☐ Noise ☐ Sparks, heat, fire hazard ☐ Electrical hazards	☐ For all power tools: - Inspect tools to ensure safe operating condition before each use. - Use tool in accordance with manufacturer's specifications. - Use PPE or other safety practices, as appropriate, for eye/hearing/hand/head/body protection - Provide training or verify operator qualification for use of power tool. - Stay clear of hazard zone, "line of fire" when working near where power tools are used. ☐ Use safety practices for refueling, fuel handling/transport/storage. ☐ Use respirators, ventilation, wet methods, other appropriate means to control inhalation hazard. ☐ For spark/heat generating tool, control fire hazards, segregate combustible/flammable materials. ☐ For electrical hazards, see # 6, "Electrical Hazards".
☐	WELDING, CUTTING ☐ Gas welding/cutting ☐ Arc welding/cutting	☐ Hot work permit system to be implemented. ☐ Operator properly protected (eye protection, clothing, apron, etc.) ☐ Fire hazard controls (watcher, fire extinguisher, water, isolate combustibles) ☐ Protect nearby personnel from hazardous UV, IR light (shielding, curtain) ☐ Electrical safe work practices for arc welding ☐ Gas cylinder safe practices (secured, upright, caps on when not in use, prevent damage).
☐	EQUIPMENT/MACHINERY ☐ Point-of-operation hazards ☐ Pinch points, moving parts ☐ 'Struck-by,' 'caught between' ☐ Hot surfaces, heat ☐ Extension cords, flexible wire ☐ Fuel related (gas or liquid) ☐ Hydraulic pressure ☐ Compressed air/gas ☐ Kinetic, stored energy ☐ Noise ☐ Lockout/tagout ☐ Emissions, discharge gases ☐ Working at heights, falls ☐ Lifting, repetitive motion ☐ Illumination ☐ Electrical (see below)	☐ *Working Near* Equipment/Machinery ☐ Work at safe distance/restrict access, ensure guards in place, heed warning signs ☐ Implement measures necessary for adequate illumination ☐ Control exposue to emission/discharge gases (ventilation, PPE, other means). ☐ Ensure safe practices for fuels/fluids/machine-related hazardous materials ☐ Use PPE or other safety practices for eye/hearing/hand/head/body protection ☐ Segregate combustible materials from hot surfaces/hot exhaust (minimum 3 feet) ☐ Operation/Maintenance/Repair of Equipment/Machinery (see applicable control measures above) ☐ Orient/locate equipment for safe access during operation and maintenance ☐ Use equipment/machinery in accordance with manufacturer's specifications ☐ Use safe lifting practices, minimize repetitive motion hazards ☐ Ensure point-of-operation, mechanical power transmission, other moving parts are guarded with protective devices; do not override interlocks, guards, protective devices ☐ Secure long hair/loose clothing/hanging jewelry near moving/rotating parts ☐ Ensure appropriate warning signs are in place and heeded ☐ Use safe practices for fueling, fuel transport & storage. ☐ Operate fuel-powered equipment in well ventilated location. ☐ Incorporate safety provisions/safe work practices for compressed air, pressurized systems (pneumatic/hydraulic), stored energy ☐ Implement control-of-hazardous-energy practices (lockout/tagout), designate "authorized" personnel, notify "affected" personnel ☐ Protect from fall hazards (safe ladder use, personal fall protection, guardrails, other) ☐
☐	ELECTRICAL HAZARDS	☐ Implement provisions of # 6, "Electrical Hazards"
9. MANUAL MATERIAL HANDLING, MATERIAL STORAGE – CHECK IF NOT APPLICABLE: ☒		

	HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
Site-Specific Comments:		
☐	LIFTING / ERGONOMIC Musculoskeletal strain, repetitive motion injury	☐ Use proper manual lifting techniques (straight back, bend at knees, firm grasp, firm footing). ☐ Seek assistance for lifting heavy objects (>50 lbs.) ☐ Use mechanical lifting equipment to reduce manual material handling hazard ☐ For repetitive motion activities, take breaks, switch hands, share task with others, employ other safe practices appropriate for the specific task(s).
☐	STORAGE OF MATERIALS See Sect. 12 for Chemical Storage	☐ Store materials in stable manner that prevents tipping, sliding, rolling, falling over. ☐ Materials stored in tiers to be stacked, racked, blocked, interlocked or otherwise secured to prevent sliding, falling or collapse ☐ Do not exceed load limits of racks, platform; ensure racks are stable, robust, secure ☐ On scaffold, do not store materials in excess of supplies needed for immediate use ☐ Ensure stored materials do not block aisles, passageways ☐ For used lumber, remove nails before stacking, and stack to be stable and self supporting, no higher than 20 feet (or 16 feet if lumber is to be handled manually) ☐ Debris will be removed regularly from storage area and place in designated area or disposed.
10. CONSTRUCTION OPERATIONS, HEAVY EQUIPMENT, HEAVY VEHICLES – CHECK IF NOT ANTICIPATED: ☒		
Site-Specific Comments:		
☐	HEAVY EQUIPMENT; CONSTRUCTION VEHICLES Hazards: Struck By, Run-Over, Caught In Between (pinch points), Roll Over, Fluid Leaks	☐ Trained/qualified persons operate all heavy equipment. ☐ No passengers on moving/operating equipment except where passenger seat/restraint is present. ☐ Equipment inspected upon mobilization and daily; maintained in good repair, backup alarms ☐ All leaks or defective safety equipment will be repaired before use. ☐ Operators required to use seatbelts. ☐ Eye contact with operator and use of hand signals prior to approaching near equipment. ☐ High visibility vests are required of all personnel in work area. ☐ Max. safe slope for each vehicle will be followed. ☐ Personnel to stay clear of swing radius of equipment. ☐ Spill equipment available for fuel and hydraulic fluid leaks. ☐ Equipment locked, secured, brakes set, buckets/forks lowered, when not in use.
☐	CRANES Overhead hazards – utility lines, swing radius, falling objects, wire ropes and hoisting equipment ☐ Overbalancing – high winds, outrigger placement, overloading, safe slope ☐ Struck By, Run-Over, Caught In Between (pinch points), Roll Over, Fluid Leaks	**In addition to general safety practices for heavy equipment (above), as applicable:** ☐ Only qualified persons operate cranes (certificate required). ☐ A Critical Lift Plan & Checklist prepared/executed (HS 506) prior to mobilization. ☐ Equipment will be inspected prior to mobilization and a Crane Pre-Operational Safety Checklist (see EHS 506) will be completed and signed by crane operator. ☐ Crane operator will remain at the controls at all times during operation. ☐ Crane operation must be performed under the direction of an appointed signal person at all times. ☐ Communication between crane operator and signal person will be maintained through standard hand signals or voice communication equipment. Radio equipment, if used, will be equipped with a dedicated channel. ☐ Lifting or lowering will not exceed 100ft/minute. Lowering must be controlled i.e. no free fall. ☐ Stop work will be issued whenever hoisting equipment is exposed to high winds. ☐ Outriggers will be fully extended/locked with a firm footing within the maximum safe slope (<1%). ☐ Crane to be on level, stable base, dunnage used when necessary. ☐ Total weight of load not to exceed 50% of rated capacity for the crane radius and configuration. ☐ Rigging procedures – see Hoisting, Lifting, Rigging, below. ☐ Suspended personnel lifting is prohibited (unless per approved “man-lift” equipment). ☐ No personnel permitted beneath suspended loads.
☐	HOISTING, LIFTING, RIGGING ☐ Crane ☐ Drill rig ☐ Loader, excavator, etc. ☐ Mechanical, electrical hoist	☐ Identify, coordinate with competent person. ☐ Rigging directly to the forks of a lull, forklift, or front loader equipped forks is prohibited. ☐ Do not exceed loading limits of equipment. ☐ A Critical Lift Checklist (see EHS 506) will be completed and signed prior to crane mobilization. ☐ Rigging, wire rope and hoisting equipment will be inspected and maintained on a weekly basis. ☐ Crane hooks will be equipped with safety latches.
☐	FORKLIFT Hazards: Struck By, Run-Over, Caught In Between (pinch points), Roll Over, Fluid Leaks	**In addition to general safety practices for heavy equipment (above), as applicable:** ☐ Qualified operater, per established forklift training (certificate is required) ☐ Equipment inspected daily and documented on Forklift Preoperation Inspection Checklist ☐ Operators required to use seatbelts, and adhere to safe operating procedures.

	HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
		☐ Do not exceed lifting load limits. ☐ Forklift shall not be moved/driven with empty forks in raised position. ☐ When not in use, forks lowered, brake set, controls in neutral, key removed.
☐	EXCAVATION/TRENCHING ☐ Max Depth ≥ 20' ☐ Max Depth ≥ 5' ☐ Max Depth <5' with potential cave-in hazard ☐ Potential permit-required confined space at depth ≥ 4' ☐ Underground utilities ☐ Overhead utilities ☐ Structures/foundations ☐ Falls into excavations	☐ Activities under supervision/oversight of competent person ☐ Sloping & shoring for excavations ≥20' are approved by a professional engineer ☐ Sloping & shoring for excavations ≥5' when persons are exposed to cave-in. ☐ Sloping & shoring for shallow (<5') excavations with cave-in hazard ☐ Excavations ≥ 4' are classified as a non-permit confined space ☐ Excavations ≥ 4' are classified as Alternate Entry or Permit-Required (see confined space) ☐ Implement underground utility clearance procedures. ☐ Hand digging within 3' of utility locations. ☐ Excavations to be protected by perimeter fencing (not barricade tape) ☐ Use trench boxes in accordance with proper procedures. ☐ Workers in trenches to be within 25 feet of ladder or sloped entryway.
☐	DRILLING ☐ Struck By, Run-Over, Caught In Between (pinch points), Roll Over, Fluid Leaks ☐ Underground utilities, aboveground ☐ Spills ☐ See Equipment/Machinery	☐ Contractor inspects drill rig daily before use. ☐ Drill rig equipped with operational emergency stop. ☐ Highpressure lines equipped with whip checks. ☐ High visibility vests, hard hats are being worn near the equipment. ☐ Operators and helpers will maintain a safe distance to moving parts. Individuals working near moving or rotating parts will secure loose hair, clothing, and equipment. ☐ Drill rigs will only be moved with masts lowered. Masts will be erected with outriggers fully extended when equipped with outriggers. ☐ Max. safe slope for rig will be followed, drill rig leveled, appropriate blocking/cribbing as needed. ☐ Spinning parts of the rig are guarded when possible, no loose clothing being worn near the rig. ☐ Follow underground utility clearance procedures. ☐ Area is surveyed for overhead utilities, safe clearance distance maintained. ☐ Hearing protection is used when working near the rig. ☐ Spill equipment is available for fuel and hydraulic fluid leaks.
☐	DEMOLITION	☐ Develop/implement demolition safety plan
☐	BLASTING	☐ Develop/implement blasting safety plan
11. CONFINED SPACES, HAZARDOUS ENCLOSED or INDOOR SPACES – CHECK IF NOT APPLICABLE: ☒		
Site-Specific Comments:		
☐	CONFINED SPACE(S) ☐ Permit required ☐ Non-permit required Potential/actual hazards: ☐ Atmospheric hazards: ☐ Flammable/explosive ☐ Oxygen deficiency ☐ Hydrogen sulfide ☐ Other toxic ☐ Combustible dust ☐ Electrical ☐ Mechanical, engulfment, entrapment, stored energy	☐ For personnel <u>working near confined</u> spaces: - Confined spaces have been identified, labeled. - Communication system in place to prevent unauthorized entry. ☐ For <u>permit-required confined space entry</u>, see separate entry permit. - All entrants, attendants, supervisors are trained/qualified. - Hazards properly characterized - Necessary equipment for safe entry utilized (access, retrieval, air monitoring) - Arrangements for rescue team have been made. ☐ For entry into a <u>non-permit</u> confined space, see site specific procedures delineated above in "site-specific comments," or see alternate/attached safety work plan.
☐	ENCLOSED/INDOOR SPACE(S) ☐ Outfall, culvert ☐ Tunnel, shaft, gallery ☐ Machine/equipment pit/vault ☐ Basement/Sub-basement ☐ Crawl space entry ☐ Indoor equipment/drilling	*<u>For indoor use of gasoline/propane/diesel equipment:</u>* ☐ Duct exhaust to outdoors, and/or introduce fresh air using ventilation/blowers/fans. ☐ Perform air monitoring (see section on Air Monitoring) *<u>For entry into potentially hazardous indoor or enclosed spaces:</u>* ☐ Ventilate and/or perform air monitoring for anticipated hazards. ☐ If space classified as confined space, follow confined space entry requirements (above).
12. COMMERCIAL CHEMICAL PRODUCTS USED AT WORK SITE – CHECK IF NOT APPLICABLE: ☐		
Site-Specific Comments: Alconox		

	HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
☒	PRODUCTS REGULATED BY HAZARD COMMUNICATION STANDARD	☒ Safety Data Sheets available, either on site or readily available within same work shift ☒ Containers labelled properly ☒ Workers trained on hazards ☒ For subcontractor use of chemical products, coordinate/discuss during safety meetings.
☐	COMPRESSED GAS(ES):	☐ Secure cylinders upright, caps on when not in use, handle with care, prevent damage ☐ Propane cylinders not in use must be stored outdoors in cage or similar secure enclosure. ☐ Ensure acetylene cylinders NOT secured to steel arc welding bench ☐ Store/use in a manner to prevent asphyxiation hazard ☐ Segregate oxygen and fuel gases by distance (20') or barrier ☐ Control ignition sources, no smoking signage ☐ Use/store in a manner to control inhalation exposure hazards, PPE, air monitoring.
☐	FLAMM./COMBUST. LIQ.	☐ Proper storage (flam. storage cabinets, other storage precautions) ☐ Control ignition sources ☐ Grounding and bonding where appropriate
☐	CORROSIVES	☐ Handle with care, use appropriate eye/face/skin protection ☐ Eyewash, deluge shower, drench hose, hand washing (with water), as appropriate
☐	TOXIC	☐ For toxic substances, use/store in a manner to control exposure hazards (inhalation, ingestion, skin contact, skin absorption; use PPE as appropriate, conduct air monitoring as appropriate.
☐	CHEMICAL STORAGE	☐ Chemical storage cabinet, cage, storage room, or similar ☐ Incompatible chemicals segregated ☐ Secondary containment ☐ Safety equipment will be located near chemical storage.

13. CHEMICAL HAZARDS FROM ON-SITE CONTAMINANTS, OPERATIONS, EMISSIONS – CHECK IF N/A: ☐

Site-Specific Comments:

CHECK AS APPROPRIATE BELOW. PROVIDE ADDITIONAL INFO. AS APPROPRIATE, IN SITE-SPECIFIC HAZARD ANALYSIS ABOVE.

☒ Soil/groundwater contaminants (historical release)	☐ Oxygen deficiency	☐ Asbestos
☐ Recent release, known high concentrations	☒ Chlorinated VOCs (volatile org. cpds.)	☐ Lead paint
☐ Former chemical disposal site, landfill	☒ BTEX, petroleum derived VOCs	☐ Pesticides, herbicides, fungicides
☐ Urban fill, residual contaminants	☐ Fuel oils, petroleum, waste oil, lubricants	☐ Sensitizers
☐ Containerized waste (drums, process equipment)	☒ Metals, metal compounds, metal dusts	☐ Radioactive contaminants
☐ Buried drums (known or potential)	☐ Elemental mercury	☐ Other:
☐ Large containers, potential for spills	☒ Polyaromatic hydrocarbons (PAHs)	
☐ Emissions from active industrial processes	☒ Polychlorinated biphenyls (PCBs)	
☐ Emissions from welding/cutting/hot work	☐ Potential for flammable vapors	
☐ Carbon monoxide (vehicle/equipment exhaust)	☐ Potential for flammable gas (methane)	
☐ Contaminated building surfaces	☐ Corrosive, acids/caustics, strong irritants	
☐ Unexploded ordnance	☐ Sulfides, hydrogen sulfide (H2S)	
☐ Explosive dust	☐ Cyanides, hydrogen cyanide (HCN)	

☐	FOR SITE REGULATED AS "UNCONTROLLED HAZ. WASTE SITE," e.g. **REGULATED BY HAZWOPER** (OSHA 29 CFR 1910.120) - Establish work zones & site control plan (Exclusion Zone - EZ, Contaminant Reduction Zone - CRZ, Support Zone - SZ) - Workers to be aware of and trained on hazards per OSHA Hazard Communication Standard. - Include site map/figure depicting work locations and other relevant site-specific information. - Site workers in EZ or CRZ to have OSHA 40-hour training, current 8-hour refresher, 3 days supervised field expience. - Site workers in EZ or CRZ to participate in Medical Monitoring program. - "Peripheral" site workers, engaged on-site, with no hazardous exposure: 24 hr. training required. - Site supervisor(s) required to have 8-hr. Supervisor training. - Implement site-specific procedures for worker protection through engineering controls, work practices, personal protective equipment (PPE), air monitoring, decontamination, spill containment (see Sections B and C, "Health and Safety Equipment/Gear" and "Air Monitoring" - Include emergency response program in H&S plan.
☒	FOR SITE WITH CHEMICAL CONTAMINANTS BUT **NOT REGULATED BY HAZWOPER** - Workers to be aware of and trained on hazards per OSHA Hazard Communication Standard - Implement appropriate controls to minimize worker exposure (engineering controls, work practices) to levels below OSHA PELs. - Use PPE as needed (see B, "Health and Safety Equipment/Gear"). - Conduct air monitoring or personal air sampling to monitor and/or evaluate worker exposure (see Section C, "Air Monitoring").

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PRE-WORK TASK HAZARD ANALYSIS (THA)

HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
☐	ATMOSPHERIC HAZARDS GENERATED BY EXHAUST FROM OPERATING EQUIPMENT ☐ Position work upwind of exhaust source ☐ Use blowers, fans to dissipate atmospheric hazards ☐ Conduct air monitoring (see Section C, ”Air Monitoring”).
☐	OFF-SITE MIGRATION OF CONTAMINANTS ☐ Implement controls to minimize hazard migration (dust suppression, covers, foam, etc.) ☐ Community/perimeter air monitoring is not anticipated with the current scope of work. ☐ Community/perimeter air monitoring to be conducted per perimeter air monitoring plan.

EMERGENCY RESPONSE **(911 Service is Available ☒ Yes ☐ No)** ☒ Verify wireless coverage at site, use alternate communication procedures as needed.

Emergency Medical Treatment - Hospital Name: Hospital Address:	St Joseph’s Hospital 555 E. Market St Elmira NY 14901	**Number:**	607.733.6541
Urgent Care Med. Treatment - Clinic Name: Occupational Clinic Address:	Elmira Urgent Care 306 W. Water St., Elmira, NY 14905	**Number:**	607.732.1100
Fire Department Name	West Elmira Fire Department	**Number:**	911
Spill Response:	West Elmira Fire Department	**Number:**	911
Client Representative Name::	Kevin Krueger	**Office Number:** **Cell Number:**	(651) 687-2210
Geosyntec **Project Manager** Name:	Aron Krasnopoler	**Office Number:** **Cell Number:**	(410) 381-4333 (202)-550-7724
Geosyntec **Corporate H&S** Name:	Dale Prokopchak	**Office Number:** **Cell Number:**	804 332 6376 (804) 349-8067

Emergency Response Comments:

Date:	
Project Name: Former Sperry Remington Site North	
THA Title: Monitoring Well Inspections and Synoptic Water Level Measurements	
Subcontractor Name(s):	
Geosyntec Representative (reviewed by):	**Michael Hansen**
Subcontractor Foreman/Supervisor Signature (authorize):	
Crew Signatures (acknowledge):	

Print Name	Signature

PLEASE RETURN A COPY OF THIS SIGNED PAGE TO GEOSYNTEC PROJECT MGR., SUPERINTENDENT UPON REVIEW AND ACKOWLEDGMENT BY THE CREW MEMBERS. ALL NEW CREW MEMBERS SHALL BE ORIENTATED THE SAME AND A SUBMITTAL OF A NEW SIGN IN SHEET SHALL BE COMPLETED.

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PRE-WORK TASK HAZARD ANALYSIS (THA)

TASK/ACTIVITY:	Groundwater Sampling	**Date:**	6/1/2018
Project Name:	Former Sperry Remington Site North	**Client Name:**	Unisys Corporation
Project Number:	MN0832	**Geosyntec Proj. Mngr.:**	Aron Krasnopoler
Project Address:	777 Sourth Main Street, Elmira, New York	**Geosyntec Proj. Dir.:**	Paul Brookner
Task Description:	Collect groundwater samples via low-flow sampling procedures from site monitoring wells.		

A. SUMMARY OF SITE-SPECIFIC TASK HAZARD ANALYSIS

Site-Specific Comments: Submersible electric centrifugal pumps (e.g. mega monsoon) or peri-pumps are expected to be used for sampling.

Sub-Tasks, Activities	Hazards	Hazard Controls
Task 1: Mobilize to Site	-Driving -Mobilization to and around unfamiliar facility	- Drive carefully to facility, be well rested and avoid distracted driving. - Review scope of work.
Task 2: Locate sampling location and measure depth to water.	-Slips/trips/falls -Heat/cold stress -Biohazards: snakes, bees, spider, ticks, poison ivy -Potential contaminant exposure: VOCs, PCBs, SVOCs	-Pay close attention to foot placement; slow deliberate movement. -Dress for weather conditions. Apply sunscreen if needed. -Beaware of surroundings and avoid biohazards. - don level D personal protective equipment (PPE). PPE will include: safety glasses, safety vests, steel toe boots, and nitrile gloves.
Task 3: Groundwater Sampling Collect groundwater sample from monitoring well using low-flow sampling procedures.	-Same hazards noted above for Task 2. -Splash harzards. .	-Same hazard controls noted above for Task 2. -Avoid direct contact with contaminated matrices.
Task 4: Sample Labeling and Packing	-Potential contaminant exposure: VOCs, PCBs, SVOCs -Back strain when transporting coolers full of collected samples packed with ice.	-Continue to wear level D PPE and minimize contact with sample material. -Use proper lifting techniques. Get assistance when possible, especially for containers heavier than 49 lbs.
Task 5: Equipment Decontamination Decontaminate equipment that will be reused (e.g. pump, water level indicator, et. al.)	-Slips, Trips, and Falls -Potential contaminant exposure: VOCs, PCBs, SVOCs -Splash hazards	-Pay close attention to foot placement; slow deliberate movement. -Continue to wear level D PPE and minimize contact with water.
Task 6: Demobilization Demobilize from Site, making sure all work areas are clean and orderly.	-Driving	-Drive carefully and avoid distracted driving. If too exhausted to drive safely back to the office make arrangements to stay at hotel.

B. HEALTH AND SAFETY EQUIPMENT/GEAR

Site-Specific Comments:

☒	PERSONAL PROTECTIVE EQUIPMENT (PPE)**:**	Level(s) of Protection (for chemical hazards):	☐ Level D (standard work clothes, no chemical protective clothing) ☒ Modified Level D (chemical protective clothing in addition to standard work clothes) ☐ Level C (air purifying respirator or dust mask, with chemical protective clothing) ☐ Level B or A (air supplied respirator, chemical protective suit)

		☒ Hard-toed boots/shoes ☐ Hardhat ☐ Noise/hearing protection ☒ High-visibility/reflective vest ☒ Work gloves ☒ Eye/face protection ☒ Safety glasses with side shields ☐ Goggles ☐ Face shield ☐ Other: ☒ Chemical protective clothing ☒ Gloves, type: Nitrile ☐ Coveralls, type: ☐ Outer boots, boot covers ☐ Other:	☐ Respiratory Protection ☐ Disposable n-95 face mask ☐ Half-face air-purifying respirator ☐ Full-face air-purifying respirator ☐ Resp-cartridge, type: ☐ Other: ☐ Personal flotation device ☐ Personal fall apparatus ☐ Fire retardant clothing ☐ EH (Electrical Hazard) rated boots, gloves ☐ Other:
☒	OTHER H&S EQUIPMENT and GEAR:	☒ Fire extinguisher ☐ Caution tape ☒ Traffic control warning devices ☐ Warning signs or placards ☐ Decon supplies for personal decon ☐ Portable ground fault circuit interrupter (GFCI)	☐ Lockout/tagout equipment ☐ Ventilation equipment (fan, blower) ☒ First aid kit ☒ Vehicle emergency kit (flares, lights, reflective device) ☐ Other:

C. AIR MONITORING – CHECK IF NOT APPLICABLE: ☒

Site-Specific Comments:

☐	INSTRUMENT(S), EQUIPMENT	☐ PID, Lamp energy: eV ☐ FID ☐ Carbon monoxide detector ☐ Hydrogen sulfide detector ☐ Oxygen (O_2) detector	☐ Flammable gas (LEL) detector ☐ Particulate (dust) detector ☐ Calibration kit for each detector type ☐ Others:

☐	ACTION LEVELS FOR **O2/LEL**	☐ Oxygen	≤19.5% - provide ventilation to raise oxygen to acceptable levels, or utilize Level B. ≥23.0% - provide ventilation to lower oxygen to acceptable levels, or utilize Level B and implement controls for fire hazards, control ignition sources.
		☐ LEL	Confirm at least 12% oxygen is present to ensure accuracy of LEL readings. At <10% LEL - Continue working, continue to monitor LEL levels At ≥10% LEL- Immediately withdraw from area. Resume work ONLY after LEL readings reduced to <10% through passive dissipation, or active vapor control measures.

☐	ACTION LEVELS FOR **TOXICS** (sustained breathing zone concentrations)	**Parameters**	**Level D, Modified D**	**Use levels C or B, as indicated below, OR take action to reduce breathing zone level to concentration acceptable for Level D.**
		☐ VOCs	< ppm	ppm to ppm: Level C (air purifying respirator) > ppm: Level B (air-supplied respirator)
		☐ Carbon Monoxide	< 35 ppm	≥35 ppm - Level B (air-supplied respirator)
		☐ Hydrogen Sulfide	< 10 ppm	≥10 ppm - Level B (air-supplied respirator)
		☐ Total Dust	< mg/m³	> mg/m³ - Level C (air-purifying respirator)
		☐		
		☐		

HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
1. PREMISES/ENVIRONMENTAL HAZARDS	
Site-Specific Comments:	
☒ LOCATION HAZARDS ☒ Outdoor field work ☒ Urban, suburban ☐ Rural, remote location ☐ Indoor field work ☐ Operating facility ☐ Vacant facility ☐ Water hazards	☒ Use routine safety precautions commensurate with routine work environment conditions ☐ For non-routine, unique, or severe location hazards, see site-specific safety comments above. ☐ For water-related work, see #2, “Water Hazards” ☐ For worksite violence/security risks, see #3, “Violence, Security, Working Alone” ☒ For transportation related hazards, see #5, “Worksite Traffic, Vehicle, Transportation Hazards” ☒ For utility-related hazards, see # 6, “Utility-Related Hazards ☐ For atmospheric hazards in enclosed, indoor, or confined spaces, see # 11 “Confined Spaces or Hazardous Enclosed/Indoor Spaces”

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PRE-WORK TASK HAZARD ANALYSIS (THA)

	HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
☒	WALKING/WORKING SURFACES, HOUSEKEEPING ☒ Uneven, rough terrain, riprap ☒ Slippery surfaces ☐ Holes, pits, openings ☐ Puncture, foot hazards	☒ Keep work areas clean, orderly, dispose of trash/debris, maintain sanitary conditions. ☒ Walkways are cleared of equipment, excavated material, tools and debris, snow ☐ Holes, pits, openings to be covered or otherwise marked or guarded ☐ Apply absorbent, salt or sand, for traction/slip resistance on slippery/icy/wet surfaces ☒ Wear proper work boots/shoes with ankle support and/or traction, as appropriate for conditions
☒	TEMPERATURE/WEATHER ☒ Heat Stress ☒ Cold Stress ☒ Severe Weather ☒ Lightning	☒ Heat/Cold stress are monitored in accordance with Geosyntec procedures EHS 124 & EHS 125 ☒ Provide sufficient fluids, shade, breaks, other precautions as appropriate to adderss heat hazards. ☒ Provide protection from sun (sun screen, shaded brake area). ☐ For cold stress, wear multiple layers, protect from wind/wet, frequent break in warm location. ☐ In high wind, discontinue working at heights (e.g. on ladders, scaffold, aerial lift, similar). ☒ Use precautions for lightning, thunderstorm, hale, tornado (monitor weather, “30/30 rule,” shelter)
☒	BIOLOGICAL HAZARDS ☒ Insects, spiders, ticks ☐ Wild/feral/pet animals ☐ Mold, fungi ☒ Poisonous plants ☐ Bird Guano ☐ Infectious, wastewater, sewer ☐ Bloodborne pathogens	☒ Utilize safety practices commensurate with risk of biting/stinging insects, wild/feral/pet animals. ☒ For poisonous plants (poison ivy/oak/sumac/etc.), minimize exposed skin area, wear coveralls, use barrier cream/wash (Technu products or similar), as appropriate. For biological exposure hazards, use protective measures commensurate with hazard: ☒ Minor-moderate hazard - use ordinary hygiene practices, protective gloves, hand washing. ☐ Moderate-severe hazard - add protective clothing, respirator, decon, as appropriate. ☐ Bloodborne pathogen (human infectious agents) - implement “Universal Precautions”
☐	HAZARDOUS NOISE	☐ Hearing protection is used when exposed to excessive noise levels (greater than 85 dBA over an 8-hour work period, or intermittent….)
☐	OVERHEAD HAZARDS, FALLING OBJECTS	☐ Wear hardhat when exposed to overhead hazards, “bump” hazards, falling objects ☐ Cordon off hazard zones, route access/egress around hazards of falling objects ☐ Secure objects from falling ☐ Provide overhead protection (canopy) to protect public pedestrians, workers
☐	ILLUMINATION ☐ Night work ☐ Indoor work	☐ Make site-specific arrangements for illumination of work areas and access routes.
2. BOATING, WATER, WET LOCATIONS, FLOOD, ETC. – CHECK IF NOT APPLICABLE: ☒		
Site-Specific Comments:		
☐	WATER HAZARDS ☐ Drowning, hypothermia ☐ Boat, barge, raft ☐ Wading, wetland, mud/silt ☐ Dam release, flood, tide ☐ Diving	☐ Wear appropriate Coast Guard-approved Personal Flotation Device (PFD) ☐ Bring emergency rescue equipment (ring buoy, reaching device, flares) ☐ Use fuel safety practices, fire extinguisher present in boat ☐ See site-specific safety comments above.
3. VIOLENCE, PUBLIC PROTECTION, WORKING ALONE – SPECIAL MEASURES – CHECK IF NOT ANTICIPATED: ☐		
Site-Specific Comments:		
☐	PERSONAL SECURITY, HIGH CRIME AREA	☐ Employ standard precautions, which may include: conduct work only during daylight hours, use buddy system, avoid parking in secluded location, lock vehicles, hide valuable items in vehicles from plain view ☐ See site-specific safety comments above for project-specific security measures.
☐	PUBLIC AT RISK, SITE SECURITY	☐ Provide safe pedestrian route around work areas, use appropriate barriers, signs, warning devices. ☐ Provide covers over excavation, secure fencing, overnight protection ☐ Provide protection from overhead hazards (canopy, etc.) where public at risk of overhead hazards ☐ Provide secure locked storage of hazardous chemicals, hazardous equipment, etc.
☒	WORKING ALONE	☒ Establish “check in” procedure with supervisor or project manager (arrival, mid-day, departure) ☒ Additional measures, as appropriate for the working conditions.
4. DRIVING, TRAFFIC, TRANSPORTATION HAZARDS – CHECK IF NOT APPLICABLE: ☐		
Site-Specific Comments:		
☒	DRIVING HAZARDS ☒ Routine work travel ☐ Unfamiliar location ☐ Unfamiliar vehicle ☒ Overnight travel, distance	☒ Use routine safe/defensive driving practices (seat belts, safe speeds, eyes ahead, no tailgating, limit distractions, no texting, safe cell phone use, clear windows, account for weather/road conditions, adequate sleep, other measures as appropriate). ☒ Plan travel route before driving (assemble maps, enter destination in GPS). ☐ Familiarize yourself with vehicle operational controls before operating unfamiliar vehicle.

	HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
☒	WORKERS EXPOSED TO TRAFFIC HAZARDS ☒ In/near public or private roadway ☒ Parking lot, driveway ☐ Worksite, construction site traffic	☒ Workers to wear reflective vests where exposed to traffic hazards. ☒ Where possible, park vehicles as protective shield from oncoming traffic. ☒ Configure work area and support vehicles to minimize worker exposure to traffic hazards. ☐ DOT signal devices will be used to re-route vehicles around work area, site entrances/exits. ☐ Flaggers will be used and have DOT Flagger Training; police detail where appropriate or required. ☒ Park vehicles in secure location away from heavy equipment use or other site operations. ☐ Mark temporary roadways clearly, provide berms/stop logs where needed.
☐	RAILROAD/AIRPORT HAZARD	☐ Coordinate with rail company/airport and implement required safety measures ☐ Site workers to receive safety training for railroad/airport work.
☒	OFF-ROAD DRIVING, USE OF ALL-TERRAIN VEHICLE	☒ For off road driving, do not exceed capability of vehicle ☐ Follow ATV specific procedures for training, safety equipment, operation.
☐	TRANSPORTING MATERIALS, TOWING/HAULING LOADS	☐ Ensure load is firmly secured (rope, straps, load configuration) to prevent shifting during travel. ☐ For trailer use, verify signal/braking lights operational, rear-view mirrors effective, hitch/safety chains secure.
5. UTILITY-RELATED HAZARDS (for underground/overhead work) – CHECK IF NOT APPLICABLE: ☒		
Site-Specific Comments:		
☐	OVERHEAD UTILITIES	☐ Maintain proper clearance, employ other appropriate precautions for the conditions.
☐	UNDERGROUND UTILITIES	☐ Confirm appropriate underground utility clearance procedures have been completed prior to ground penetrations, and employ other utility clearance/locator practices, as appropriate for conditions.
6. ELECTRICAL HAZARDS – CHECK IF NOT APPLICABLE: ☒		
Site-Specific Comments:		
☐	WORKERS EXPOSED TO: ☐ Voltage < 50 v ☐ Voltage 50-600v ☐ Voltage > 600v ☐ AC ☐ DC ☐ 3-phase ☐ Battery and/or solar power ☐ Capacitor/Transformer	☐ Implement electrical safe work practices commensurate with the work to be performed, pertaining to the following (as applicable): - Worker training/qualification - Electrical equipment and hazards, safe design features - Electrical safe work practices - Grounding, use of GFCIs - Electrical equipment installation, operation, maintenance, repair - Arc flash protection - Electrical equipment diagnostics
☐	BASIC ELECTRICAL HAZARDS ☐ Equipment/tool use/operation ☐ Use of extension cords	☐ Control water-related hazards, in a manner appropriate for the job tasks/equipment/tool. ☐ Use extension cords/power cords properly, prevent damage, take out of service if damaged. ☐ Inspect tool/equipment/extension cords/power cords before each use. ☐ Use GFCI-protected outlet or portable GFCI in wet locations, outdoors, basements ☐ Ensure live parts are guarded, enclosures secure. ☐ Enclosures, circuits properly labeled.
☐	LOCKOUT/TAGOUT OF ELECTRICAL ENERGY	☐ Implement control-of-hazardous-energy practices (lockout/tagout), provide lockout/tagout locks and devices, training workers, designate “authorized” personnel, notify “affected” personnel
7. FALL HAZARDS – CHECK IF NOT ANTICIPATED: ☒		
Site-Specific Comments:		
☐	WORKING AT HEIGHTS ☐ Roof, skylight ☐ Elevated platform ☐ Holes, side opening ☐ Retaining wall, cliff, ledge ☐ Trench, excavation ☐ Protruding rebar	☐ Ensure guardrails present ☐ Use personal fall apparatus (PFA) ☐ Use tether or positioning device ☐ Restrict access to hazard (barriers, tape, sign) ☐ Ensure covers in place over holes ☐ Watch person ☐ Use fall protection net ☐ Restrict access beneath work to protect other site personnel from overhead hazards ☐ Install caps on protruding rebar
☐	LADDERS / STAIRS ☐ Extension ladders ☐ Step ladders ☐ Fixed ladders ☐ Stairs	☐ Provide instruction/review pertaining to safe ladder use ☐ Extension ladders are properly footed, secured, setup at proper angle ☐ Stepladders are set on level ground or properly shimmed with spreaders locked. ☐ Stairs have proper rise over run and stairs >4 steps or 4' have guardrails. ☐ Never use a step ladder as a straight ladder. All straight ladders shall be extended three rungs past leading edge. Never use metal ladders while working with electricity.

	HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
☐	AERIAL LIFT ☐ Scissor lift ☐ Extensible boom ☐ Articulated boom ☐ Vertical Lift ("Genie")	☐ Operators are sufficiently trained, experienced and qualified. ☐ Equipment is inspected after mobilization and is in good condition. ☐ Harness & Lanyard worn whenever operating the lift (scissor lifts may be excepted) ☐ Overhead and surface obstructions are reviewed with operators prior to use.
☐	SCAFFOLD ☐ Supported scaffold ☐ Suspended scaffold ☐ Free-standing/mobile scaffold	☐ Identify/coordinate operations with competent person ☐ Supported scaffold level, stable, proper attachments, tiebacks, planking, ☐ Suspended scaffolds anchored properly ☐ Guardrails present above 10 feet or personal fall apparatus used. ☐ Proper means of accessing scaffold (proper ladders, stair tower). ☐ Total height of free-standing scaffold not to exceed four times the minimum base dimension.
8. TOOLS, EQUIPMENT, MACHINERY – CHECK IF NOT APPLICABLE: ☒		
Site-Specific Comments:		
☒	HAND TOOLS Eye injury, puncture/bruise/ laceration hazard	☒ Use proper tool for the job, maintain tools in good condition (no damage, cutting tools sharp, etc.) use appropriate PPE for hand/eye/body protection, plan for safe "follow through" motion, use vise/clamp/work surface to hold/stabilize work piece
☐	POWER TOOLS ☐ Eye/hand/body injury ☐ Fuel-related hazards ☐ Inhalation hazard ☐ Noise ☐ Sparks, heat, fire hazard ☐ Electrical hazards	☐ For all power tools: - Inspect tools to ensure safe operating condition before each use. - Use tool in accordance with manufacturer's specifications. - Use PPE or other safety practices, as appropriate, for eye/hearing/hand/head/body protection - Provide training or verify operator qualification for use of power tool. - Stay clear of hazard zone, "line of fire" when working near where power tools are used. ☐ Use safety practices for refueling, fuel handling/transport/storage. ☐ Use respirators, ventilation, wet methods, other appropriate means to control inhalation hazard. ☐ For spark/heat generating tool, control fire hazards, segregate combustible/flammable materials. ☐ For electrical hazards, see # 6, "Electrical Hazards".
☐	WELDING, CUTTING ☐ Gas welding/cutting ☐ Arc welding/cutting	☐ Hot work permit system to be implemented. ☐ Operator properly protected (eye protection, clothing, apron, etc.) ☐ Fire hazard controls (watcher, fire extinguisher, water, isolate combustibles) ☐ Protect nearby personnel from hazardous UV, IR light (shielding, curtain) ☐ Electrical safe work practices for arc welding ☐ Gas cylinder safe practices (secured, upright, caps on when not in use, prevent damage).
☐	EQUIPMENT/MACHINERY ☐ Point-of-operation hazards ☐ Pinch points, moving parts ☐ 'Struck-by,' 'caught between' ☐ Hot surfaces, heat ☐ Extension cords, flexible wire ☐ Fuel related (gas or liquid) ☐ Hydraulic pressure ☐ Compressed air/gas ☐ Kinetic, stored energy ☐ Noise ☐ Lockout/tagout ☐ Emissions, discharge gases ☐ Working at heights, falls ☐ Lifting, repetitive motion ☐ Illumination ☐ Electrical (see below)	☐ *Working Near* Equipment/Machinery ☐ Work at safe distance/restrict access, ensure guards in place, heed warning signs ☐ Implement measures necessary for adequate illumination ☐ Control exposue to emission/discharge gases (ventilation, PPE, other means). ☐ Ensure safe practices for fuels/fluids/machine-related hazardous materials ☐ Use PPE or other safety practices for eye/hearing/hand/head/body protection ☐ Segregate combustible materials from hot surfaces/hot exhaust (minimum 3 feet) ☐ Operation/Maintenance/Repair of Equipment/Machinery (see applicable control measures above) ☐ Orient/locate equipment for safe access during operation and maintenance ☐ Use equipment/machinery in accordance with manufacturer's specifications ☐ Use safe lifting practices, minimize repetitive motion hazards ☐ Ensure point-of-operation, mechanical power transmission, other moving parts are guarded with protective devices; do not override interlocks, guards, protective devices ☐ Secure long hair/loose clothing/hanging jewelry near moving/rotating parts ☐ Ensure appropriate warning signs are in place and heeded ☐ Use safe practices for fueling, fuel transport & storage. ☐ Operate fuel-powered equipment in well ventilated location. ☐ Incorporate safety provisions/safe work practices for compressed air, pressurized systems (pneumatic/hydraulic), stored energy ☐ Implement control-of-hazardous-energy practices (lockout/tagout), designate "authorized" personnel, notify "affected" personnel ☐ Protect from fall hazards (safe ladder use, personal fall protection, guardrails, other) ☐
☐	ELECTRICAL HAZARDS	☐ Implement provisions of # 6, "Electrical Hazards"
9. MANUAL MATERIAL HANDLING, MATERIAL STORAGE – CHECK IF NOT APPLICABLE: ☒		

	HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
Site-Specific Comments: Cooler Lifting		
☒	LIFTING / ERGONOMIC Musculoskeletal strain, repetitive motion injury	☒ Use proper manual lifting techniques (straight back, bend at knees, firm grasp, firm footing). ☒ Seek assistance for lifting heavy objects (>50 lbs.) ☐ Use mechanical lifting equipment to reduce manual material handling hazard ☒ For repetitive motion activities, take breaks, switch hands, share task with others, employ other safe practices appropriate for the specific task(s).
☐	STORAGE OF MATERIALS See Sect. 12 for Chemical Storage	☐ Store materials in stable manner that prevents tipping, sliding, rolling, falling over. ☐ Materials stored in tiers to be stacked, racked, blocked, interlocked or otherwise secured to prevent sliding, falling or collapse ☐ Do not exceed load limits of racks, platform; ensure racks are stable, robust, secure ☐ On scaffold, do not store materials in excess of supplies needed for immediate use ☐ Ensure stored materials do not block aisles, passageways ☐ For used lumber, remove nails before stacking, and stack to be stable and self supporting, no higher than 20 feet (or 16 feet if lumber is to be handled manually) ☐ Debris will be removed regularly from storage area and place in designated area or disposed.
10. CONSTRUCTION OPERATIONS, HEAVY EQUIPMENT, HEAVY VEHICLES – CHECK IF NOT ANTICIPATED: ☒		
Site-Specific Comments:		
☐	HEAVY EQUIPMENT; CONSTRUCTION VEHICLES Hazards: Struck By, Run-Over, Caught In Between (pinch points), Roll Over, Fluid Leaks	☐ Trained/qualified persons operate all heavy equipment. ☐ No passengers on moving/operating equipment except where passenger seat/restraint is present. ☐ Equipment inspected upon mobilization and daily; maintained in good repair, backup alarms ☐ All leaks or defective safety equipment will be repaired before use. ☐ Operators required to use seatbelts. ☐ Eye contact with operator and use of hand signals prior to approaching near equipment. ☐ High visibility vests are required of all personnel in work area. ☐ Max. safe slope for each vehicle will be followed. ☐ Personnel to stay clear of swing radius of equipment. ☐ Spill equipment available for fuel and hydraulic fluid leaks. ☐ Equipment locked, secured, brakes set, buckets/forks lowered, when not in use.
☐	CRANES Overhead hazards – utility lines, swing radius, falling objects, wire ropes and hoisting equipment ☐ Overbalancing – high winds, outrigger placement, overloading, safe slope ☐ Struck By, Run-Over, Caught In Between (pinch points), Roll Over, Fluid Leaks	**In addition to general safety practices for heavy equipment (above), as applicable:** ☐ Only qualified persons operate cranes (certificate required). ☐ A Critical Lift Plan & Checklist prepared/executed (HS 506) prior to mobilization. ☐ Equipment will be inspected prior to mobilization and a Crane Pre-Operational Safety Checklist (see EHS 506) will be completed and signed by crane operator. ☐ Crane operator will remain at the controls at all times during operation. ☐ Crane operation must be performed under the direction of an appointed signal person at all times. ☐ Communication between crane operator and signal person will be maintained through standard hand signals or voice communication equipment. Radio equipment, if used, will be equipped with a dedicated channel. ☐ Lifting or lowering will not exceed 100ft/minute. Lowering must be controlled i.e. no free fall. ☐ Stop work will be issued whenever hoisting equipment is exposed to high winds. ☐ Outriggers will be fully extended/locked with a firm footing within the maximum safe slope (<1%). ☐ Crane to be on level, stable base, dunnage used when necessary. ☐ Total weight of load not to exceed 50% of rated capacity for the crane radius and configuration. ☐ Rigging procedures – see Hoisting, Lifting, Rigging, below. ☐ Suspended personnel lifting is prohibited (unless per approved “man-lift” equipment). ☐ No personnel permitted beneath suspended loads.
☐	HOISTING, LIFTING, RIGGING ☐ Crane ☐ Drill rig ☐ Loader, excavator, etc. ☐ Mechanical, electrical hoist	☐ Identify, coordinate with competent person. ☐ Rigging directly to the forks of a lull, forklift, or front loader equipped forks is prohibited. ☐ Do not exceed loading limits of equipment. ☐ A Critical Lift Checklist (see EHS 506) will be completed and signed prior to crane mobilization. ☐ Rigging, wire rope and hoisting equipment will be inspected and maintained on a weekly basis. ☐ Crane hooks will be equipped with safety latches.
☐	FORKLIFT Hazards: Struck By, Run-Over, Caught In Between (pinch points), Roll Over, Fluid Leaks	**In addition to general safety practices for heavy equipment (above), as applicable:** ☐ Qualified operater, per established forklift training (certificate is required) ☐ Equipment inspected daily and documented on Forklift Preoperation Inspection Checklist ☐ Operators required to use seatbelts, and adhere to safe operating procedures.

	HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
		☐ Do not exceed lifting load limits. ☐ Forklift shall not be moved/driven with empty forks in raised position. ☐ When not in use, forks lowered, brake set, controls in neutral, key removed.
☐	EXCAVATION/TRENCHING ☐ Max Depth ≥ 20' ☐ Max Depth ≥ 5' ☐ Max Depth <5' with potential cave-in hazard ☐ Potential permit-required confined space at depth ≥ 4' ☐ Underground utilities ☐ Overhead utilities ☐ Structures/foundations ☐ Falls into excavations	☐ Activities under supervision/oversight of competent person ☐ Sloping & shoring for excavations ≥20' are approved by a professional engineer ☐ Sloping & shoring for excavations ≥5' when persons are exposed to cave-in. ☐ Sloping & shoring for shallow (<5') excavations with cave-in hazard ☐ Excavations ≥ 4' are classified as a non-permit confined space ☐ Excavations ≥ 4' are classified as Alternate Entry or Permit-Required (see confined space) ☐ Implement underground utility clearance procedures. ☐ Hand digging within 3' of utility locations. ☐ Excavations to be protected by perimeter fencing (not barricade tape) ☐ Use trench boxes in accordance with proper procedures. ☐ Workers in trenches to be within 25 feet of ladder or sloped entryway.
☐	DRILLING ☐ Struck By, Run-Over, Caught In Between (pinch points), Roll Over, Fluid Leaks ☐ Underground utilities, aboveground ☐ Spills ☐ See Equipment/Machinery	☐ Contractor inspects drill rig daily before use. ☐ Drill rig equipped with operational emergency stop. ☐ Highpressure lines equipped with whip checks. ☐ High visibility vests, hard hats are being worn near the equipment. ☐ Operators and helpers will maintain a safe distance to moving parts. Individuals working near moving or rotating parts will secure loose hair, clothing, and equipment. ☐ Drill rigs will only be moved with masts lowered. Masts will be erected with outriggers fully extended when equipped with outriggers. ☐ Max. safe slope for rig will be followed, drill rig leveled, appropriate blocking/cribbing as needed. ☐ Spinning parts of the rig are guarded when possible, no loose clothing being worn near the rig. ☐ Follow underground utility clearance procedures. ☐ Area is surveyed for overhead utilities, safe clearance distance maintained. ☐ Hearing protection is used when working near the rig. ☐ Spill equipment is available for fuel and hydraulic fluid leaks.
☐	DEMOLITION	☐ Develop/implement demolition safety plan
☐	BLASTING	☐ Develop/implement blasting safety plan
11. CONFINED SPACES, HAZARDOUS ENCLOSED or INDOOR SPACES – CHECK IF NOT APPLICABLE: ☒		
Site-Specific Comments:		
☐	CONFINED SPACE(S) ☐ Permit required ☐ Non-permit required Potential/actual hazards: ☐ Atmospheric hazards: ☐ Flammable/explosive ☐ Oxygen deficiency ☐ Hydrogen sulfide ☐ Other toxic ☐ Combustible dust ☐ Electrical ☐ Mechanical, engulfment, entrapment, stored energy	☐ For personnel <u>working near confined</u> spaces: - Confined spaces have been identified, labeled. - Communication system in place to prevent unauthorized entry. ☐ For <u>permit-required confined space entry</u>, see separate entry permit. - All entrants, attendants, supervisors are trained/qualified. - Hazards properly characterized - Necessary equipment for safe entry utilized (access, retrieval, air monitoring) - Arrangements for rescue team have been made. ☐ For entry into a <u>non-permit</u> confined space, see site specific procedures delineated above in "site-specific comments," or see alternate/attached safety work plan.
☐	ENCLOSED/INDOOR SPACE(S) ☐ Outfall, culvert ☐ Tunnel, shaft, gallery ☐ Machine/equipment pit/vault ☐ Basement/Sub-basement ☐ Crawl space entry ☐ Indoor equipment/drilling	*<u>For indoor use of gasoline/propane/diesel equipment:</u>* ☐ Duct exhaust to outdoors, and/or introduce fresh air using ventilation/blowers/fans. ☐ Perform air monitoring (see section on Air Monitoring) *<u>For entry into potentially hazardous indoor or enclosed spaces:</u>* ☐ Ventilate and/or perform air monitoring for anticipated hazards. ☐ If space classified as confined space, follow confined space entry requirements (above).
12. COMMERCIAL CHEMICAL PRODUCTS USED AT WORK SITE – CHECK IF NOT APPLICABLE: ☐		
Site-Specific Comments: Alconox, Isopropyl Alcohol, Nitric Acid		

	HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
☒	PRODUCTS REGULATED BY HAZARD COMMUNICATION STANDARD	☒ Safety Data Sheets available, either on site or readily available within same work shift ☒ Containers labelled properly ☒ Workers trained on hazards ☒ For subcontractor use of chemical products, coordinate/discuss during safety meetings.
☐	COMPRESSED GAS(ES):	☐ Secure cylinders upright, caps on when not in use, handle with care, prevent damage ☐ Propane cylinders not in use must be stored outdoors in cage or similar secure enclosure. ☐ Ensure acetylene cylinders NOT secured to steel arc welding bench ☐ Store/use in a manner to prevent asphyxiation hazard ☐ Segregate oxygen and fuel gases by distance (20') or barrier ☐ Control ignition sources, no smoking signage ☐ Use/store in a manner to control inhalation exposure hazards, PPE, air monitoring.
☐	FLAMM./COMBUST. LIQ.	☐ Proper storage (flam. storage cabinets, other storage precautions) ☐ Control ignition sources ☐ Grounding and bonding where appropriate
☐	CORROSIVES	☐ Handle with care, use appropriate eye/face/skin protection ☐ Eyewash, deluge shower, drench hose, hand washing (with water), as appropriate
☐	TOXIC	☐ For toxic substances, use/store in a manner to control exposure hazards (inhalation, ingestion, skin contact, skin absorption; use PPE as appropriate, conduct air monitoring as appropriate.
☐	CHEMICAL STORAGE	☐ Chemical storage cabinet, cage, storage room, or similar ☐ Incompatible chemicals segregated ☐ Secondary containment ☐ Safety equipment will be located near chemical storage.

13. CHEMICAL HAZARDS FROM ON-SITE CONTAMINANTS, OPERATIONS, EMISSIONS – CHECK IF N/A: ☐

Site-Specific Comments:

CHECK AS APPROPRIATE BELOW. PROVIDE ADDITIONAL INFO. AS APPROPRIATE, IN SITE-SPECIFIC HAZARD ANALYSIS ABOVE.

☒ Soil/groundwater contaminants (historical release)	☐ Oxygen deficiency	☐ Asbestos
☐ Recent release, known high concentrations	☒ Chlorinated VOCs (volatile org. cpds.)	☐ Lead paint
☐ Former chemical disposal site, landfill	☒ BTEX, petroleum derived VOCs	☐ Pesticides, herbicides, fungicides
☐ Urban fill, residual contaminants	☐ Fuel oils, petroleum, waste oil, lubricants	☐ Sensitizers
☐ Containerized waste (drums, process equipment)	☒ Metals, metal compounds, metal dusts	☐ Radioactive contaminants
☐ Buried drums (known or potential)	☐ Elemental mercury	☐ Other:
☐ Large containers, potential for spills	☒ Polyaromatic hydrocarbons (PAHs)	
☐ Emissions from active industrial processes	☒ Polychlorinated biphenyls (PCBs)	
☐ Emissions from welding/cutting/hot work	☐ Potential for flammable vapors	
☐ Carbon monoxide (vehicle/equipment exhaust)	☐ Potential for flammable gas (methane)	
☐ Contaminated building surfaces	☐ Corrosive, acids/caustics, strong irritants	
☐ Unexploded ordnance	☐ Sulfides, hydrogen sulfide (H2S)	
☐ Explosive dust	☐ Cyanides, hydrogen cyanide (HCN)	

☐	FOR SITE REGULATED AS "UNCONTROLLED HAZ. WASTE SITE," e.g. **REGULATED BY HAZWOPER** (OSHA 29 CFR 1910.120) - Establish work zones & site control plan (Exclusion Zone - EZ, Contaminant Reduction Zone - CRZ, Support Zone - SZ) - Workers to be aware of and trained on hazards per OSHA Hazard Communication Standard. - Include site map/figure depicting work locations and other relevant site-specific information. - Site workers in EZ or CRZ to have OSHA 40-hour training, current 8-hour refresher, 3 days supervised field expience. - Site workers in EZ or CRZ to participate in Medical Monitoring program. - "Peripheral" site workers, engaged on-site, with no hazardous exposure: 24 hr. training required. - Site supervisor(s) required to have 8-hr. Supervisor training. - Implement site-specific procedures for worker protection through engineering controls, work practices, personal protective equipment (PPE), air monitoring, decontamination, spill containment (see Sections B and C, "Health and Safety Equipment/Gear" and "Air Monitoring" - Include emergency response program in H&S plan.
☒	FOR SITE WITH CHEMICAL CONTAMINANTS BUT **NOT REGULATED BY HAZWOPER** - Workers to be aware of and trained on hazards per OSHA Hazard Communication Standard - Implement appropriate controls to minimize worker exposure (engineering controls, work practices) to levels below OSHA PELs. - Use PPE as needed (see B, "Health and Safety Equipment/Gear"). - Conduct air monitoring or personal air sampling to monitor and/or evaluate worker exposure (see Section C, "Air Monitoring").

Geosyntec consultants

PRE-WORK TASK HAZARD ANALYSIS (THA)

HAZARD		HAZARD CONTROLS (check all that apply and comment as required)
☐	ATMOSPHERIC HAZARDS GENERATED BY EXHAUST FROM OPERATING EQUIPMENT ☐ Position work upwind of exhaust source ☐ Use blowers, fans to dissipate atmospheric hazards ☐ Conduct air monitoring (see Section C, ”Air Monitoring”).	
☐	OFF-SITE MIGRATION OF CONTAMINANTS	☐ Implement controls to minimize hazard migration (dust suppression, covers, foam, etc.) ☐ Community/perimeter air monitoring is not anticipated with the current scope of work. ☐ Community/perimeter air monitoring to be conducted per perimeter air monitoring plan.

EMERGENCY RESPONSE **(911 Service is Available ☒ Yes ☐ No)** ☒ Verify wireless coverage at site, use alternate communication procedures as needed.

Emergency Medical Treatment - Hospital Name: Hospital Address:	St Joseph’s Hospital 555 E. Market St Elmira NY 14901	**Number:**	607.733.6541
Urgent Care Med. Treatment - Clinic Name: Occupational Clinic Address:	Elmira Urgent Care 306 W. Water St., Elmira, NY 14905	**Number:**	607.732.1100
Fire Department Name	West Elmira Fire Department	**Number:**	911
Spill Response:	West Elmira Fire Department	**Number:**	911
Client Representative Name::	Kevin Krueger	**Office Number:** **Cell Number:**	(651) 687-2210
Geosyntec **Project Manager** Name:	Aron Krasnopoler	**Office Number:** **Cell Number:**	(410) 381-4333 (202)-550-7724
Geosyntec **Corporate H&S** Name:	Dale Prokopchak	**Office Number:** **Cell Number:**	804 332 6376 (804) 349-8067

Emergency Response Comments:

Date:	
Project Name: Former Sperry Remington Site North	
THA Title: Groundwater Sampling	
Subcontractor Name(s):	
Geosyntec Representative (reviewed by):	**Michael Hansen**
Subcontractor Foreman/Supervisor Signature (authorize):	
Crew Signatures (acknowledge):	
Print Name	**Signature**

PLEASE RETURN A COPY OF THIS SIGNED PAGE TO GEOSYNTEC PROJECT MGR., SUPERINTENDENT UPON REVIEW AND ACKOWLEDGMENT BY THE CREW MEMBERS. ALL NEW CREW MEMBERS SHALL BE ORIENTATED THE SAME AND A SUBMITTAL OF A NEW SIGN IN SHEET SHALL BE COMPLETED.

Appendix C: Summary of Chemical Hazards

Petroleum Hydrocarbons

Petroleum hydrocarbons likely at the site include tar and/or fuel-related materials in soils and sediments. Gasoline, diesel, oil, and heavier hydrocarbons, such as grease, may be present. Volatile components of gasoline include benzene, toluene, ethylbenzene, and xylenes (BTEX).

The primary exposure routes for petroleum hydrocarbons during site activities are inhalation, dermal contact, and ingestion of contaminated soil, sediment, dust, or water. Lighter petroleum hydrocarbons such as gasoline and benzene readily volatilize and are primarily an inhalation concern, whereas the primary route of exposure to heavier petroleum hydrocarbons such as aromatic hydrocarbons, oil, and grease is dermal contact. The target organs primarily affected by prolonged exposure to petroleum hydrocarbons are the respiratory system, central nervous system, kidneys, liver, and skin. Prolonged dermal contact with petroleum hydrocarbons can cause irritation or dermatitis. The BTEX compounds are known or suspected human carcinogens.

Petroleum hydrocarbons such as gasoline are also flammable and can be a physical hazard when present in high concentrations. Combustion of petroleum hydrocarbons can produce carbon dioxide, carbon monoxide, aldehydes, fumes, smoke (particulate matter) and other products of incomplete combustion. Intentional and inadvertent combustion of petroleum hydrocarbons is not expected during sampling activities; however, personnel will evacuate the area should a fire occur. The table below summarizes BTEX exposure limits.

Chemical Name	PEL[1]	TLV[2]
Benzene	1	0.5
Toluene	200	50
Ethylbenzene	100	100
Xylene	100	100

[1] OSHA Permissible Exposure Limit (in parts per million)
[2] ACGIH Threshold Limit Value (in parts per million)

Polycyclic Aromatic Hydrocarbons (PAHs)

PAHs are produced during combustion events due to inadequate oxidation of fuel. PAHs in the pure state are yellowish crystalline solids. They are found in coal tar and in products of incomplete combustion. These chemicals have varying degrees of potency for causing cancer, with benzo(a)pyrene being among the most potent. The PAHs are evaluated collectively as COAL TAR PITCH VOLATILES. Coal tar pitch volatiles may cause photo-sensitization and a rash where sunlight strikes the skin. Exposure may also cause cancer of lungs, skin, bladder or kidneys. Benzo(b)fluoranthene, benzo(j)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, chrysene, and indeno(1,2,3,c,d)pyrene have been identified as carcinogenic.

This information on PAH compounds is presented for site contaminant awareness. While the potential for site personnel sustaining significant inhalation exposures to volatilized PAH compounds during the site activities of this project is minimal, there is the potential for inhalation of PAH-contaminated dust, and handling of contaminated soils presents skin exposure hazards. Use of dust suppression techniques (as appropriate) and the proper use of the PPE will adequately protect personnel. Some significant PAH compounds include:

- Anthracene
- Benzo(a)pyrene Benzo(a)anthracene
- Chrysene Benzo(b)fluoranthene
- Fluoranthene Benzo(k)fluoranthene
- Fluorene Benzo(g,h,i)perylene
- Indeno(1,2,3,c,d)pyrene Benzo(d,e,f)phenanthrene
- Phenanthrene

OSHA PEL for coal tar pitch volatiles is 0.2 mg/m3 and NIOSH REL is 0.1 mg/m^3 , TLV 0.2 mg/m3 is for 8-hour time weighted average (TWA).

PCBs

PCBs are carcinogenic chlorinated hydrocarbons. Potential exposure routes are through inhalation, skin absorption, ingestion and skin or eye contact and may irritate eyes, cause acne, cause liver damage or have reproductive effects. Carcinogenic effects such as tumors and leukemia have been observed in animals. The OSHA permissible exposure limit (PEL) for 8-hour time-weighted average (TWA) is 1 mg/m^3 (skin). The NIOSH PEL is 0.001 mg/m^3.

RCRA Metals

These metals include arsenic, barium, cadmium, chrome, mercury, selenium, and silver. Heavy metals are known to cause neurologic effects (lead, mercury), kidney damage (cadmium), and respiratory damage (arsenic, cadmium). Oral and respiratory exposures should be minimized. The table below summarizes exposure limits.

Chemical Name	PEL[1]	TLV[2]
Arsenic	0.01	0.01
Lead	0.05	0.05
Mercury	0.01	0.25

[1] OSHA Permissible Exposure Limit (PEL) in parts per million
[2] ACGIH Threshold Limit Value (TLV) in parts per million

Chlorinated Solvents/Volatile Organic Compounds (VOCs)

Chlorinated VOCs are widely used as solvents in industrial operations such as degreasing, manufacturing, cleaning and dry cleaning, and are also present in household products and automotive fluids. They readily form vapors which can accumulate in indoor air spaces (i.e., via migration through the subsurface) and react with ozone to form sub-micron sized particles with the potential to cause adverse respiratory health effects. Free product releases (via surface or subsurface discharges or inadequate disposal) can migrate downward to significant depths and through fine-grained deposits to groundwater and can persist as wide-scale sources of vapor plumes for long periods of time.

Several chlorinated hydrocarbons have been identified in soil, indoor air vapor, and groundwater at the site including perchloroethylene (PCE), trichloroethylene (TCE), and 1,2-dichloroethane (DCA). The likely routes of exposure to chlorinated solvents include inhalation, ingestion and direct contact with the skin or eye. The toxicity of chlorinated solvents varies; many affect the CNS and some are identified as carcinogens. PCE can affect the CNS and cause irritation of the skin, eyes, and upper respiratory tract. TCE can depress the CNS, affect kidneys, liver, and lungs and can cause rapid and irregular heartbeat. Toxic effects are increased when combined with alcohol, caffeine, and other drugs. DCA can cause CNS depression and damage to the liver, kidneys, heart, and digestive system. Eye contact with DCA can cause irritation and serious injury if not removed promptly. DCA and TCE are flammable liquids; the LEL of both solvents are approximately 6% and their flash points are less than 100°F. PCE is not considered flammable. These chlorinated solvents are only slightly soluble in water.

Exposure levels will be maintained below OSHA PEL or NIOSH REL as shown in the table below.

Chemical Name	PEL[1]	REL[2]
1,2 DCA	50	1
TCE	100	Ca
PCE	100	Ca

[1] OSHA Permissible Exposure Limit (PEL) in parts per million
[2] ACGIH Threshold Limit Value (TLV) in parts per million
Ca - Carcinogenic

Appendix D: Air Monitoring

Applies to Task: ☒ ① ☐ ② ☐ ③ ☐ ④ ☐ ⑤ ☐ ⑥ ☐ ⑦ ☐ ⑧

☒ *Photoionization Detector (PID)*

Brand/Model No.: MiniRAE 3000 eV:10.6

Monitoring Frequency: Breathing Space

Breathing Zone Reading (ppm)	Action
_____ to _____	Level D PPE
_____ to _____	Level C PPE
Greater than __ Sustained at 50 ppmv	Stop work. Evacuate the area. If upon return, levels still exceed the action level, stop work and implement engineering controls.

Note: _____

☐ *Oxygen (O_2) Meter*

Brand/Model No.: _____

Monitoring Frequency: _____

Reading (%)	Action
Less than 19.5	Stop work. Evacuate the area.
19.5 to 23.5	Continue to work with caution.
Greater than 23.5	Stop work. Evacuate the area.

Note: _____

☐ *Explosimeter*

Brand/Model No.: _____

Monitoring Frequency: _____

Source (% LEL)

Reading	Action
1 to 10	Continue with caution.
Greater than 10	Stop work. Evacuate the area. If upon return, if concentration still exceeds 10% LEL, ventilate until concentration is back to <10% LEL.

Note: _____

☐ *Flame Ionization Detector (FID)*

Brand/Model No.: _____

Monitoring Frequency: _____

Breathing Zone Reading (ppm)	Action
_____ to _____	Level D PPE
_____ to _____	Level C PPE
Greater than __ _____	Stop work. Evacuate the area. If upon return, levels still exceed ____, stop work and implement engineering controls.

Note: _____

☐ *Other*

Brand/Model No.: _____

Monitoring Frequency: _____

Breathing Zone Reading (ppm)	Action
_____ to _____	Level D PPE
_____ to _____	Level C PPE
Greater than __ _____	Stop work. Evacuate the area. If upon return, levels still exceed ____, stop work and implement engineering controls.

Note: _____

☐ *Other*

Brand/Model No.: _____

Monitoring Frequency: _____

Breathing Zone Reading	Action
_____ to _____	Level D PPE
_____ to _____	Level C PPE
Greater than __ _____	Stop work. Evacuate the area. If upon return, levels still exceed ____, stop work and implement engineering controls.

Note: _____

Appendix E: Personal Protective Equipment

	Task ①	Task ②	Task ③	Task ④	Task ⑤	Task ⑥	Task ⑦	Task ⑧
Potential PPE Level per Task:	☒ D ☐ C	☒ D ☐ C	☒ D ☐ C	☒ D ☐ C	☒ D ☐ C	☐ D ☐ C	☐ D ☐ C	☐ D ☐ C

Modified Level D		***Level C***	
Equipment	***Material/Type***	***Equipment***	***Material/Type***
☒ Safety glasses		☐ Full-face air-purifying respirator	Cartridge Type:
☒ Hard-toed boots		☐ Half-mask air-purifying respirator	Cartridge Type:
☐ Protective clothing		☐ Safety glasses	
☒ Hard hat*		☐ Hard-toed boots	
☒ Hearing protection*		☐ Protective clothing	
☒ High-visibility vest*		☐ Hard hat	
☐ Outer boots*		☐ Hearing protection*	
☒ Outer gloves*	Nitrile, Leather	☐ High-visibility vest*	
☐ Other:		☐ Outer boots*	
		☐ Outer gloves*	
		☐ Inner gloves*	
		☐ Other:	

* PPE items may be downgraded (only with concurrence of SHSO and PM)

Appendix F: Safety Data Sheets

Included in this HASP	Chemical
☐	Acetone
☒	Alconox
☐	Ammonia
☒	Bentonite
☒	Diesel Fuel Oil No. 2-D
☐	Gasoline
☐	Helium
☐	Hexane
☒	Hydrochloric Acid
☐	Hydrogen
☒	Isobutylene Calibration Gas
☒	Isopropyl Alcohol
☐	KB-1
☐	Methane Calibration Gas
☒	Nitric Acid
☐	Permanganate
☐	Portland Cement
☐	Sulfuric Acid
☐	Other: _____
☐	Other: _____
☐	Other: _____
☐	Other: _____

Note: SDSs are for chemicals that used to perform project work, not site contaminants.

SAFETY DATA SHEETS

ALCONOX MSDS

Section 1 : MANUFACTURER INFORMATION

Product name: Alconox

Supplier: Same as manufacturer.

Manufacturer: Alconox, Inc.
30 Glenn St.
Suite 309
White Plains, NY 10603.

Manufacturer emergency phone number: 800-255-3924.
813-248-0585 (outside of the United States).

Manufacturer: Alconox, Inc.
30 Glenn St.
Suite 309
White Plains, NY 10603.

Supplier MSDS date: 2009/04/20

D.O.T. Classification: Not regulated.

Section 2 : HAZARDOUS INGREDIENTS

C.A.S.	CONCENTRATION %	Ingredient Name	T.L.V.	LD/50	LC/50
25155-30-0	10-30	SODIUM DODECYLBENZENESULFONATE	NOT AVAILABLE	438 MG/KG RAT ORAL 1330 MG/KG MOUSE ORAL	NOT AVAILABLE
497-19-8	7-13	SODIUM CARBONATE	NOT AVAILABLE	4090 MG/KG RAT ORAL 6600 MG/KG MOUSE ORAL	2300 MG/M3/2H RAT INHALATION 1200 MG/M3/2H MOUSE INHALATION
7722-88-5	10-30	TETRASODIUM PYROPHOSPHATE	5 MG/M3	4000 MG/KG RAT ORAL 2980 MG/KG MOUSE ORAL	NOT AVAILABLE
7758-29-4	10-30	SODIUM PHOSPHATE	NOT AVAILABLE	3120 MG/KG RAT ORAL 3100 MG/KG MOUSE ORAL >4640 MG/KG RABBIT DERMAL	NOT AVAILABLE

Section 2A : ADDITIONAL INGREDIENT INFORMATION

Note: (supplier).
CAS# 497-19-8: LD50 4020 mg/kg - rat oral.
CAS# 7758-29-4: LD50 3100 mg/kg - rat oral.

Section 3 : PHYSICAL / CHEMICAL CHARACTERISTICS

Physical state: Solid

Appearance & odor: Almost odourless.
White granular powder.

Odor threshold (ppm): Not available.

Vapour pressure (mmHg): Not applicable.

Vapour density (air=1): Not applicable.

By weight: Not available.

Evaporation rate (butyl acetate = 1): Not applicable.

Boiling point (°C): Not applicable.

Freezing point (°C): Not applicable.

pH: (1% aqueous solution).
9.5

Specific gravity @ 20 °C: (water = 1).
0.85 - 1.10

Solubility in water (%): 100 - > 10% w/w

Coefficient of water\oil dist.: Not available.

VOC: None

Section 4 : FIRE AND EXPLOSION HAZARD DATA

Flammability: Not flammable.

Conditions of flammability: Surrounding fire.

Extinguishing media: Carbon dioxide, dry chemical, foam.
Water
Water fog.

Special procedures: Self-contained breathing apparatus required.
Firefighters should wear the usual protective gear.

Auto-ignition temperature: Not available.

Flash point (°C), method: None

Lower flammability limit (% vol): Not applicable.

Upper flammability limit (% vol): Not applicable.

Not available.

Sensitivity to mechanical impact: Not applicable.

Hazardous combustion products: Oxides of carbon (COx).
Hydrocarbons.

Rate of burning: Not available.

Explosive power: None

Section 5 : REACTIVITY DATA

Chemical stability:	Stable under normal conditions.
Conditions of instability:	None known.
Hazardous polymerization:	Will not occur.
Incompatible substances:	Strong acids. Strong oxidizers.
Hazardous decomposition products:	See hazardous combustion products.

Section 6 : HEALTH HAZARD DATA

Route of entry:	Skin contact, eye contact, inhalation and ingestion.
Effects of Acute Exposure	
Eye contact:	May cause irritation.
Skin contact:	Prolonged contact may cause irritation.
Inhalation:	Airborne particles may cause irritation.
Ingestion:	May cause vomiting and diarrhea. May cause abdominal pain. May cause gastric distress.
Effects of chronic exposure:	Contains an ingredient which may be corrosive.
LD50 of product, species & route:	> 5000 mg/kg rat oral.
LC50 of product, species & route:	Not available for mixture, see the ingredients section.
Exposure limit of material:	Not available for mixture, see the ingredients section.
Sensitization to product:	Not available.
Carcinogenic effects:	Not listed as a carcinogen.
Reproductive effects:	Not available.
Teratogenicity:	Not available.
Mutagenicity:	Not available.
Synergistic materials:	Not available.
Medical conditions aggravated by exposure:	Not available.
First Aid	
Skin contact:	Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical attention if irritation persists.
Eye contact:	Check for and remove contact lenses. Flush eyes with clear, running water for 15 minutes while holding eyelids open: if irritation persists, consult a physician.
Inhalation:	Remove victim to fresh air. Seek medical attention if symptoms persist.
Ingestion:	Dilute with two glasses of water. Never give anything by mouth to an unconscious person. Do not induce vomiting, seek immediate medical attention.

Section 7 : PRECAUTIONS FOR SAFE HANDLING AND USE

Leak / Spill: Contain the spill.
Recover uncontaminated material for re-use.
Wear appropriate protective equipment.
Contaminated material should be swept or shoveled into appropriate waste container for disposal.

Waste disposal: In accordance with municipal, provincial and federal regulations.

Handling procedures and equipment: Protect against physical damage.
Avoid breathing dust.
Wash thoroughly after handling.
Keep out of reach of children.
Avoid contact with skin, eyes and clothing.
Launder contaminated clothing prior to reuse.

Storage requirements: Keep containers closed when not in use.
Store away from strong acids or oxidizers.
Store in a cool, dry and well ventilated area.

Section 8 : CONTROL MEASURES

Precautionary Measures

Gloves / Type:



Neoprene or rubber gloves.

Respiratory / Type:



If exposure limit is exceeded, wear a NIOSH approved respirator.

Eye / Type:



Safety glasses with side-shields.

Footwear / Type: Safety shoes per local regulations.

Clothing / Type: As required to prevent skin contact.

Other / Type: Eye wash capability should be in close proximity.

Ventilation requirements: Local exhaust at points of emission.

Material Safety Data Sheet

Version 3.0
Revision Date 12/29/2008
Print Date 06/16/2009

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Bentonite

Product Number : 285234
Brand : Sigma-Aldrich

Company : Sigma-Aldrich Canada, Ltd
2149 Winston Park Drive
OAKVILLE ON L6H 6J8
CANADA
Telephone : +1 9058299500
Fax : +1 9058299292
Emergency Phone # : 800-424-9300

2. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms : Montmorillonite

Formula : H2Al2O6Si
Molecular Weight : 180.1 g/mol

CAS-No.	EC-No.	Index-No.	Concentration
Bentonite a colloidal clay. consist primarily of montmorillonite			
1302-78-9	215-108-5	-	-

3. HAZARDS IDENTIFICATION

Emergency Overview

Target Organs

Lungs

WHMIS Classification

Not WHMIS controlled. Not WHMIS controlled.

HMIS Classification

Health Hazard: 0
Chronic Health Hazard: *
Flammability: 0
Physical hazards: 0

Potential Health Effects

Inhalation May be harmful if inhaled. May cause respiratory tract irritation.
Skin May be harmful if absorbed through skin. May cause skin irritation.
Eyes May cause eye irritation.
Ingestion May be harmful if swallowed.

4. FIRST AID MEASURES

If inhaled
If breathed in, move person into fresh air. If not breathing give artificial respiration

In case of skin contact
Wash off with soap and plenty of water.

In case of eye contact
Flush eyes with water as a precaution.

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water.

5. FIRE-FIGHTING MEASURES

Flammable properties

Flash point	not applicable
Ignition temperature	no data available

Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for fire-fighters
Wear self contained breathing apparatus for fire fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions
Avoid dust formation.

Environmental precautions
Do not let product enter drains.

Methods for cleaning up
Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Handling
Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Storage
Keep container tightly closed in a dry and well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

Personal protective equipment

Respiratory protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection
For prolonged or repeated contact use protective gloves.

Eye protection
Safety glasses

Hygiene measures
General industrial hygiene practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form	granules
Colour	grey, beige

Safety data

pH	6.0 - 9.0
Melting point	no data available
Boiling point	no data available
Flash point	not applicable
Ignition temperature	no data available
Lower explosion limit	no data available
Upper explosion limit	no data available
Density	2.400 g/cm3
Water solubility	no data available

10. STABILITY AND REACTIVITY

Storage stability
Stable under recommended storage conditions.

Materials to avoid
Strong acids

Hazardous decomposition products
Hazardous decomposition products formed under fire conditions. - Aluminum oxide, silicon oxides

11. TOXICOLOGICAL INFORMATION

Acute toxicity

LD50 Intravenous - rat - 35 mg/kg
Remarks: Lungs, Thorax, or Respiration:Acute pulmonary edema.

Irritation and corrosion

no data available

Sensitisation

no data available

Chronic exposure

Carcinogenicity - mouse - Oral
Tumorigenic:Equivocal tumorigenic agent by RTECS criteria. Liver:Tumors.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Signs and Symptoms of Exposure

Lung irritation, Asthma

Potential Health Effects

Inhalation	May be harmful if inhaled. May cause respiratory tract irritation.
Skin	May be harmful if absorbed through skin. May cause skin irritation.
Eyes	May cause eye irritation.
Ingestion	May be harmful if swallowed.
Target Organs	Lungs,

Additional Information
RTECS: CT9450000

12. ECOLOGICAL INFORMATION

Elimination information (persistence and degradability)

no data available

Ecotoxicity effects

Toxicity to fish	LC50 - Oncorhynchus mykiss (rainbow trout) - 19,000 mg/l - 96 h

Further information on ecology

no data available

13. DISPOSAL CONSIDERATIONS

Product
Observe all federal, state, and local environmental regulations.

Contaminated packaging
Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT (US)
Not dangerous goods

IMDG
Not dangerous goods

IATA
Not dangerous goods

15. REGULATORY INFORMATION

DSL Status
All components of this product are on the Canadian DSL list.

WHMIS Classification

Not WHMIS controlled.	Not WHMIS controlled.

16. OTHER INFORMATION

Further information
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The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Co., shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

M A T E R I A L S A F E T Y D A T A S H E E T

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Company: AccuStandard, Inc.
125 Market Street
New Haven, CT 06513

Date MSDS Printed: 1/31/2008
Preparation Date: 1/31/2008
Information Phone Number: 203-786-5290
Emergency Phone Number: 203-786-5290
Hours: Mon. to Fri. 8am-5pm EDT

Catalog Number: **FU-009-D-40X**
Product Name: Diesel Fuel
Synonyms: N/A
Formula: N/A
Molecular Weight: N/A

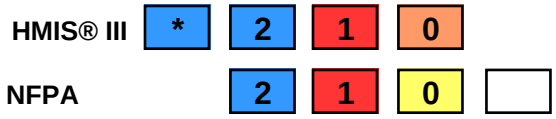
SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

Component(s) (1)	CAS #	Appr. %	ACGIH-TLV (mg/m3) TWA	ACGIH-TLV (mg/m3) STEL skin	OSHA-PEL (mg/m3) TWA	OSHA-PEL (mg/m3) STEL skin
#2 Diesel Fuel	68334-30-5	2.0				
Dichloromethane	75-09-2	98.00	174			

SECTION 3 - HAZARDS IDENTIFICATION

Health and Environmental Hazards/Symptoms of Exposure:

Exposure can cause headache, nausea, confusion, drowsiness, dizziness and/or vomiting. Causes depression of central nervous system. Effects may be delayed. Lachrymator. Suspect cancer hazard.



Potential Health Effects:

May be irritating to eyes.
May cause eye damage.
Irritating to skin.
May be harmful if absorbed through the skin.
May be irritating to mucous membrane and upper respiratory system.
May be harmful if inhaled.
Harmful if swallowed.

Routes of Entry:

Inhalation, ingestion or skin contact.

Carcinogenicity:

This product is or contains a component that is classified (ACGIH, IARC, NTP, OSHA) as a possible cancer hazard.

SECTION 4 - FIRST AID MEASURES

Emergency First Aid:

Get medical assistance for all cases of overexposure.
Skin contact: Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.
Eye contact: Immediately flush with plenty of water. After initial flushing, remove contact lenses and continue flushing for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers.
Inhalation: Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.
Ingestion: Do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

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SECTION 5 - FIRE FIGHTING MEASURES

Flammable Properties:

Flash Point: >230°F

Flammable Limits LEL (%): 12

Flammable Limits UEL (%): 23

Autoignition Temperature: 556°C

During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.
Containers can build up pressure if exposed to heat.

Extinguishing Media:

Use alcohol foam, carbon dioxide, dry chemical, or water spray when fighting fires involving this material.

Fire Fighting Procedures:

As in any fire, wear self-contained breathing apparatus pressure demand, MSHA/NIOSH (approved or equivalent) and full protective

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Spill Response:

Wear a self-contained breathing apparatus and appropriate personal protection. Stop leak if you can do so without risk. Ventilate area. Neutralize spill with soda ash or lime. Take up and containerize for proper disposal. Flush spill area with water. Keep combustibles away from spilled material. Comply with Federal, State, and local regulations.

SECTION 7 - HANDLING AND STORAGE

Store in a tightly closed container.
Store in a cool dry, well-ventilated area away from ignition sources.
Avoid breathing vapors or mists.
Use with adequate ventilation.
Do not get in eyes, on skin or clothing.
Avoid prolonged or repeated exposure.
This product should only by used by persons trained in the safe handling of hazardous chemicals.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls and Personal Protection Equipment (PPE):

Respiratory Protection: If workplace exposure limit(s) of product or any component is exceeded (see TLV/PEL), a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators (negative pressure type) under specified conditions (see your safety equipment supplier). Engineering and/or administrative controls should be implemented to reduce exposure.
Material must be handled or transferred in an approved fume hood or with equivalent ventilation.
Protective gloves must be worn to prevent skin contact.
(Polyethylene, polyvinyl chloride (PVC) or equivalent)
Safety glasses with side shields must be worn at all times.

General Hygiene Considerations:

Wash thoroughly after handling. Do not take internally. Eye wash and safety equipment should be readily available.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid
Odor: Ether-like odor
pH: N/A
Vapor Pressure: 353 mmHg (20 °C)
Vapor Density (Air = 1): 2.93 g/L
Boiling Point: 40 °C
Melting Point: -97 °C
Solubility in Water (%): Slight (1.3%)

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Specific Gravity (H_2O = 1): 1.326 g/cm3
Flash Point: >230°F
Explosion Limits (%): 12 to 23
Autoignition Temperature: 556°C
Percent Volatile: 99+
Evaporation Rate (BuAc = 1): 27.5
Molecular Weight: N/A
Molecular Formula: N/A

SECTION 10 - STABILITY AND REACTIVITY

Stability: Stable

Conditions To Avoid: Contact with ignition sources
Materials To Avoid: Bases
Oxidizers
Alkali metals; Aluminum, magnesium, sodium, potassium and lithium

Hazardous Decomposition: Hydrogen chloride gas (HCl); Phosgene; Chlorine
Hazardous Polymerization: Will not occur

SECTION 11 - TOXICOLOGICAL INFORMATION

See section 3 for specific toxicological information for the ingredients of this product.

SECTION 12 - ECOLOGICAL INFORMATION

By complying with sections 6 and 7 there will be no release to the environment.

SECTION 13 - DISPOSAL CONSIDERATIONS

Recycle or incinerate at any EPA approved facility or dispose in compliance with Federal, State and local regulations. Empty containers must be triple-rinsed prior to disposal.

SECTION 14 - TRANSPORT INFORMATION

DOT UN Number: UN1593 Shipping Class: 6.1 Packing Group: III POISON

SECTION 15 - REGULATORY INFORMATION

In addition to Federal and state regulations, local regulations may apply. Check with your local regulatory authorities.

All components are listed on the TSCA Inventory. **For laboratory, research and development use only. Not for manufacturing or commercial purposes.**
WARNING: This product contains chemical(s) known to the state of California to cause cancer.

SECTION 16 - OTHER INFORMATION

This document has been designed to meet the requirements of OSHA, ANSI and CHIPs regulations.

The statements contained herein are offered for informational purposes only and are based on technical data that we believe to be accurate. It is intended for use only by persons having the necessary technical skill and at their own discretion and risk. Since conditions and manner of use are outside our control, we make

Alteration of any information contained herein without written permission from AccuStandard strictly prohibited.

NO WARRANTY, EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE.

Legend : N/A = Not Available ND = Not Determined NR = Not Regulated

* * * End of Document * * *

Alteration of any information contained herein without written permission from AccuStandard strictly prohibited.

Material Safety Data Sheet
Hydrochloric acid

MSDS# 94460

Section 1 - Chemical Product and Company Identification

MSDS Name:	Hydrochloric acid
Catalog Numbers:	SA5-5, SA50-1, SA50-20, SA50-4, SA52-20, SA52-500, SA54-1, SA54-10, SA54-20, SA54-4, SA60-1, SA62-1
Synonyms:	Chlorohydric acid; Hydrogen chloride; Muriatic acid; Spirits of salt; Hydrochloride.
Company Identification:	Fisher Scientific One Reagent Lane Fair Lawn, NJ 07410
For information in the US, call:	201-796-7100
Emergency Number US:	201-796-7100
CHEMTREC Phone Number, US:	800-424-9300

Section 2 - Composition, Information on Ingredients

Risk Phrases: 34 37

CAS#:	7647-01-0
Chemical Name:	Hydrochloric acid
%:	<2.0
EINECS#:	231-595-7
Hazard Symbols:	C

Risk Phrases:

CAS#:	7732-18-5
Chemical Name:	Water
%:	>98
EINECS#:	231-791-2
Hazard Symbols:	

Text for R-phrases: see Section 16

Hazard Symbols:	None listed
Risk Phrases:	None listed

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Warning! May cause eye, skin, and respiratory tract irritation. Target Organs: No data found.

Potential Health Effects

Eye:	May cause eye irritation.
Skin:	May cause skin irritation.
Ingestion:	May cause irritation of the digestive tract.
Inhalation:	May cause respiratory tract irritation. Exposure to the mist and vapor may erode exposed teeth.
Chronic:	Prolonged or repeated skin contact may cause dermatitis. Repeated exposure may cause erosion of teeth. Repeated exposure to low concentrations of HCl vapor or mist may cause bleeding of nose and gums. Chronic bronchitis and gastritis have also been reported.

Section 4 - First Aid Measures

Eyes: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical aid.

Skin: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid immediately. Wash clothing before reuse.

Ingestion: If swallowed, do NOT induce vomiting. Get medical aid immediately. If victim is fully conscious, give a cupful of water. Never give anything by mouth to an unconscious person.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Notes to Physician: Treat symptomatically and supportively.

Section 5 - Fire Fighting Measures

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Not flammable, but reacts with most metals to form flammable hydrogen gas. Use water spray to keep fire-exposed containers cool. Containers may explode when heated.

Extinguishing Media: Substance is nonflammable; use agent most appropriate to extinguish surrounding fire.

Autoignition Temperature: Not applicable.

Flash Point: Not applicable.

Explosion Limits: Lower: Not available

Explosion Limits: Upper: Not available

NFPA Rating: health: 1; flammability: 0; instability: 1;

Section 6 - Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section. Provide ventilation. Cover with dry earth, dry sand, or other non-combustible material followed with plastic sheet to minimize spreading and contact with water.

Section 7 - Handling and Storage

Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use only in a well-ventilated area. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation. Discard contaminated shoes.

Storage: Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Do not store in metal containers. Store away from alkalies.

Section 8 - Exposure Controls, Personal Protection

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
Hydrochloric acid	2 ppm Ceiling	50 ppm IDLH	5 ppm Ceiling; 7 mg/m3 Ceiling
Water	none listed	none listed	none listed

OSHA Vacated PELs: Hydrochloric acid: None listed Water: None listed

Engineering Controls:

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

Exposure Limits

Personal Protective Equipment

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin:	Wear neoprene or polyvinyl chloride gloves to prevent exposure.
Clothing:	Wear appropriate protective clothing to prevent skin exposure.
Respirators:	A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

Section 9 - Physical and Chemical Properties

Physical State:	Clear liquid
Color:	colorless to slight yellow
Odor:	Not available
pH:	0.10 (1.0N soln)
Vapor Pressure:	Not available
Vapor Density:	Not available
Evaporation Rate:	Not available
Viscosity:	Not available
Boiling Point:	Not available
Freezing/Melting Point:	Not available
Decomposition Temperature:	Not available
Solubility in water:	Soluble
Specific Gravity/Density:	Not available.
Molecular Formula:	HCl
Molecular Weight:	36.46

Section 10 - Stability and Reactivity

Chemical Stability:	Stable under normal temperatures and pressures.
Conditions to Avoid:	Excess heat.
Incompatibilities with Other Materials	Bases.
Hazardous Decomposition Products	Hydrogen chloride.
Hazardous Polymerization	Will not occur.

Section 11 - Toxicological Information

RTECS#:

CAS# 7647-01-0: MW4025000 MW4031000
CAS# 7732-18-5: ZC0110000

LD50/LC50:

RTECS:
CAS# 7647-01-0: Inhalation, mouse: LC50 = 1108 ppm/1H;
Inhalation, mouse: LC50 = 20487 mg/m3/5M;
Inhalation, mouse: LC50 = 3940 mg/m3/30M;
Inhalation, mouse: LC50 = 8300 mg/m3/30M;
Inhalation, rat: LC50 = 3124 ppm/1H;
Inhalation, rat: LC50 = 60938 mg/m3/5M;
Inhalation, rat: LC50 = 7004 mg/m3/30M;
Inhalation, rat: LC50 = 45000 mg/m3/5M;
Inhalation, rat: LC50 = 8300 mg/m3/30M;
Oral, rabbit: LD50 = 900 mg/kg;
.
RTECS:
CAS# 7732-18-5: Oral, rat: LD50 = >90 mL/kg;
.

Carcinogenicity:

Hydrochloric acid - IARC: Group 3 (not classifiable)
Water - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

Other: Rinsed with water test: Administration into the eye (rabbit) = 5 mg/30sec (Mild).

Section 12 - Ecological Information

Ecotoxicity:

Fish: Bluegill/Sunfish: 3.6 mg/L; 48 Hr; Lethal (unspecified)
Fish: Bluegill/Sunfish: LD50; 96 Hr; pH 3.0-3.5

Section 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

Section 14 - Transport Information

US DOT
Shipping Name: HYDROCHLORIC ACID
Hazard Class: 8
UN Number: UN1789
Packing Group: II
Canada TDG
Shipping Name: Not regulated as a hazardous material
Hazard Class:
UN Number:
Packing Group:

USA RQ: CAS# 7647-01-0: 5000 lb final RQ; 2270 kg final RQ

Section 15 - Regulatory Information

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols:Not available

Risk Phrases:

Safety Phrases:

S 24/25 Avoid contact with skin and eyes.

WGK (Water Danger/Protection)

CAS# 7647-01-0: 1

CAS# 7732-18-5: Not available

Canada

CAS# 7647-01-0 is listed on Canada's DSL List

CAS# 7732-18-5 is listed on Canada's DSL List

Canadian WHMIS Classifications: Not controlled.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

CAS# 7647-01-0 is listed on Canada's Ingredient Disclosure List

CAS# 7732-18-5 is not listed on Canada's Ingredient Disclosure List.

US Federal

TSCA

CAS# 7647-01-0 is listed on the TSCA Inventory.

CAS# 7732-18-5 is listed on the TSCA Inventory.

Section 16 - Other Information

MSDS Creation Date: 12/19/2007

Revision #2 Date 7/20/2009

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantibility or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.

MATERIAL SAFETY DATA SHEET
29 CFR 1910.1200 OSHA Hazard
Communication Rule Format
Chem-Tel 24 Hour Emergency # 1-800-255-3924

MINE SAFETY APPLIANCES COMPANY
P.O. Box 426
Pittsburgh, PA 15230
PHONE (412) 967-3000

This product contains isobutylene, oxygen and nitrogen, substances subject to the Pennsylvania Worker and Community Right-To-Know Act.

PRODUCT IDENTITY

LABEL IDENTITY - MSA P/N 10028038 Calibration Check Gas, 100 ppm Isobutylene in Air

CHEMICAL NAME - Isobutylene, Oxygen, Nitrogen Mixture

ADDITIONAL IDENTITIES - MSA P/N 10028038 Calibration Gas

FORMULA - C_4H_8 in Air

APPLICABLE CHEMICAL CONTENTS

	ppm	TWA
Isobutylene (CAS 115-11-7)	100	None
Air	Balance	None

NOTE: Gas under pressure, 1000 PSIG at 70°F, Approx. 100 Liters gas at atmospheric pressure

PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR - Colorless odorless gas.

BOILING POINT - N/A

SPECIFIC GRAVITY (H_2O = 1) - N/A

VAPOR PRESSURE - N/A

PERCENT VOLATILE BY VOLUME - N/A

VAPOR DENSITY (AIR = 1) - > 1

SOLUBILITY IN WATER - Isobutylene - Insoluble
Oxygen - 3.2 cm^3/100 ml (25°C)
Nitrogen - 2.3 cm^3/100 ml (0°C)

N/A - Not Applicable

PHYSICAL HAZARD INFORMATION

PHYSICAL HAZARD - Compressed gas, 1000 PSIG at 70°F

CONDITIONS OR MATERIALS TO AVOID - None

FLASH POINT - N/A LEL - N/A UEL - N/A

EXTINGUISHING MEDIA - This calibration gas mixture is not flammable. Use extinguishing media appropriate to surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES - See Next Item

UNUSUAL FIRE AND EXPLOSION HAZARDS - Gas under pressure, 1000 PSIG at 70°F. Do not exceed 120°F.

HEALTH HAZARDS

HEALTH HAZARDS - None Known for 100 ppm Isobutylene in Air. Isobutylene Inhalation Rat LC50: 620 Gm/M^3/4H. Isobutylene Inhalation Mouse LC50: 415 gm/M^3/2H.

SIGNS AND SYMPTOMS OF EXPOSURE - N/A to this gas mixture.

PRIMARY ROUTES OF ENTRY - Inhalation

TARGET ORGANS - Isobutylene is an asphyxiant, which displaces oxygen in the environment..

MEDICAL CONDITIONS GENERALLY RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE - No information

EXPOSURE LIMITS - None (ACGIH 2009)

CARCINOGENICITY DATA - Component gases are not listed by NIOSH RTECS, OSHA, NTP or IARC.

EMERGENCY AND FIRST AID PROCEDURES - None

SAFE HANDLING AND USE

HYGIENIC PRACTICES - Avoid breathing gas.

PROTECTIVE MEASURES DURING REPAIR AND MAINTENANCE OF CONTAMINATED EQUIPMENT - N/A

PROCEDURES FOR SPILL OR LEAK CLEANUP - Ventilate area

WASTE DISPOSAL - Do not puncture or incinerate cylinder. Before discarding cylinder, slowly release contents to a safe exhaust. Dispose of cylinder in accordance with local, state and federal regulations

STORAGE - Store in a cool, dry, well-ventilated area. Do not exceed 120°F.

CONTROL MEASURES

PERSONAL PROTECTIVE EQUIPMENT - Due to the limited amount of gas in the cylinder, and the low release rate employed in instrument calibration, respiratory protection is not indicated under conditions of intended use.

ENGINEERING CONTROLS - Mechanical ventilation is suitable.

WORK PRACTICES - Avoid breathing gas. Use in well-ventilated areas. Follow the calibration procedure detailed in the MSA instruction manual provided with the instrument under calibration.

DATE OF PREPARATION - Rev. 2, April 2009

WARNING: This is a hazardous chemical product. By following the directions and warnings provided with this product, the hazards associated with the use of this product can be greatly reduced but never entirely eliminated. Mine Safety Appliances Company makes no warranties, expressed or implied, with respect to this product and EXPRESSLY DISCLAIMS THE WARRANTY OF MERCHANTABILITY AND ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. Users assume all risks in handling, using or storing this product.

Fisher Scientific

Material Safety Data Sheet

Isopropyl alcohol 70% in water

MSDS# 89530

Section 1 - Chemical Product and Company Identification

MSDS Name:	Isopropyl alcohol 70% in water
Catalog Numbers:	AC613190040, AC613245000, A459-1, A459-20, A459-4, A459-500, NC9761180
Synonyms:	Isopropanol; Dimethylcarbinol; sec-Propyl alcohol; Rubbing alcohol; Petrohol; 1-Methylethanol; 1-Methylethyl alcohol; 2-Hydroxypropane; 2-Propyl alcohol; Isopropyl alcohol; Propan-2-ol; IPA; 2-Propanol.
Company Identification:	Fisher Scientific One Reagent Lane Fair Lawn, NJ 07410
For information in the US, call:	201-796-7100
Emergency Number US:	201-796-7100
CHEMTREC Phone Number, US:	800-424-9300

Section 2 - Composition, Information on Ingredients

Risk Phrases: 11 36 67

CAS#:	67-63-0
Chemical Name:	Isopropyl alcohol
%:	70
EINECS#:	200-661-7
Hazard Symbols:	F Xi

Risk Phrases:

CAS#:	7732-18-5
Chemical Name:	Water
%:	30
EINECS#:	231-791-2
Hazard Symbols:	

Text for R-phrases: see Section 16

Hazard Symbols: Xi F





Risk Phrases: 11 36 67

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Warning! Flammable liquid and vapor. Prolonged or repeated contact causes defatting of the skin with irritation, dryness, and cracking. May cause central nervous system depression. Aspiration hazard if swallowed. Can enter lungs and cause damage. Breathing vapors may cause drowsiness and dizziness. Causes eye and respiratory tract irritation. Target Organs: Central nervous system, respiratory system, eyes, skin.

Potential Health Effects

Eye:	Produces irritation, characterized by a burning sensation, redness, tearing, inflammation, and possible corneal injury. May cause transient corneal injury.
Skin:	May cause irritation with pain and stinging, especially if the skin is abraded. Isopropanol has a low potential to cause allergic skin reactions; however, rare cases of allergic contact dermatitis have been reported. May be absorbed through intact skin.
Ingestion:	Causes gastrointestinal irritation with nausea, vomiting and diarrhea. May cause kidney damage. May cause central nervous system depression, characterized by excitement, followed by headache, dizziness, drowsiness, and nausea. Advanced stages may cause collapse, unconsciousness, coma and possible death due to respiratory failure. Aspiration of material into the lungs may cause chemical pneumonitis, which may be fatal.
Inhalation:	Inhalation of high concentrations may cause central nervous system effects characterized by nausea, headache, dizziness, unconsciousness and coma. May cause narcotic effects in high concentration. Causes upper respiratory tract irritation. Inhalation of vapors may cause drowsiness and dizziness.
Chronic:	Prolonged or repeated skin contact may cause defatting and dermatitis.

Section 4 - First Aid Measures

Eyes:	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical aid.
Skin:	In case of contact, flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical aid if irritation develops and persists. Wash clothing before reuse.
Ingestion:	Potential for aspiration if swallowed. Get medical aid immediately. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If vomiting occurs naturally, have victim lean forward.
Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.
Notes to Physician:	Urine acetone test may be helpful in diagnosis. Hemodialysis should be considered in severe intoxication. Treat symptomatically and supportively.

Section 5 - Fire Fighting Measures

General Information:	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Vapors may form an explosive mixture with air. Use water spray to keep fire-exposed containers cool. Flammable liquid and vapor. Vapors are heavier than air and may travel to a source of ignition and flash back. Vapors can spread along the ground and collect in low or confined areas.
Extinguishing Media:	Water may be ineffective. Do NOT use straight streams of water. For large fires, use dry chemical, carbon dioxide, alcohol-resistant foam, or water spray. For small fires, use carbon dioxide, dry chemical, dry sand, or alcohol-resistant foam. Cool containers with flooding quantities of water until well after fire is out.
Autoignition Temperature:	399 deg C (750.20 deg F)
Flash Point:	18 deg C (64.40 deg F)
Explosion Limits: Lower:	2.0 vol %
Explosion Limits: Upper:	12.7 @ 93.3°C
NFPA Rating:	health: 1; flammability: 3; instability: 0;

Section 6 - Accidental Release Measures

General Information:	Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks:	Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Use water spray to dilute spill to a non-flammable mixture. Clean up spills immediately, observing precautions in the Protective Equipment section. Remove all sources of ignition. Use a spark-proof tool. Provide ventilation. A vapor suppressing foam may be used to reduce vapors.

Section 7 - Handling and Storage

Handling:	Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Ground and bond containers when transferring material. Use spark-proof tools and explosion proof equipment. Avoid contact with eyes, skin, and clothing. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous.

Take precautionary measures against static discharges. Keep container tightly closed. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. Use only with adequate ventilation. Avoid breathing vapor or mist.

Storage: Keep away from sources of ignition. Store in a tightly closed container. Keep from contact with oxidizing materials. Store in a cool, dry, well-ventilated area away from incompatible substances.

Section 8 - Exposure Controls, Personal Protection

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
Isopropyl alcohol	200 ppm; 400 ppm STEL	400 ppm TWA; 980 mg/m3 TWA 2000 ppm IDLH (10% LEL)	400 ppm TWA; 980 mg/m3 TWA
Water	none listed	none listed	none listed

OSHA Vacated PELs: Isopropyl alcohol: 400 ppm TWA; 980 mg/m3 TWA Water: None listed

Engineering Controls:

Use explosion-proof ventilation equipment. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

Exposure Limits

Personal Protective Equipment

Eyes: Wear chemical splash goggles.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

Section 9 - Physical and Chemical Properties

Physical State: Liquid

Color: colorless

Odor: alcohol-like

pH: Not available

Vapor Pressure: 33 mm Hg @ 20 deg C

Vapor Density: 2.1 (Air=1)

Evaporation Rate: 1.7 (n-butyl acetate=1)

Viscosity: 2.27 mPas @ 20 deg C

Boiling Point: 82 deg C @ 760 mm Hg (179.60°F)

Freezing/Melting Point: -88 deg C (-126.40°F)

Decomposition Temperature: Not available

Solubility in water: Miscible

Specific Gravity/Density: 0.7850 (water=1)

Molecular Formula: C3H8O

Molecular Weight: 60.09

Section 10 - Stability and Reactivity

Chemical Stability: Stable.

Conditions to Avoid: Ignition sources, excess heat.

Incompatibilities with Other Materials: Strong oxidizing agents, strong acids, strong bases, amines, ammonia, ethylene oxide, isocyanates, acetaldehyde, chlorine, phosgene, Attacks some forms of plastics, rubbers, and coatings., aluminum at high temperatures.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.

Hazardous Polymerization: Will not occur.

Section 11 - Toxicological Information

RTECS#: CAS# 67-63-0: NT8050000
CAS# 7732-18-5: ZC0110000

RTECS:
CAS# 67-63-0: Draize test, rabbit, eye: 100 mg Severe;
Draize test, rabbit, eye: 10 mg Moderate;
Draize test, rabbit, eye: 100 mg/24H Moderate;
Draize test, rabbit, skin: 500 mg Mild;
Inhalation, mouse: LC50 = 53000 mg/m3;
Inhalation, rat: LC50 = 16000 ppm/8H;
Inhalation, rat: LC50 = 72600 mg/m3;
Oral, mouse: LD50 = 3600 mg/kg;
Oral, mouse: LD50 = 3600 mg/kg;
Oral, rabbit: LD50 = 6410 mg/kg;
Oral, rat: LD50 = 5045 mg/kg;
Oral, rat: LD50 = 5000 mg/kg;
Skin, rabbit: LD50 = 12800 mg/kg;

LD50/LC50:

RTECS:
CAS# 7732-18-5: Oral, rat: LD50 = >90 mL/kg;

Carcinogenicity: Isopropyl alcohol - IARC: Group 3 (not classifiable)
Water - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

Other: See actual entry in RTECS for complete information.

Section 12 - Ecological Information

Ecotoxicity: Fish: Fathead Minnow: >1000 ppm; 96h; LC50
Daphnia: >1000 ppm; 96h; LC50
Fish: Gold orfe: 8970-9280 ppm; 48h; LC50

Section 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

Section 14 - Transport Information

US DOT
Shipping Name: ISOPROPANOL
Hazard Class: 3
UN Number: UN1219
Packing Group: II
Canada TDG
Shipping Name: ISOPROPANOL
Hazard Class: 3
UN Number: UN1219
Packing Group: II

Section 15 - Regulatory Information

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: XI F

Risk Phrases:

R 11 Highly flammable.

R 36 Irritating to eyes.

R 67 Vapours may cause drowsiness and dizziness.

Safety Phrases:

S 7 Keep container tightly closed.

S 16 Keep away from sources of ignition - No smoking.

S 24/25 Avoid contact with skin and eyes.

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

WGK (Water Danger/Protection)

CAS# 67-63-0: 1

CAS# 7732-18-5: Not available

Canada

CAS# 67-63-0 is listed on Canada's DSL List

CAS# 7732-18-5 is listed on Canada's DSL List

Canadian WHMIS Classifications: B2, D2B

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

CAS# 67-63-0 is listed on Canada's Ingredient Disclosure List

CAS# 7732-18-5 is not listed on Canada's Ingredient Disclosure List.

US Federal

TSCA

CAS# 67-63-0 is listed on the TSCA Inventory.

CAS# 7732-18-5 is listed on the TSCA Inventory.

Section 16 - Other Information

MSDS Creation Date: 7/27/1999

Revision #12 Date 7/20/2009

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantibility or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.

Material Safety Data Sheet

Version 3.0
Revision Date 05/12/2009
Print Date 06/23/2009

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Nitric acid

Product Number : 258121
Brand : Sigma-Aldrich

Company : Sigma-Aldrich
3050 Spruce Street
SAINT LOUIS MO 63103
USA
Telephone : +1 800-325-5832
Fax : +1 800-325-5052
Emergency Phone # : (314) 776-6555

2. COMPOSITION/INFORMATION ON INGREDIENTS

Formula : HNO3

CAS-No.	EC-No.	Index-No.	Concentration
Nitric acid			
7697-37-2	231-714-2	007-004-00-1	>= 90 %
Water			
7732-18-5	231-791-2	-	<= 10 %

3. HAZARDS IDENTIFICATION

Emergency Overview

OSHA Hazards
Target Organ Effect, Corrosive

Target Organs

Lungs, Teeth., Cardiovascular system.

HMIS Classification
Health Hazard: 3
Chronic Health Hazard: *
Flammability: 0
Physical hazards: 0

NFPA Rating
Health Hazard: 3
Fire: 0
Reactivity Hazard: 3
Special hazard.: OX

Potential Health Effects

Inhalation	May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.
Skin	May be harmful if absorbed through skin. Causes skin burns.
Eyes	Causes eye burns.
Ingestion	May be harmful if swallowed. Causes burns.

4. FIRST AID MEASURES

General advice
Consult a physician. Show this safety data sheet to the doctor in attendance.Move out of dangerous area.

If inhaled
If breathed in, move person into fresh air. If not breathing give artificial respiration Consult a physician.

In case of skin contact
Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.

In case of eye contact
Continue rinsing eyes during transport to hospital.Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed
Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

5. FIRE-FIGHTING MEASURES

Flammable properties

Flash point	no data available
Ignition temperature	no data available

Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for fire-fighters
Wear self contained breathing apparatus for fire fighting if necessary.

Further information
Use water spray to cool unopened containers.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions
Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

Environmental precautions
Do not let product enter drains.

Methods for cleaning up
Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

7. HANDLING AND STORAGE

Handling
Avoid inhalation of vapour or mist.
Keep away from sources of ignition - No smoking. Keep away from combustible material.

Storage
Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value	Control parameters	Update	Basis
Nitric acid	7697-37-2	TWA	2 ppm	2007-01-01	USA. ACGIH Threshold Limit Values (TLV)
Remarks	Eye & Upper Respiratory Tract irritation Dental erosion				
		STEL	4 ppm	2007-01-01	USA. ACGIH Threshold Limit Values (TLV)
	Eye & Upper Respiratory Tract irritation Dental erosion				
		TWA	2 ppm 5 mg/m3	1989-01-19	USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
		STEL	4 ppm 10 mg/m3	1989-01-19	USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
		TWA	2 ppm 5 mg/m3	1997-08-04	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
	The value in mg/m3 is approximate.				

Personal protective equipment

Respiratory protection
Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection
Handle with gloves.

Eye protection
Safety glasses

Skin and body protection
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form	liquid
Colour	colourless

Safety data

pH	< 1 at 20 °C (68 °F)
Melting point	no data available
Boiling point	100 °C (212 °F) at 1,013 hPa (760 mmHg)
Flash point	no data available
Ignition temperature	no data available
Lower explosion limit	no data available
Upper explosion limit	no data available
Vapour pressure	11 hPa (8 mmHg) at 20 °C (68 °F)
Density	1.4 g/cm3
Water solubility	completely soluble

10. STABILITY AND REACTIVITY

Storage stability
Stable under recommended storage conditions. Stable under recommended storage conditions.

Conditions to avoid
May discolor on exposure to air and light.

Materials to avoid
Alkali metals, Organic materials, Acetic anhydride, Acetonitrile, Alcohols, Acrylonitrile

Hazardous decomposition products
Hazardous decomposition products formed under fire conditions. - nitrogen oxides (NOx)

11. TOXICOLOGICAL INFORMATION

Acute toxicity

no data available

Irritation and corrosion

Skin - rabbit - Extremely corrosive and destructive to tissue. - Draize Test

Sensitisation

no data available

Chronic exposure

IARC:	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP:	No component of this product present at levels greater than or equal to 0.1% is identified as

a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Developmental Toxicity - rat - Oral
Effects on Embryo or Fetus: Fetotoxicity (except death, e.g., stunted fetus).

Reproductive toxicity - rat - Oral
Effects on Newborn: Biochemical and metabolic.

Signs and Symptoms of Exposure

burning sensation, Cough, wheezing, laryngitis, Shortness of breath, spasm, inflammation and edema of the larynx, spasm, inflammation and edema of the bronchi, pneumonitis, pulmonary edema, Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin.

Potential Health Effects

Inhalation	May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.
Skin	May be harmful if absorbed through skin. Causes skin burns.
Eyes	Causes eye burns.
Ingestion	May be harmful if swallowed. Causes burns.
Target Organs	Lungs, Teeth., Cardiovascular system.,

12. ECOLOGICAL INFORMATION

Elimination information (persistence and degradability)

no data available

Ecotoxicity effects

Toxicity to fish	LC50 - Asterias rubens - 100 - 330 mg/l - 48 h

Further information on ecology

May be harmful to aquatic organisms due to the shift of the pH.

13. DISPOSAL CONSIDERATIONS

Product
Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging
Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT (US)
UN-Number: 2031 Class: 8 (5.1) Packing group: I
Proper shipping name: Nitric acid
Marine pollutant: No
Poison Inhalation Hazard: No

IMDG
UN-Number: 2031 Class: 8 (5.1) Packing group: I EMS-No: F-A, S-Q
Proper shipping name: NITRIC ACID
Marine pollutant: No

IATA
UN-Number: 2031 Class: 8 (5.1) Packing group: I
Proper shipping name: Nitric acid
IATA Passenger: Not permitted for transport

15. REGULATORY INFORMATION

OSHA Hazards
Target Organ Effect, Corrosive

DSL Status
All components of this product are on the Canadian DSL list.

SARA 302 Components

	CAS-No.	Revision Date
Nitric acid	7697-37-2	2007-07-01

SARA 313 Components

	CAS-No.	Revision Date
Nitric acid	7697-37-2	2007-07-01

SARA 311/312 Hazards
Acute Health Hazard, Chronic Health Hazard

Massachusetts Right To Know Components

	CAS-No.	Revision Date
Nitric acid	7697-37-2	2007-07-01

Pennsylvania Right To Know Components

	CAS-No.	Revision Date
Water	7732-18-5	
Nitric acid	7697-37-2	2007-07-01

New Jersey Right To Know Components

	CAS-No.	Revision Date
Water	7732-18-5	
Nitric acid	7697-37-2	2007-07-01

California Prop. 65 Components
This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.

16. OTHER INFORMATION

Further information
Copyright 2009 Sigma-Aldrich Co. License granted to make unlimited paper copies for internal use only.
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Co., shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Appendix I
Community Air Monitoring Plan

Appendix 1A
New York State Department of Health
Generic Community Air Monitoring Plan

Overview

A Community Air Monitoring Plan (CAMP) requires real-time monitoring for volatile organic compounds (VOCs) and particulates (i.e., dust) at the downwind perimeter of each designated work area when certain activities are in progress at contaminated sites. The CAMP is not intended for use in establishing action levels for worker respiratory protection. Rather, its intent is to provide a measure of protection for the downwind community (i.e., off-site receptors including residences and businesses and on-site workers not directly involved with the subject work activities) from potential airborne contaminant releases as a direct result of investigative and remedial work activities. The action levels specified herein require increased monitoring, corrective actions to abate emissions, and/or work shutdown. Additionally, the CAMP helps to confirm that work activities did not spread contamination off-site through the air.

The generic CAMP presented below will be sufficient to cover many, if not most, sites. Specific requirements should be reviewed for each situation in consultation with NYSDOH to ensure proper applicability. In some cases, a separate site-specific CAMP or supplement may be required. Depending upon the nature of contamination, chemical- specific monitoring with appropriately-sensitive methods may be required. Depending upon the proximity of potentially exposed individuals, more stringent monitoring or response levels than those presented below may be required. Special requirements will be necessary for work within 20 feet of potentially exposed individuals or structures and for indoor work with co-located residences or facilities. These requirements should be determined in consultation with NYSDOH.

Reliance on the CAMP should not preclude simple, common-sense measures to keep VOCs, dust, and odors at a minimum around the work areas.

Community Air Monitoring Plan

Depending upon the nature of known or potential contaminants at each site, real-time air monitoring for VOCs and/or particulate levels at the perimeter of the exclusion zone or work area will be necessary. Most sites will involve VOC and particulate monitoring; sites known to be contaminated with heavy metals alone may only require particulate monitoring. If radiological contamination is a concern, additional monitoring requirements may be necessary per consultation with appropriate DEC/NYSDOH staff.

Continuous monitoring will be required for all ground intrusive activities and during the demolition of contaminated or potentially contaminated structures. Ground intrusive activities include, but are not limited to, soil/waste excavation and handling, test pitting or trenching, and the installation of soil borings or monitoring wells.

Periodic monitoring for VOCs will be required during non-intrusive activities such as the collection of soil and sediment samples or the collection of groundwater samples from existing monitoring wells. “Periodic” monitoring during sample collection might reasonably consist of taking a reading upon arrival at a sample location, monitoring while opening a well cap or

overturning soil, monitoring during well baling/purging, and taking a reading prior to leaving a sample location. In some instances, depending upon the proximity of potentially exposed individuals, continuous monitoring may be required during sampling activities. Examples of such situations include groundwater sampling at wells on the curb of a busy urban street, in the midst of a public park, or adjacent to a school or residence.

VOC Monitoring, Response Levels, and Actions

Volatile organic compounds (VOCs) must be monitored at the downwind perimeter of the immediate work area (i.e., the exclusion zone) on a continuous basis or as otherwise specified. Upwind concentrations should be measured at the start of each workday and periodically thereafter to establish background conditions, particularly if wind direction changes. The monitoring work should be performed using equipment appropriate to measure the types of contaminants known or suspected to be present. The equipment should be calibrated at least daily for the contaminant(s) of concern or for an appropriate surrogate. The equipment should be capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

1. If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background for the 15-minute average, work activities must be temporarily halted and monitoring continued. If the total organic vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities can resume with continued monitoring.

2. If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities must be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities can resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less - but in no case less than 20 feet, is below 5 ppm over background for the 15-minute average.

3. If the organic vapor level is above 25 ppm at the perimeter of the work area, activities must be shutdown.

4. All 15-minute readings must be recorded and be available for State (DEC and NYSDOH) personnel to review. Instantaneous readings, if any, used for decision purposes should also be recorded.

Particulate Monitoring, Response Levels, and Actions

Particulate concentrations should be monitored continuously at the upwind and downwind perimeters of the exclusion zone at temporary particulate monitoring stations. The particulate monitoring should be performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level. The equipment must be equipped with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration should be visually assessed during all work activities.

1. If the downwind PM-10 particulate level is 100 micrograms per cubic meter (mcg/m^3) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques must be employed. Work may continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed 150 mcg/m^3 above the upwind level and provided that no visible dust is migrating from the work area.

2. If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than 150 mcg/m^3 above the upwind level, work must be stopped and a re-evaluation of activities initiated. Work can resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 mcg/m^3 of the upwind level and in preventing visible dust migration.

3. All readings must be recorded and be available for State (DEC and NYSDOH) and County Health personnel to review.

December 2009

Appendix J
Citizen Participation Plan

Geosyntec consultants

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CITIZEN PARTICIPATION PLAN

FORMER SPERRY REMINGTON SITE – NORTH PORTION
777 SOUTH MAIN STREET
CITY OF ELMIRA, CHEMUNG COUNTY, NY
NYSDEC PROJECT 808022

Prepared for
New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 8
6274 East Avon-Lima Road
Avon, New York 14414-9519

Prepared by
Geosyntec Consultants, Inc. and Its Affiliate
Beech and Bonaparte Engineering, PC
10211 Wincopin Circle, 4th Floor
Columbia, Maryland 21044

Project Number MN0832E

September 2018

Agency Review Draft

Beech and Bonaparte engineering p.c.
an affiliate of Geosyntec Consultants

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LIST OF APPENDICES

Appendix A: Site Location
Appendix B: Site Mailing List

1. Introduction and Overview

This document presents the Citizen Participation (CP) Plan for the Former Sperry Remington Site – North Portion ("Site") located at 777 South Main Street, Elmira, Chemung County (Figures, Appendix A). The Site is currently occupied by Elmira High School (EHS). On 7 July 2014, Unisys Corporation (Unisys), entered into an Order on Consent and Administrative Settlement (Consent Order) with New York State Department of Environmental Conservation (NYSDEC) to perform environmental site characterization at EHS. The Consent Order requires the development of a CP Plan for the site in accordance with ECL §27-1417 and 6 NYCRR sections 375-1.10 and 375-3.10. With the consent of the Elmira City School District (ECSD), on 26 April 2016 Unisys submitted an application to enter the Site into the New York State Department of Environmental Conservation (NYSDEC) Brownfields Cleanup Program (BCP). NYSDEC gave an initial determination that the BCP application is complete on 10 June 2016 and received public comments on the application until 22 July 2016. The BCP Agreement for the Site was executed on 23 March 2017. Unisys intends to keep the general public informed regarding its remedial investigation (RI) activities at EHS, and is working closely with NYSDEC, and New York State Department of Health (NYSDOH) in that regard. The CP plan outlines community outreach approaches that are likely to be employed to achieve community participation and receive community feedback with regard to environmental RI activities at EHS.

2. Site Background

The Site has been the subject of multiple environmental investigations between 1998 and 2017. In 2003, New York State Department of Health (NYSDOH) completed a Health Consultation for Southside High School (now Elmira High School [EHS]) (NYSDEC, 2003) that concluded that environmental conditions at EHS did not pose an apparent health hazard because average levels of contaminants in surface soils did not exceed public health comparison values. Although subsurface soil contained chemicals at levels exceeding public health comparison values, the school community was not being exposed to them. NYSDOH recommended at that time that ECSD develop a written soil management plan to "minimize potential public exposures to contaminated subsurface materials…"

An Order on Consent and Administrative Settlement (Order) with the NYSDEC for the Site was approved by NYSDEC on 7 July 2014. Unisys conducted Site Characterization (SC) activities at the Site in accordance with the Order and the Site Characterization Work Plan (SC Work Plan) (Geosyntec, 2014a). A SC Data Report (Geosyntec, 2015) was submitted to NYSDEC on 6 February 2015 that presented the activities, results and findings of the SC to date. Additional SC activities were conducted under SC Work Plan addenda dated 22 May 2015, 8 January 2016, 9 August 2016, 3 February 2017, and 16 March 2017 (Geosyntec, 2015b, 2016a, 2016b, 2017a, 2017b). Unisys submitted an SC Report (Geosyntec, 2017) in May 2017 that documents results

of those activities conducted between 13 July 2015 and 13 April 2017 and provides references to previous reports in order to present a full summary of work. Future work at the Site, including the RI described in this work plan, is being conducted under the BCP Agreement.

2.1 Site History

The EHS site was used for heavy industry from the 1880s to 1977. From 1887 to 1909 B.W. Payne & Sons produced high speed steam engines. Morrow Manufacturing made drill-chucks, machine parts, and a line of tools from 1909 to 1935. Remington Rand manufactured typewriters from 1936 until the facility closed in 1972. Westinghouse used part of the property for warehousing from 1974 to 1977. The property was conveyed by Westinghouse to Elmira City School District (ECSD) in 1977 and the EHS was subsequently constructed on the property.

A 1995 NYSDEC Spills Division investigation of petroleum-related conditions at nearby Miller Pond traced petroleum constituents back to, and underneath, the EHS property. Petroleum concentrations in soil outside EHS were subsequently remediated by the NYSDEC Spills Division through the utilization of bioremediation. In 2000, ECSD expressed concern about the potential health risks associated with exposures to environmental contamination at EHS. That concern resulted in the implementation of additional environmental assessments by NYSDOH and NYSDEC at EHS, as well as nearby areas, to determine whether there was any risk to EHS occupants. Subsequent findings and recommendations of the State's additional environmental assessment activities were summarized in a series of Public Health Consultations (PHC) conducted by the NYSDOH and the Federal Agency for Toxic Substances and Disease Registry (ATSDR). The 2003 PHC concluded that environmental conditions at EHS pose no apparent public health hazard, in part because building or surface cover materials, such as concrete slabs, pavement, surface soils, and vegetation, prevent exposure to potential underlying conditions. Moreover, the PHC also found that the building's heating, ventilating, and air conditioning system (HVAC) was reducing the risk of soil vapor migration, if any, into the buildings' indoor air.

In 2009, the ECSD formalized EHS operational health and safety procedures in an Environmental Management Plan (EMP) in an effort to organize environmental data, maintain engineering controls and manage future site development in order to reduce potential exposure to possible environmental conditions. The implementation of the EMP is not regulated under NYSDEC program. The ECSD posts current EMP-related activity and annual certification reports on the EHS webpage. As a result of the completion of the EMP and additional environmental activities by the ECSD, including indoor air sampling and the installation of vapor mitigation systems under the concrete floor in two portions of the EHS, the NYSDOH and ATSDR conducted a follow-up PHC in 2010. The 2010 PHC found that EHS occupants were not being exposed to environmental conditions exceeding public health guidance values in the indoor

air; however, the PHC emphasized the need for continued operation of the HVAC and vapor mitigation systems in order to reduce the risk of potential migration of soil vapor, if any, into the building's indoor air.

Since 2010, a number of construction projects have occurred at EHS that have encountered environmental conditions. Efficiency upgrades to the HVAC system have required additional assessments of operational functions, and historical information regarding the locations of former industrial site operations has been re-evaluated by NYSDEC and NYSDOH.

In 2013, in coordination with NYSDEC and NYSDOH, Unisys voluntarily performed an assessment of indoor and outdoor air quality at EHS and assessed the ability of the HVAC system at EHS to mitigate potential intrusion of soil vapor into a portion of the EHS building. That assessment concluded that measured concentrations of soil vapor constituents were acceptably below, and within, applicable New York State guidelines, and that the operation of the HVAC system effectively mitigated the potential intrusion of soil vapor into those areas of study.

Construction at, and the general operation of, EHS is being conducted in accordance with the EMP to reduce the risk of potential exposure to soil vapor. NYSDEC and NYSDOH have also determined that additional site characterization and remedial activities are recommended to address PAOCs associated with recent evaluations of historical information and will specifically include activities to characterize the source(s) of any soil vapor at the EHS.

2.2 Project Summary

Unisys is developing and submitting a Work Plan to further characterize soils and groundwater at EHS with oversight of environmental RI activities by NYSDEC and NYSDOH. The goal of these RI activities and environmental studies is to enhance the understanding of environmental conditions at EHS. Information collected during the RI will be summarized in a report. That information may conclude that no further action is needed at EHS to address environmental conditions, or it may suggest the need for additional remedial activities. After that report has been reviewed and its findings accepted by the NYSDEC and NYSDOH, public notice of those findings will take place.

3. Citizen Participation (CP) Activities

The CP program described in this section has been developed in accordance with the requirements of NYSDEC policy, the Citizen Participation Handbook for Remedial Programs. Unisys will implement likely CP activities outlined in this section with oversight and input from NYSDEC and NYSDOH.

3.1 Document Repository

Documents pertaining to the site characterization and environmental studies at EHS will be made available for public review. The document repository will be maintained and available at a public building in order to provide convenient access to the public. For EHS characterization activities, a document repository will be established and maintained at the following two (2) locations:

Chemung County Library District
Steele Memorial Library
101 East Church Street
Elmira, NY 14901
Attn: Owen Frank
Phone: (607) 733-9173
http://ccld.lib.ny.us/steele-memorial-library/

NYSDEC Region 8
6274 East Avon-Lima Rd (Routes 5 and 20)
Avon, New York 14414-9519
Attn: Timothy Schneider, P.E.
Hours: 8:30 - 4:45 M-F
Phone: (585) 226-2466 (call for appointment)

Those documents to be maintained in those repositories include, but are not limited to, the BCP Application, Fact Sheets, Site Characterization Work Plan, CP Plan, Site Characterization Report, IRM Work Plans, RI Work Plan, and other materials (historical investigations, information sheets, notices, etc.).

3.2 Mailing List

A mailing list allows for quick and easy dissemination of information, which can be accessed conveniently by those individuals who are interested in obtaining that information. A mailing list will be compiled to distribute site information to interested entities including stakeholders, media outlets, and government officials (Appendix B).

3.3 Points of Contact

Below is a list of personnel who are the designated points of contact for the EHS site environmental characterization. The public is encouraged to contact them directly to obtain project-specific information.

Project Related Information
Tim Schneider
NYSDEC
Division of Environmental Remediation

6274 East Avon-Lima Road
Avon, NY 14414
585-226-5454
timothy.schneider@dec.ny.gov

Site Related Health Information
Dawn Hettrick, PE NYSDOH
Empire State Plaza, Corning Tower Room #1787
Albany, NY 12237
518-402-7860
beei@health.ny.gov

Citizen Participation
Regina Willis
Regional Participation Specialist
NYSDEC
Division of Environmental Remediation
6274 East Avon-Lima Road
Avon, NY 14414
585-226-5324

3.4 Print Media

Fact Sheets are an effective means of disseminating information to the public to raise awareness and enhance participation. At key milestones in the project, NYSDEC will prepare a Fact Sheet in accordance with NYSDEC Program Policy Number 23.

3.5 Website

Because most community members have access to internet at either home, work, or a public library, providing information through a project website is helpful in enhancing public outreach and making information available at all times. NYSDEC will establish a website for the project and identify the website address for the project in its Fact Sheets.

3.6 Summaries of Technical Reports

Report summaries are very useful in succinctly communicating main aspects of a project to the community in lay terms. Therefore, after each technical report has been finalized and approved by NYSDEC, a summary will be prepared in the form of a Fact Sheet and will be made available for public review.

3.7 Public Notices

As required by NYSDEC Program Policy, formal public notices will be published in a local newspaper with general circulation to inform community members of key milestones or events pertaining to the project. Public Notices will appear in a prominent position in the newspaper and adequate response time will be provided to allow for community participation and feedback.

3.8 Public Comment Period and Response to Comments

Public comments will be solicited on certain project documents as, and when, required by NYSDEC. Per NYSDEC policy, a public comment period is typically thirty to forty-five (30 to 45) days. Following the conclusion of a public comment period, NYSDEC and Unisys will compile comments received and provide responses in a formal Response to Comments document.

3.9 Meetings

To communicate major project schedules, activities, or milestones, public or town meetings will be organized as per NYSDEC's requirement. Those meetings will include an oral or poster presentation of project activities and milestones and will include a discussion to solicit community feedback and address comments. Public meetings will be convened at locations convenient and central to the community, and the meeting time will be decided with input from community leaders. Meeting information will be published in a local newspaper and/or will be mailed to interested entities identified on the project mailing list.

3.10 Elected Local, State, and Federal Official Briefings

Local, state, and federal officials will be briefed as requested during project implementation and at key milestones. Those briefings will provide an opportunity for officials to be further informed about the project, get involved in the project, and resolve any concerns that they may have pertaining to project implementation. Contact information for relevant local, state and federal officials is included in the site mailing list provided in Appendix B.

3.11 CP Plan Revisions

Additional community needs or concerns that are not addressed in this CP plan may arise during project implementation. Unisys and NYSDEC will work together to identify those issues and update the CP plan as needed.

4. References

Geosyntec Consultants, Inc., 2013. Interim Remedial Measure Pre-Design Investigation Data Report, Former Sperry Remington Site (NYSDEC Site I.D. #808043), City of Elmira, Chemung County, NY.

Geosyntec Consultants, Inc., 2014, Revised Site Characterization Work Plan, Former Sperry Remington Site – North Portion (NYSDEC Site I.D. #808022), City of Elmira, Chemung County, NY.

Geosyntec Consultants, Inc., 2015a, Site Characterization Data Report, Elmira High School, Former Sperry Remington Site – North Portion (NYSDEC Site I.D. #808022), City of Elmira, Chemung County, NY.

Geosyntec Consultants, Inc., 2015b, Site Characterization Work Plan Addendumn#1 – Additional PCB Delineation, Elmira High School, Former Sperry Remington Site – North Portion (NYSDEC Site I.D. #808022), City of Elmira, Chemung County, NY.

Geosyntec Consultants, Inc., 2016a, Site Characterization Work Plan Addendumn#2 – Data Gap Investigation, Elmira High School, Former Sperry Remington Site – North Portion (NYSDEC Site I.D. #808022), City of Elmira, Chemung County, NY.

Geosyntec Consultants, Inc., 2016b, Site Characterization Work Plan Addendumn#3 – Agency Review Draft, Elmira High School, Former Sperry Remington Site – North Portion (NYSDEC Site I.D. #808022), City of Elmira, Chemung County, NY.

Geosyntec Consultants, Inc., 2017, SC Report, Elmira High School, Former Sperry Remington Site – North Portion (NYSDEC Site I.D. #808022), City of Elmira, Chemung County, NY.

Geosyntec Consultants, Inc., 2017a, Site Characterization Work Plan Addendumn#4 – Agency Review Draft, Elmira High School, Former Sperry Remington Site – North Portion (NYSDEC Site I.D. #808022), City of Elmira, Chemung County, NY.

Geosyntec Consultants, Inc., 2017b, Site Characterization Work Plan Addendumn#5 – Agency Review Draft, Elmira High School, Former Sperry Remington Site – North Portion (NYSDEC Site I.D. #808022), City of Elmira, Chemung County, NY.

Matrix Environmental Technologies. 1998. Subsurface Environmental Assessment Report, 777 South Main Street to Parkside Drive, Elmira, New York, NYSDEC Spill #94-16668.

NYSDEC, 2001. May – October 2000 NYSDEC Sampling report, Southside High School and Adjacent Properties. City of Elmira, Chemung County.

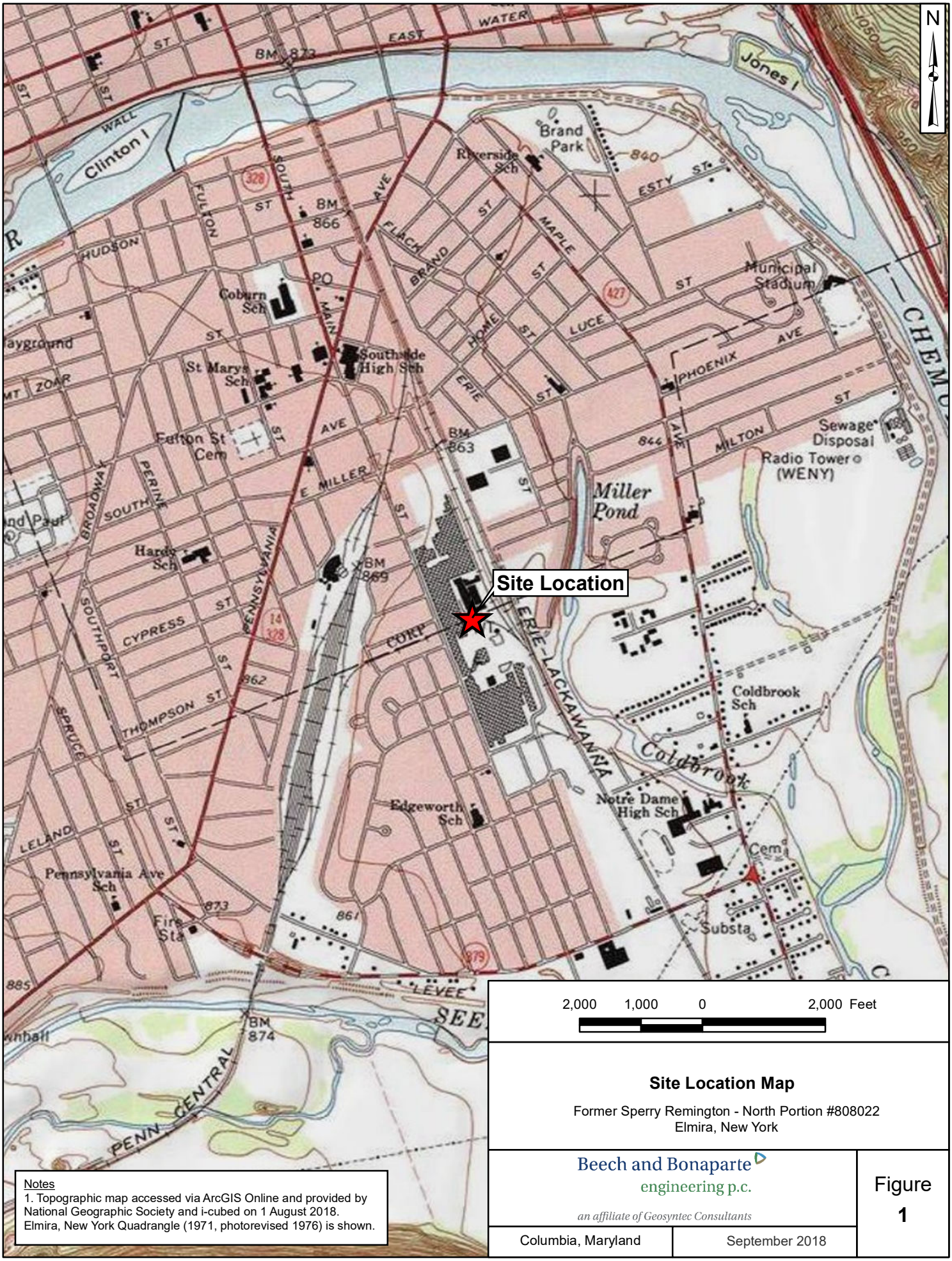
NYSDOH, 2003 Health Consultation, Southside high School in the City of Elmira, Chemung County, New York.

NYSDOH, 2010. Letter Health Consultation: Evaluation of Exposure Related to Soil Vapor Intrusion Mitigation Verification – December 2009, Southside High School, Elmira, Chemung County, New York.

Sterling Environmental Engineering, P.C., 2009. Elmira City School District, Southside High School, Elmira, New York, Environmental Management Plan.

APPENDIX A

SITE LOCATION



Notes
1. Topographic map accessed via ArcGIS Online and provided by National Geographic Society and i-cubed on 1 August 2018. Elmira, New York Quadrangle (1971, photorevised 1976) is shown.

Site Location Map

Former Sperry Remington - North Portion #808022
Elmira, New York

Beech and Bonaparte engineering p.c.
an affiliate of Geosyntec Consultants

Columbia, Maryland | September 2018

Figure 1

APPENDIX B

SITE MAILING LIST

Environmental Groups

Friends of the Chemung River Watershed
111 N. Main St.
Elmira, N.Y. 14901

Media

Stella Dupree, Managing Editor
The Leader
34 West Pulteney St.
Corning, N.Y., 14830

Neill Borowski, Executive Editor
Star-Gazette
201 Baldwin St., P.O. Box
Elmira, N.Y., 14902

News Director
WETM-TV
101 East Water Street
Elmira, N.Y., 14901

News Director
WENY-TV
474 Old Ithaca Road
Horseheads, N.Y., 14845

News Director
YNN
815 Erie Blvd. East
Syracuse, N.Y., 13210

Associated Press
Albany Bureau
P.O. Box 11010
Albany, N.Y., 12211

Local Officials

Honorable Daniel J. Mandell
Mayor - City of Elmira
Capitol - City Hall Third Floor
317 East Church Street
Elmira, N.Y., 14901

James D. Waters
Council Member – District 1
Capitol - City Hall Third Floor
317 East Church Street
Elmira, N.Y., 14901

Brent A. Stermer
Council Member – District 2
Capitol - City Hall Third Floor
317 East Church Street
Elmira, N.Y., 14901

Joseph H. Duffy
Council Member – District 3
Capitol - City Hall Third Floor
317 East Church Street
Elmira, N.Y., 14901

John R. Massey
Council Member – District 4
Capitol - City Hall Third Floor
317 East Church Street
Elmira, N.Y., 14901

Timothy M. Blandford
Council Member – District 5
Capitol - City Hall Third Floor
317 East Church Street
Elmira, N.Y., 14901

Nanette M. Moss
Council Member – District 6
Capitol - City Hall Third Floor
317 East Church Street
Elmira, N.Y., 14901

Elmira City School District Officials

Hillary Austin
Superintendent
Elmira City School District
951 Hoffman Street,
Elmira, N.Y., 14905

Sara Lattin
President, Board of Education
Elmira City School District
469 Cypress Street,
Elmira, N.Y., 14904

Chemung County Officials

Honorable Thomas J. Santulli
County Executive
John H. Hazlett Building
203 Lake Street
P.O. Box 588
Elmira, N.Y., 14902

Honorable Donna L. Draxler
Chairman, County Legislature
John H. Hazlett Building
203 Lake Street
P.O. Box 588
Elmira, N.Y., 14902

Catherine K. Hughes
Clerk, County Legislature
John H. Hazlett Building
210 Lake Street
P.O. Box 588
Elmira, N.Y., 14902

Weeden A. Wetmore
District Attorney
John H. Hazlett Building
226 Lake Street
P.O. Box 588
Elmira, N.Y., 14902

State Officials

Paul D'Amato
Regional Director
NYSDEC Region 8
6274 East Avon-Lima Road
Avon, N.Y., 14414

Dennis Harkawik, Esq.
Regional Attorney
NYSDEC Region 8
6274 East Avon-Lima Road
Avon, N.Y., 14414

Scott Foti
Bureau Chief – Remediation Bureau
NYSDEC Office of General Counsel
625 Broadway
14th Floor
Albany, N.Y., 12233

Timothy Schneider, P.E.
Division of Environmental Remediation
NYSDEC
Region 8
6274 East Avon-Lima Road
Avon, N.Y., 14414

Regina Willis
Regional Citizen Participation Specialist
NYSDEC Region 8
6274 East Avon-Lima Road
Avon, N.Y., 14414

Dawn Hettrick, P.E.
New York State Department of Health
Empire State Plaza, Corning Tower Room
#1787
Albany, N.Y., 12237

State Elected Officials

Senator Thomas F. O'Mara
938 Legislative Office Building
Albany, N.Y., 12248

Elmira District Office
333 East Water Street, Suite 301
Elmira, N.Y., 14902

Assemblyman Christopher S. Friend
938 Legislative Office Building
Albany, N.Y., 12248

476 Maple Street
P.O. Box 441
Big Flats, N.Y., 14814

Federal Elected Officials

Honorable Charles Schumer
United States Senate
322 Hart Senate Building
Washington D.C., 20510

Honorable Kirsten Gillibrand
United States Senate
478 Russell
Washington, D.C., 20510

Congressman Tom Reed
United States House of Representatives
1504 Longworth House Office Building
Washington, D.C., 20515

Adjacent Property Owners

MANCHESTER'S COLLISION REPAIR SOUTHSIDE INC
962 S Main St
Elmira, NY 14904

JACOBUS, SCOTT E & DEBRA A
954 S Main St
Elmira, NY 14904

SEVEN FIFTY ONE HOLDING CORP
950 S Main St
Elmira, NY 14904

SEVEN FIFTY ONE HOLDING CORP
904 S Main St
Elmira, NY 14904

SIMPSON, JAMES E JR & NANCY E
814 S Main St
Elmira, NY 14904

FITZWATER, ROBERT & FITZWATER, SYLVIA
812 S Main St
Elmira, NY 14904

PHILLIPS, EDWARD J & DEBRA A
810 S Main St
Elmira, NY 14904

BAKER, EDWIN JR & BAKER, CHRISTINE FAITH
808 S Main St
Elmira, NY 14904

SPICKNALL, CAMERON & LINDA & CRISS, KENNETH
806 S Main St
Elmira, NY 14904

CORNERSTONE HOMES INC
776 S Main St
Elmira, NY 14904

MITLEGA, J & WOOD, J
774 S Main St
Elmira, NY 14904

COMFORT, DALE & BONNIE
302 Sutton St
Elmira, NY 14904

GOODELL, FAITH ANN
770 S Main St
Elmira, NY 14904

SOUTH MAIN ST MINI STORAGE
768 S Main St
Elmira, NY 14904

WARD, MARTIN
766 S Main St
Elmira, NY 14904

SMITH, JAMES A
762 S Main St
Elmira, NY 14904

TRUAX, JERRY D & TRUAX, CHRISTY L
760 S Main St
Elmira, NY 14904

COPPOLA, NANCY
758 S Main St
Elmira, NY 14904

WATERS, SUZANNE M
754 S Main St
Elmira, NY 14904

MCCLURE, BARBARA
752 S Main St
Elmira, NY 14904

CORNERSTONE HOMES INC
750 S Main St
Elmira, NY 14904

THE HORNETS NEST INC
751 S Main St
Elmira, NY 14904

DOBBS, JONATHAN W
121 O'Gorman St
Elmira, NY 14904

COAXUM, JESSICA E
119 O'Gorman St
Elmira, NY 14904

HACKETT, JAMIE E & HACKETT MARY E
120 O'Gorman St
Elmira, NY 14904

CARLISLE, SANDIE
118 O'Gorman St
Elmira, NY 14904

STOWELL, JOANNE M
116 O'Gorman St
Elmira, NY 14904

CLEARWATER, PATRICK M
729 S Main St.
Elmira, NY 14904

VAN NESS, DAVID L & VAN NESS, MICHELLE A
727 S Main St
Elmira, NY 14904

DAVIES, JASON S
721 S Main St
Elmira, NY 14904

DAVIES, JASON S
79 S Main St
Elmira, NY 14904

REX FIELD POST #901 VFW C/O VFW OF US INC
113 Keefe St
Elmira, NY 14904

SOUTHERN TIER COMMERCE CENTER LLC
1051 S Main St
Elmira, NY 14904