Geosyntec consultants

engineers | scientists | innovators

Beech and Bonaparte engineering p.c.

an affiliate of Geosyntec Consultants

SITE CHARACTERIZATION REPORT

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 MN0832B
Document Number MD17133

MAY 2017

Agency Review Draft

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Expedited Soil Cleanup

Former Sperry Remington – North Portion Site

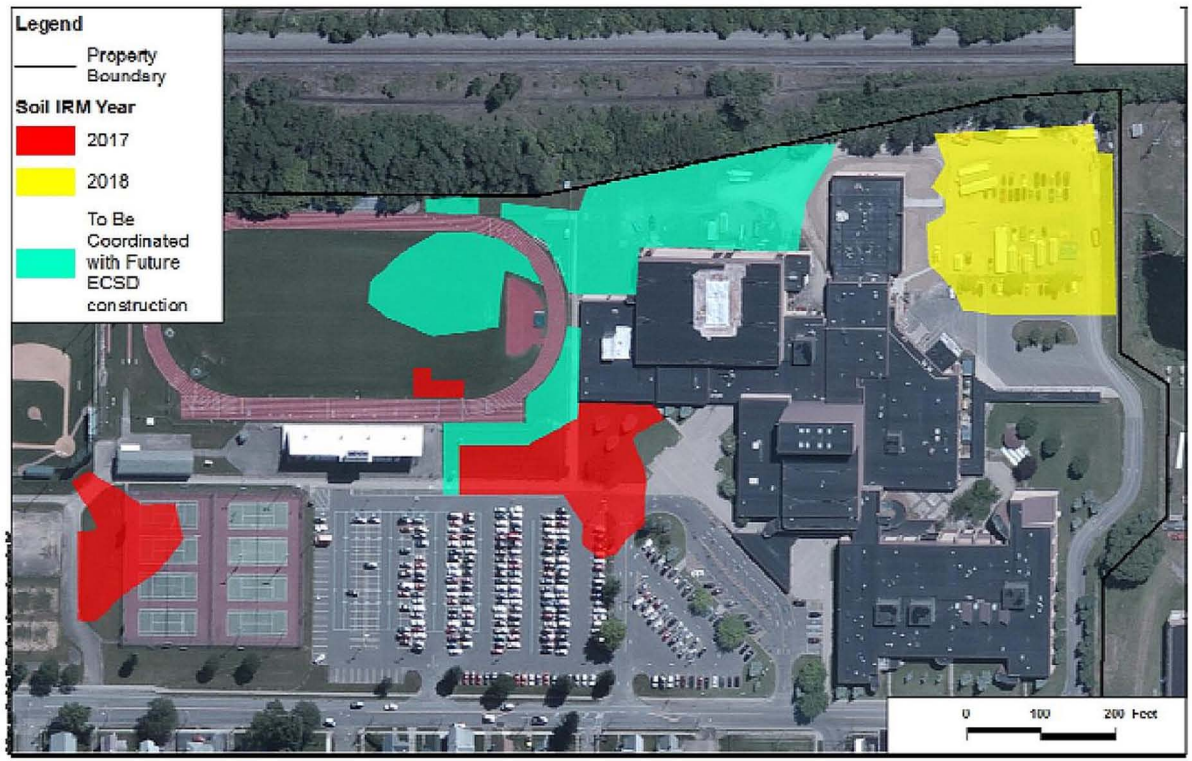
NYS Brownfield Cleanup Program

May 22, 2017

Future Remedial Measures

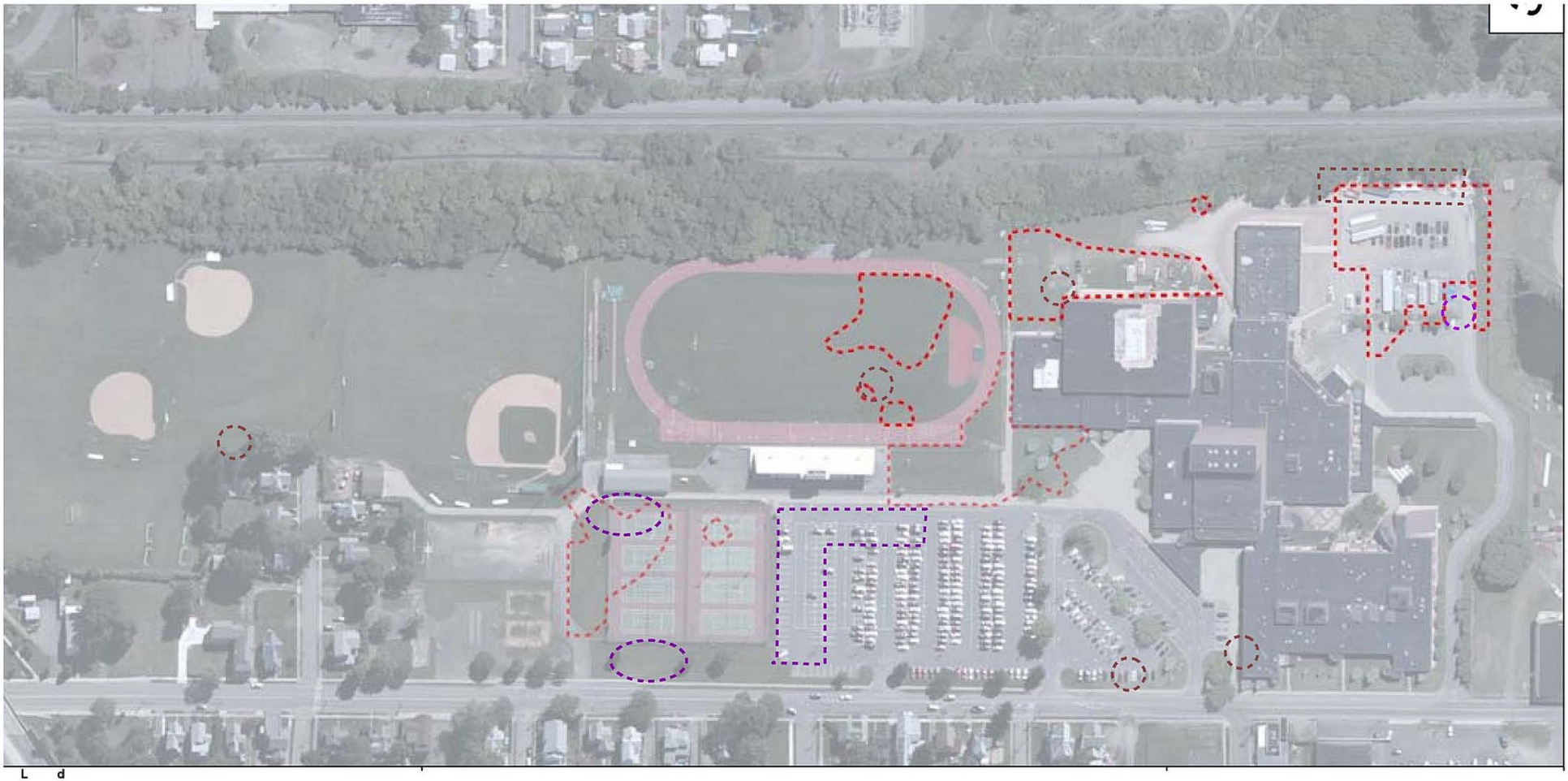
Geosyntec consultants

- Future Remedial Measures – EHS
  - Coordinated with future EHS construction plans to minimize disruption to school activities
    - South Parking Lot – Summer 2018
    - Football Field – Pending EHS construction plans



Extent of COPCs in Shallow Subsurface Soil

Geosyntec consultants



PCB SCO Exceedance
PAH SCO Exceedance
Metals SCO Exceedance

Extent of COPCs in Surface Soil

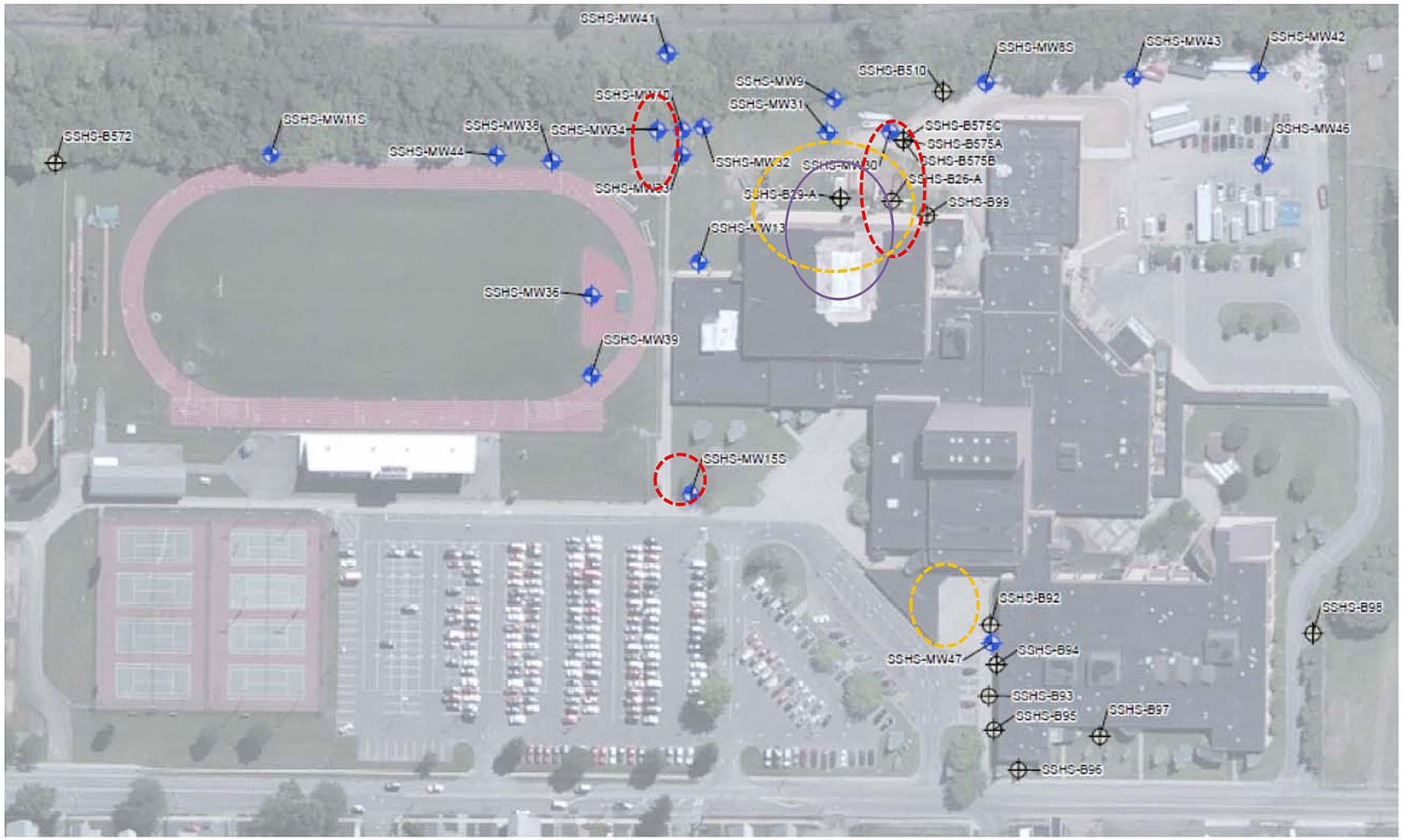
Geosyntec consultants

Legend

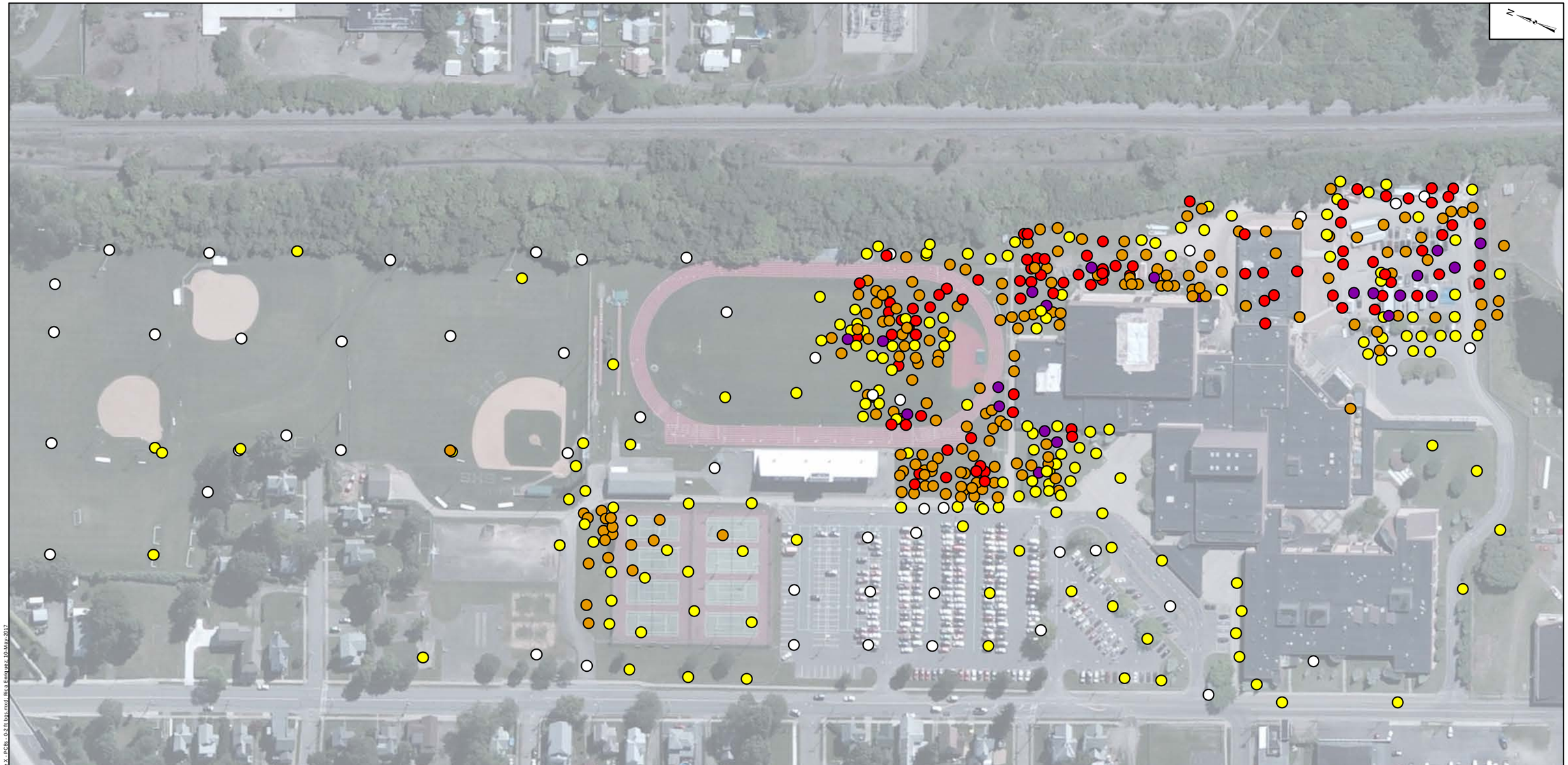
- STRA Temporary Cover
- PCB SCO Exceedance
- PAH SCO Exceedance

Extent of COPCs in Groundwater

Geosyntec consultants



PCB TOGS Exceedance
PAH TOGS Exceedance
VOC TOGS Exceedance



Legend

Total PCB Concentration

- Non-Detect
- >0 to 1 mg/kg
- >1 to 10 mg/kg
- >10 to 50 mg/kg
- >50 mg/kg

Notes
PCB - Polychlorinated Biphenyl
ft bgs - Feet below ground surface
mg/kg - milligram per kilogram

Screening criteria of soil above 2 feet bgs is the Restricted Residential Soil Cleanup Objective of 1 mg/kg (6 NYCRR Part 375)

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 May 2017. Image is dated 2 June 2010.

150 75 0 150 Feet

Extent of PCBs in Soil (0-2 ft bgs)

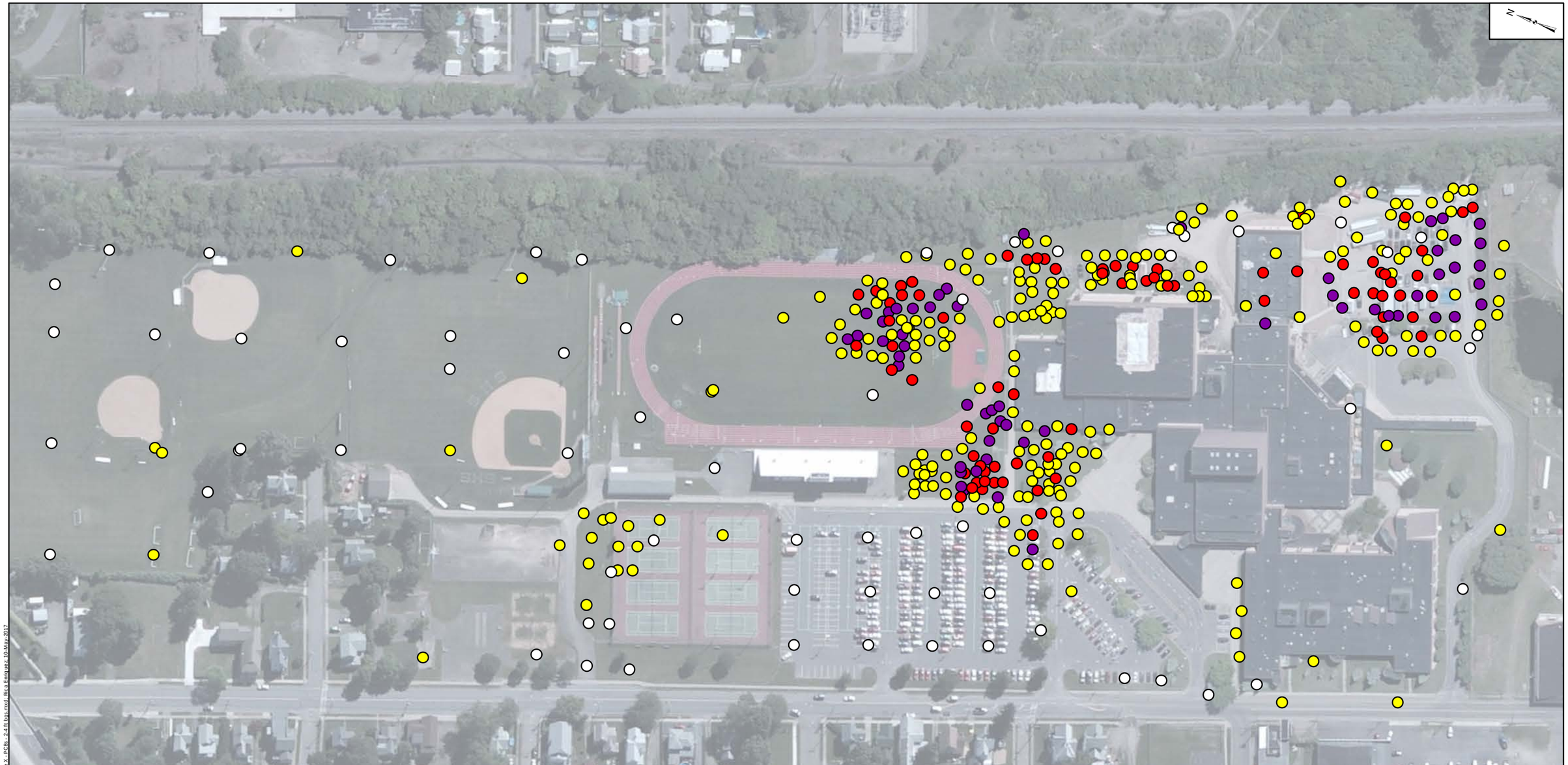
Former Sperry Remington - North Portion #808022
Elmira, New York

Geosyntec consultants

Columbia, Maryland | May 2017

Figure 14

\\minneapolis-01\DATA\GIS\Elmira - MN0822\Maps\NYDEC AOC\1SC Report\Figure X - PCBs - 0-2 ft bgs.mxd; Rica Enriquez; 10-May-2017



Legend

Total PCB Concentration

- Non-Detect
- >0 to 10 mg/kg
- >10 to 50 mg/kg
- >50 mg/kg

Notes
PCB - Polychlorinated Biphenyl
ft bgs - Feet below ground surface
mg/kg - milligram per kilogram

Proposed Cleanup Level – Total PCB concentration of ten (10) mg/kg

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 May 2017. Image is dated 2 June 2010.

150 75 0 150 Feet

Extent of PCBs in Soil (2-4 ft bgs)

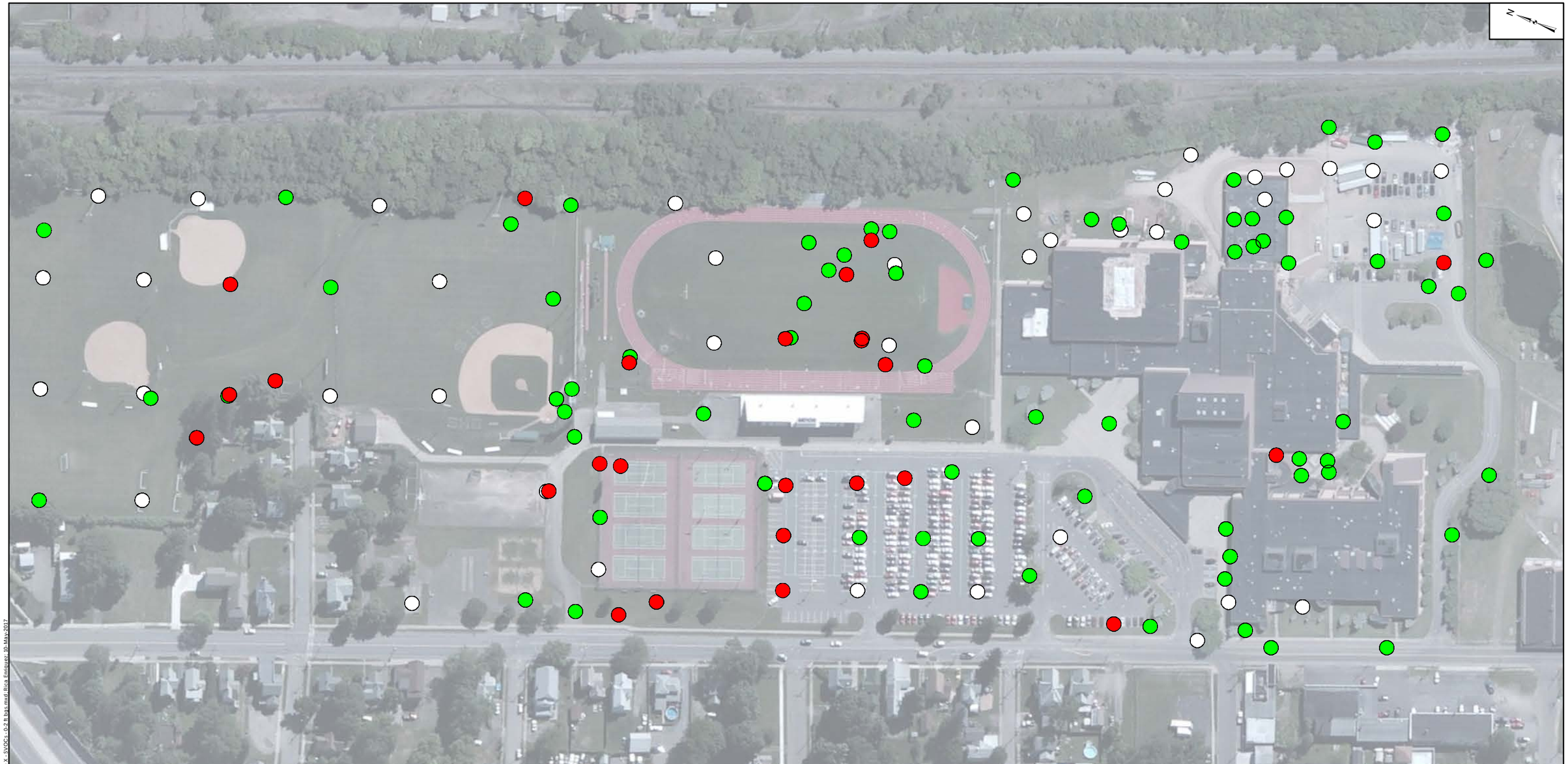
Former Sperry Remington - North Portion #808022
Elmira, New York

Geosyntec consultants

Columbia, Maryland | May 2017

Figure 18

\\minneapolis-01\DATA\GIS\Elmira - MN0822\Maps\NYDEC AOC\1SC Report\Figure X - PCBs - 2-4 ft bgs.mxd; Rica Enriquez; 10-May-2017



Legend

SVOC Concentration in Soil

- Exceeds SCO
- Detected, does not exceed SCO
- Not Detected

Notes
ft bgs - Feet below ground surface
SCO - Soil Cleanup Objective
SVOCs - Semivolatile organic compounds

Screening criteria of soil within Elmira High School Property is the Restricted Residential Soil Cleanup Objective. Screening criteria of soil within the Former Scott Technologies Site is the Industriall Soil Cleanup Objective. (6 NYCRR Part 375)

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 May 2017. Image is dated 2 June 2010.

150 75 0 150 Feet

Extent of SVOCs in Soil (0-2 ft bgs)

Former Sperry Remington - North Portion #808022
Elmira, New York

Geosyntec consultants

Columbia, Maryland | May 2017

Figure **15**

\\minneapolis01\DATA\GIS\Elmira - MN0832\Maps\NYDEC AOCs\SC Report\Figure X - SVOCs - 0-2 ft bgs.mxd; Rica Enriquez; 10-May-2017

Twenty (20) shallow subsurface soil samples had total PCB concentrations above the Restricted Residential SCO of one (1) mg/kg as shown on **Figure 14** with detection ranging from 1.01 to 4.46 mg/kg.

SVOCs including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(a)pyrene, chrysene, dibenz (a,h)anthracene and indeno(1,2,3-c,d)pyrene were detected above Restricted Residential SCOs in five (5) shallow subsurface soil samples as shown on **Figure 15**. The range of PAH detections above Restricted Residential SCOs as presented in **Table 9B** included:

- Benzo(a)anthracene: three (3) detection above the Restricted Residential SCO of one (1) mg/kg with detections ranging from 2.8 to 9.3 mg/kg;
- Benzo(a)pyrene: three (3) detection above the Restricted Residential SCO of one (1) mg/kg with detections ranging from 2.4 to 8.1 mg/kg;
- Benzo(b)fluoranthene: four (4) detection above the Restricted Residential SCO of one (1) mg/kg with detections ranging from 1.1 to 9.9 mg/kg;
- Chrysene: two (2) detections above the Restricted Residential SCO of 3.9 mg/kg with detections ranging from 4 to 7.3 mg/kg;
- Dibenz(a,h)anthracene: two (2) detection above the Restricted Residential SCO of 0.33 mg/kg with detections ranging from 0.38 to 1.4 mg/kg; and
- Indeno(1,2,3-c,d)pyrene: four (4) detection above the Restricted Residential SCO of 0.5 mg/kg with detections ranging from 0.58 to 5.8 mg/kg.

Maximum detections of PAHs were at soil boring SSHS-B405 located in the grassy area west of the tennis courts. Constituents included in the VOC, pesticide, and metals, analyte suites were not detected above Restricted Residential SCOs in the tennis court area as shown on **Table 9B**.

Football Field

One hundred and thirty-seven (137) shallow subsurface soil samples were collected in and around the Football Field, ninety-four (94) collected inside the running track, two (2) in north of the track, eighteen (18) southeast of the track, and twenty-three (23) southwest of the track. Detected Aroclors included Aroclor 1248, Aroclor 1254, and Aroclor 1260. Total PCB concentrations in shallow subsurface soils exceed the Restricted Residential SCO of one (1) mg/kg and TSCA screening criteria of fifty (50) mg/kg as shown on **Figure 14**:

- Seventy (70) shallow subsurface soil samples from inside the running track exceeded the Restricted Residential SCO including three (3) samples that exceeded TSCA screening criteria;

- Eleven (11) shallow subsurface soil samples from southeast of the running track exceeded the Restricted Residential SCO but no samples exceeded TSCA screening criteria;
- Fourteen (14) shallow subsurface soil samples from southwest of the running track exceeded the Restricted Residential SCO including two (2) samples that exceeded TSCA screening criteria; and
- Shallow subsurface soil samples collected north of the running track did not exceed the Restricted Residential SCO or TSCA screening criteria.

The maximum concentration of total PCBs detected in shallow subsurface soils was approximately one-hundred thirty-four (134) mg/kg from zero to two (0-2) ft bgs at boring SSHS-B439. PCB exceedances are limited to the southern portion of the Football Field and are delineated vertically and horizontally to the north and southeast. Exceedance southwest of the running track are contiguous with exceedances south of the athletic stands.

Shallow subsurface soil samples had detections of SVOCs above Restricted Residential SCOs as shown in **Figure 15**. Eight (8) samples exceeded Restricted Residential SCOs for SVOCs as shown on **Figure 15.** As shown on **Table 9B**, six (6) of those samples with exceedances were collected during previous investigations by NYSDEC in 2000 (NYSDEC, 2001) and were re-evaluated during Site Characterization:

- PAH exceedances at SSHS-B49 north of the football field collected in 2000 were not confirmed by the sample at SSHS-B449 collected in 2016;
- PAH exceedances at SSHS-FB2 on the inside western edge of the running track were not confirmed by the sample at SSHS-B448 collected in 2016;
- PAH exceedances at SSHS-FB10 on the eastern edge of the running track were not confirmed by the sample at SSHS-B434 collected in 2016;
- PAH exceedances at SSHS-FB1 and in the central portion of the football field were bounded to the north and east by samples collected at SSHS-B410 and SSHS-B424 in 2016; and
- PAH exceedances in two (2) samples at SSHS-FB6 on the inside western edge of the running track were confirmed by the sample collected at SSHS-B450 in 2016. PAH exceedances of SCOs (shown in parentheses) included:
    - benz(a)anthracene (1 mg/kg): 1.1 mg/kg;
    - benzo(a)pyrene (1 mg/kg): 1.1 mg/kg;
    - benzo(b)fluoranthene (1 mg/kg): 1.4 mg/kg; and
    - indeno(1,2,3-c,d)pyrene (0.5 mg/kg): 0.87 mg/kg.

Shallow subsurface soil samples had detections of metals above Restricted Residential SCOs as shown in **Figure 17**. As shown on **Table 9B**, two (2) shallow subsurface soil samples collected in 2000 exceeded Restricted Residential SCOs for metals and were re-evaluated during Site Characterization:

- SCO exceedance for mercury at SSHS-B6 (1-3 ft bgs) north of the athletic stands was not confirmed by the sample at SSHS-B447 collected in 2016; and
- SCO exceedance for chromium at SSHS-FB1 in the central portion of the football field were bounded to the north and east by samples collected at SSHS-B410 and SSHS-B424 in 2016.

Shallow subsurface soil samples in the vicinity of soil boring SSHS-FB5 in the northeast portion of the football field shown on **Figure 4** were analyzed for VOCs to evaluate historic detections above Restricted Residential SCOs in deeper soils. As shown on **Figure 16**, detections of VOCs in shallow subsurface soils in the football field did not exceed Restricted Residential SCOs. Analyses for pesticides in shallow subsurface soils also did not show exceedances for Restricted Residential SCOs as shown on **Table 9B.**

Athletic Fields

Five (5) shallow subsurface soil samples were collected between 2014 and present in the athletic fields northwest of the tennis courts to evaluate COPCs concentrations in the vicinity of former dry wells as well as confirm historical SCO exceedances in soil above two (2) feet bgs. The boring locations are depicted on **Figure 4**.

One (1) shallow subsurface soil sample at SSHS-B40 from previous investigations had total PCB concentrations above the Restricted Residential SCO as shown on **Figure 14**. That exceedance was not confirmed by the shallow subsurface soil sample at SSHS-B40-A in 2016.

Five (5) shallow subsurface soil samples had PAH concentrations that exceeded Restricted Residential SCs as shown on **Figure 15**. As shown on **Table 9B**, four (4) of those samples were collected during previous investigations. The sample at SSHS-B42-A was collected in 2014 to verify Restricted Residential SCO exceedances for metals. The range of PAH detections above Restricted Residential SCOs as presented in **Table 9B** included:

- Benzo(a)anthracene: four (4) detections above the Restricted Residential SCO of one (1) mg/kg with detections ranging from 1.1 to 4.4 mg/kg;
- Benzo(a)pyrene: four (4) detections above the Restricted Residential SCO of one (1) mg/kg with detections ranging from 1.2 to 5.4 mg/kg;
- Benzo(b)fluoranthene: four (4) detections above the Restricted Residential SCO of one (1) mg/kg with detections ranging from 1.2 to 5.2 mg/kg;

- Chrysene: two (2) detections above the Restricted Residential SCO of 3.9 mg/kg with detections ranging from 4.2 to 5.1 mg/kg;
- Dibenz(a,h)anthracene: two (2) detection above the Restricted Residential SCO of 0.33 mg/kg with detections ranging from 0.41 to 0.97 mg/kg; and
- Indeno(1,2,3-c,d)pyrene: four (4) detections above the Restricted Residential SCO of 0.5 mg/kg with detections ranging from 0.65 to 4 mg/kg.

Shallow subsurface soil samples in the athletic fields had detections of metals above Restricted Residential SCOs as shown in **Figure 17**. As shown on **Table 9B**, four (4) shallow subsurface soil samples collected in 2000 exceeded Restricted Residential SCOs for metals and were re-evaluated during Site Characterization:

- SCO exceedances for lead, arsenic, copper and nickel at SSHS-B42 (0.5 to 2.5 ft bgs) in the softball fields were not confirmed by the sample at SSHS-B42-A collected in 2014;
- SCO exceedances for lead at SSHS-B43 (0.5 to 2.5 ft bgs) in the softball fields were not confirmed by the sample at SSHS-B43-A collected in 2014;
- SCO exceedance for mercury at SSHS-B11 (1 to 3 ft bgs) in the southeast corner of the athletic fields was not confirmed by the sample at SSHS-B570 collected in 2016; and
- SCO exceedance for mercury at SSHS-B39 (0.5 to 2.5 ft bgs) near home plate on the baseball field was not confirmed by the sample as SSHS-B571 collected in 2016.

As shown on **Figure 16**, detections of VOCs in shallow subsurface soils in the football field did not exceed Restricted Residential SCOs. Analyses for pesticides in shallow subsurface soils also did not show exceedances for Restricted Residential SCOs as shown on **Table 9B.**

There were no detections above Restricted Residential SCO of COPCs in shallow subsurface soil at SSHS-B572 in the southeast corner of the athletic fields in the vicinity of a historic drywell.

Gymnasium – East Side

Eighty-four (84) shallow subsurface soil samples were collected between 2014 and the present on the eastern side of the EHS gymnasium. Those samples were located in the vicinity of the former earthen waste pits (AOC-4) that were located historically under, and to the east of, the gymnasium as shown on **Figure 3.**

Eighty-four (89) shallow subsurface samples detected Aroclors, including Aroclor 1248, Aroclor 1254, and Aroclor 1260. Seventy-two (72) shallow subsurface soil samples had total PCB concentrations above the Restricted Residential SCO of one (1) mg/kg as shown on **Figure 14**. Among those samples, five (5) samples had total PCB concentrations above the TSCA screening criteria of fifty (50) mg/kg. The maximum detection of total PCBs of 309 mg/kg in shallow

subsurface soils was at soil boring SSHS-B209 located northeast of the gymnasium. Delineation of PCBs is incomplete along the eastern property boundary east of the gymnasium.

As shown on **Figures 15** to **17** and **Table 9B**, constituents included in the VOC, SVOC, metals and pesticide analytical suites were not detected above Restricted Residential SCOs in shallow subsurface soils east of the gymnasium.

Rear Parking Lot

One-hundred six (106) shallow subsurface soil samples were collected between 2014 and present in the Rear Parking Lot. Most borings were installed through the asphalt covered parking lot, with some samples collected in grassy adjacent areas.

Detected Aroclors included Aroclor 1248, Aroclors 1254, and Aroclor 1260. Sixty-six (66) shallow subsurface soil samples had total PCB concentrations above the Restricted Residential SCO of one (1) mg/kg as shown on **Figure 14**. Among those samples, twelve (12) samples had total PCB concentrations above the TSCA screening criteria of fifty (50) mg/kg. The maximum detection of total PCBs of 372 mg/kg in shallow subsurface soils was at soil boring SSHS-B520. Delineation of PCBs is incomplete to the west toward the K-Wing.

Eight (8) shallow subsurface soil samples had detections of metals above Restricted Residential SCOs as shown on **Figure 17**. Exceedances of Restricted Residential SCOs for metals in shallow subsurface soils in the Rear Parking Lot are located along the eastern edge and near catch basin CB-07. Metals detected above Restricted Residential SCOs in shallow subsurface soil samples included arsenic, barium, copper, lead, and nickel. The range of metal detections above Restricted Residential SCOs as presented in **Table 9B** included:

- Arsenic: seven (7) detections above the Restricted Residential SCO of sixteen (16) mg/kg with detections ranging from five (5) to sixty-three (63) mg/kg;
- Copper: five (5) detections above the Restricted Residential SCO of two hundred seventy (270) mg/kg with detected concentrations ranging from nineteen (19) to 2300 mg/kg;
- Lead: three (3) detections above the Restricted Residential SCO of four hundred (400) mg/kg with detected concentrations ranging from 7.2 to 3940 mg/kg;
- Nickel: two (2) detections above the Restricted Residential SCO of three hundred ten (310) mg/kg in samples with detected concentrations ranging from thirteen (13) to 870 mg/kg.

Exceedances of Restricted Residential SCOs for metals in the shallow subsurface in the Rear Parking Lot correspond with very dark gray/black material encountered over much of the area.

As shown on **Figure 15**, PAHs were detected in shallow subsurface soils above Restricted Residential SCOs in one (1) sample. SSHS-B69 had a detection of indeno(1,2,3-c,d)pyrene 0.6

PCBs

A total of one-hundred and six (106) surface soil samples were analyzed for PCBs, as depicted in **Figure 10**. Analytical results are summarized in **Table 8A**. Samples with a total PCB exceedance above the Restricted Residential SCO of one (1) mg/kg for PCBs are summarized by area below, detected results ranged from 1.026 to 10.4 mg/kg.

- Within the A-Wing Area, SSHS-B15-B, located approximately sixty (60) feet north of the northeastern corner of the EHS building, slightly exceeded the Restricted Residential SCO with a total PCB concentration of 1.02 mg/kg;
- Within the East of Gymnasium Area, six (6) exceedances were recorded (1.04 to 2.79 mg/kg total PCBs). Four of the six exceedances (SSHS-B731, SSHS-B601, SSHS-B602 and SSHS- B603) are clustered along the eastern property boundary. The remaining two exceedances are adjacent to the eastern edge of the Gymnasium;
- Within the Football Field Area, twelve (12) locations in the football field exceeded the Restricted Residential SCO (1.3 to 10.4 mg/kg total PCBs). These exceedances are limited to an approximately 8,000 square foot area in the southwest portion of the football field and high jump pit area;
- Within the Rear Parking Lot Area, four (4) exceedances ranging from 3.35 to 6.15 mg/kg total PCBs were recorded. These exceedances were limited to the drainage swale adjacent to the Southern Tier Commerce Center (Former Scott Technologies Site); and
- Two samples in the South of the Athletic Stands Area exceeded the Restricted Residential SCO (2.25 and 4.3 mg/kg total PCBs). One location, SSHS-B624, is directly west of the area of surface soil exceedances in the Football Field. The other, SSHS-SS12-B is bound by the Main Parking Lot to the west, and three non-exceedance surface soil samples to the north, south, and east.

Surface samples collected from locations in the Athletic Field, Cafeteria, F-Wing, Main Parking Lot, and Tennis Courts did not exceed the Restricted Residential SCO for PCBs.

SVOCs

A total of twenty-five (25) surface soil samples were analyzed for SVOCs, as depicted in **Figure 11**. Analytical results are summarized in **Table 8B**. Samples with at least one SVOC exceedance above their respective Restricted Residential SCOs are summarized by area below.

- Polycyclic aromatic hydrocarbons (PAHs) that included benzo(a)fluoranthene and indeno(1,2,3-c,d)pyrene were detected above their respective SCOs (see **Table 2A)** at SSHS-B47A in the athletic fields with concentrations of 1.1 and 0.7 mg/kg, respectively. Those results are similar to the previous sample SSHS-B47 results;

PAH exceedances for samples collected from sample intervals directly below asphalt cover may be related to the asphalt cover.

Constituents included in the PCB, VOC, metals and pesticide analytical suites were not detected above SCOs.

West of A-Wing

Forty (40) shallow subsurface soil samples were collected west of the A-Wing between 2014 and present. Twenty (20) shallow subsurface soil samples had total PCB concentrations above the Restricted Residential SCO of one (1) mg/kg as shown on **Figure 14**. Among those samples, three (3) samples had total PCB concentrations above the TSCA screening criteria of fifty (50) mg/kg. The maximum detection of total PCBs of 2,279 mg/kg in shallow subsurface soils was at soil boring SSHS-B467 located adjacent to the A-Wing.

Previous analyses of shallow subsurface soil samples collected west of the A-Wing had no exceedances of Restricted Residential SCOs for SVOCs, VOCs, pesticides or metals as shown on **Table 9B**.

Temporary cover was installed over vegetated area west of the A-Wing as part of the STRA conducted in 2015 described in Section 3.2.

South of Athletic Stands

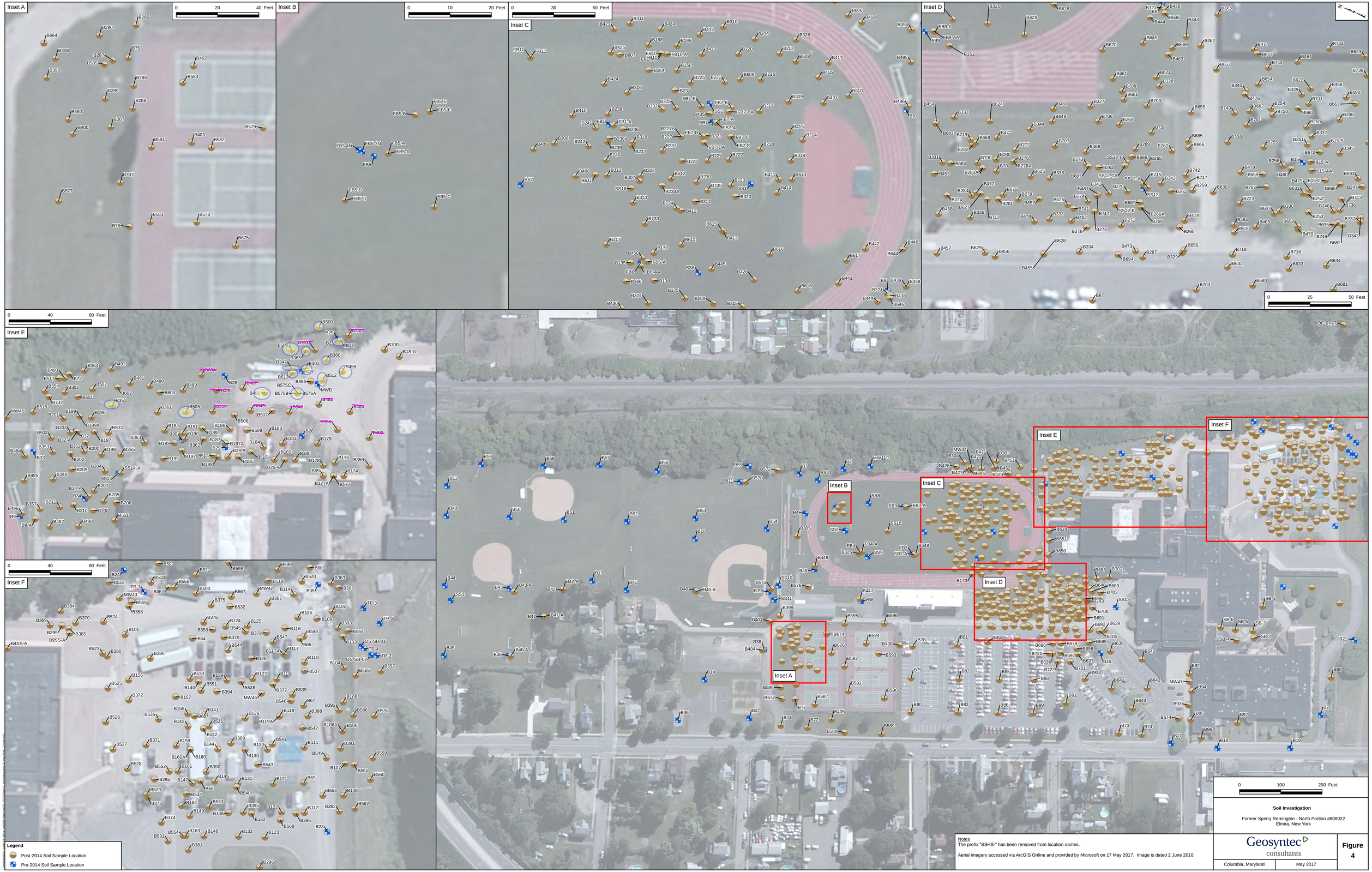
Fifty (50) shallow subsurface soil samples were collected from the vegetated area south of the Athletic Stands between 2014 and present. Much of the area is fenced to the east, west and south. There is a vegetated strip between the southern fence line and the sidewalk. Forty-eight (48) shallow subsurface soil samples had total PCB concentrations above the Restricted Residential SCO of one (1) mg/kg as shown on **Figure 14** with detection ranging from 1.11 to 37.4 mg/kg.

Analyses of shallow subsurface soil sample from soil boring SSHS-B70 south of the Athletic Stands had no exceedances of Restricted Residential SCOs for SVOCs, VOCs, pesticides or metals as shown on **Table 9B**.

Temporary cover was installed over vegetated strip between the southern fence line and the sidewalk as part of the STRA conducted in 2015 described in Section 3.2.

Tennis Courts

Forty-six (46) soil borings were installed in the tennis court area from 2014 to present. Locations for borings collected in the tennis court area are presented on **Figure 4**. The ground surface in this area included tennis courts (observed to have numerous cracks), side walk concrete, and grassy areas adjacent to the tennis courts.



Notes
The prefix "SSHS-" has been removed from location names.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 17 May 2017. Image is dated 2 June 2010.

Soil Investigation

Former Sperry Remington - North Portion #808022
Elmira, New York

Geosyntec consultants

Columbia, Maryland | May 2017

Figure 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**										
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

				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

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**																				
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 2B
GROUNDWATER CONSTITUENTS OF POTENTIAL CONCERN

Former Sperry Remington Site - North Portion
Elmira, New York

Analytical Group	Constituent Name	TOGS 1.1.1	SSHS-B23		SSHS-SB1		SSHS-MW7		SSHS-MW8S		SSHS-MW9		SSHS-MW11S		SSHS-MW11D	
			Result	Date	Result	Date	Result	Date	Result	Date	Result	Date	Result	Date	Result	Date
VOC	1,1,1-trichloroethane	5	NA		5 U	4/28/2003	ND	12/28/2005	**0.55**	7/12/2007	5 U	5/20/2003	5 U	5/20/2003	5 U	9/24/2006
	Acetone	50	NA		20000 U	4/28/2003	ND	12/28/2005	ND	7/12/2007	20000 U	5/20/2003	20000 U	5/20/2003	20000 U	9/24/2006
	cis-1,2-dichloroethene	5	**1 J**	5/9/2000	5 U	4/28/2003	ND	12/28/2005	**470**	7/12/2007	5 U	5/20/2003	5 U	5/20/2003	5 U	9/24/2006
	Freon 113	5	NA		**30 J**	4/28/2003	ND	12/28/2005	**670**	7/12/2007	**5.4**	5/20/2003	5 U	5/20/2003	5 U	9/24/2006
	Tetrachloroethene	5	NA		5 U	4/28/2003	ND	12/28/2005	**4.2**	7/12/2007	5 U	5/20/2003	5 U	5/20/2003	5 U	9/24/2006
	Trichloroethene	5	**2 J**	5/9/2000	5 U	4/28/2003	ND	12/28/2005	**5.8**	7/12/2007	5 U	5/20/2003	5 U	5/20/2003	5 U	9/24/2006
	Vinyl chloride	2	NA		1 U	4/28/2003	ND	12/28/2005	ND	7/12/2007	1 U	5/20/2003	1 U	5/20/2003	1 U	9/24/2006
PCB	Total PCBs	0.09	NA		NA		NA		NA		NA		NA		NA	
Metal	Lead	50	**181**	5/9/2000	NA		NA		NA		NA		NA		NA	
SVOC	Benz(a)anthracene	0.002	NA		NA		NA		NA		NA		NA		NA	
	Chrysene	0.002	NA		NA		NA		NA		NA		NA		NA	

Analytical Group	Constituent Name	Action Level*	SSHS-MW12		SSHS-MW15D		SSHS-MW15S		SSHS-MW30		SSHS-MW31		SSHS-MW32		SSHS-MWD	
			Result	Date	Result	Date	Result	Date	Result	Date	Result	Date	Result	Date	Result	Date
VOC	1,1,1-trichloroethane	5	ND	7/12/2007	5 U	9/24/2006	5 U	5/20/2003	**6**	7/12/2007	5 U	5/20/2003	ND	4/2/2002	ND	7/12/2007
	Acetone	50	ND	7/12/2007	20000 U	9/24/2006	20000 U	5/20/2003	ND	7/12/2007	20000 U	5/20/2003	ND	4/2/2002	ND	7/12/2007
	cis-1,2-dichloroethene	5	ND	7/12/2007	5 U	9/24/2006	5 U	5/20/2003	**550**	7/12/2007	5 U	5/20/2003	ND	4/2/2002	**1**	7/12/2007
	Freon 113	5	**6.1**	7/12/2007	5 U	9/24/2006	5 U	5/20/2003	**2100**	7/12/2007	5 U	5/20/2003	ND	4/2/2002	**2.3**	7/12/2007
	Tetrachloroethene	5	ND	7/12/2007	5 U	9/24/2006	5 U	5/20/2003	**51**	7/12/2007	5 U	5/20/2003	ND	4/2/2002	ND	7/12/2007
	Trichloroethene	5	**0.96**	7/12/2007	5 U	9/24/2006	5 U	5/20/2003	**61**	7/12/2007	5 U	5/20/2003	ND	4/2/2002	**0.53**	7/12/2007
	Vinyl chloride	2	ND	7/12/2007	1 U	9/24/2006	1 U	5/20/2003	**0.87**	7/12/2007	1 U	5/20/2003	ND	4/2/2002	ND	7/12/2007
PCB	Total PCBs	0.09	NA		NA		NA		NA		NA		**2.5**	3/26/2008	NA	
Metal	Lead	50	NA		NA		NA		NA		NA		NA		NA	
SVOC	Benz(a)anthracene	0.002	**1.2 J**	5/17/2000	NA		NA		NA		NA		NA		NA	
	Chrysene	0.002	**2.8 J**	5/17/2000	NA		NA		NA		NA		NA		NA	

Analytical Group	Constituent Name	Action Level*	SSHS-MW41	
			Result	Date
VOC	1,1,1-trichloroethane	5	**3**	3/26/2008
	Acetone	50	**10000**	3/26/2008
	cis-1,2-dichloroethene	5	**3**	3/26/2008
	Freon 113	5	NA	
	Tetrachloroethene	5	**3**	3/26/2008
	Trichloroethene	5	**3**	3/26/2008
	Vinyl chloride	2	**2**	3/26/2008
PCB	Total PCBs	0.09	**120**	3/26/2008
Metal	Lead	50	NA	
SVOC	Benz(a)anthracene	0.002	NA	
	Chrysene	0.002	NA	

Notes:
All values are in micrograms per litre (µg/L)
Detected or estimated results are shown in **bold.**
Detected or estimated results above TOGS 1.1.1 are shown in **bold** and shaded.
PCB - Polychlorinated biphenyl
VOC - Volatile organic compound
SVOC - Semi-volatile organic compound
NA - No analysis
ND - Not Detected
TOGS 1.1.1 - Technical Operational Guidance Series 1.1.1 (NYSDEC, 1998).
NYSDEC - New York State Department of Environmental Conservation