

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 8
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Via E-mail

April 30, 2021

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

**Re: Interim Remediation Measure #2 As-Built Drawings
Former Sperry Remington – North Portion Site #c808022
Elmira, Chemung County**

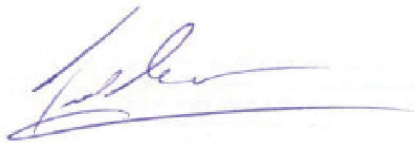
Dear Mr. Krueger:

The New York State Department of Environmental Conservation (NYSDEC), in consultation with New York State Department of Health, has completed its review of the document entitled "Interim Remediation Measure #2 As-Built Drawings", dated February 3, 2021 for the Former Sperry Remington – North Portion Site #808022 and approve contingent upon the following:

1. All future As-Built Drawings for Site #808022 Interim Remedial Measure Construction Completion Reports should be completed in the same format for use in a site wide RI Report, proposed Site Remedy and Site Management Plan documenting all impacts remaining in-place.

Please attach this letter to the front of the CCR for inclusion in the document repository.

Sincerely,



Timothy Schneider, P.E.
Professional Engineer 1

P. Brookner / A. Krasnopoler / E. Tollefsrud
D. Pratt
M. Cruden
S. Bogardus / J. Deming
H. Austin / P. Sylvestri / J. Magliocca



Department of
Environmental
Conservation

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Via E-mail

August 31, 2020

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

**Re: Interim Remedial Measure #2 Construction Completion Report
Former Sperry Remington – North Portion Site #c808022
Elmira, Chemung County**

Dear Mr. Krueger:

The New York State Department of Environmental Conservation (NYSDEC), in consultation with New York State Department of Health, has completed its review of the document entitled "Interim Remedial Measure #2 As-Built Drawings" for the Former Sperry Remington – North Portion Site #808022, identified as Revision 3 – Response to Agency Comments, dated 26 June 2020, and the as-built drawing for the water line relocation project completed in 2019. NYSDEC provides the following comments:

In an electronic communication dated March 26, 2020, Aron Krasnopoler, Ph.D., P.E., GEOSYNTEC, provided Timothy Schneider, P.E., NYSDEC, with revised as-built drawings for IRM #2 and provided information that As-Built Drawings 3 through 9 were revised.

To facilitate the Agency review, the March 26, 2020 NYSDEC comments are presented below, followed by NYSDEC follow-up to information provided in the Unisys' "Draft Final Interim Remedial Measure #2 As-Built Drawings" (shown in bold font).

1. Drawings 3 thru 9 – The green line indicating the design limit of excavation has been removed for clarity.
Response: Item is complete.
2. Drawings 3 thru 9 – Residual COPCs remaining in place are indicated on the plan view in purple and in bold on the accompanying tables.
Response: Item is complete.
3. Drawings 3 thru 9 – COPCs remaining above cleanup goals are indicated on the plan view in orange/gold and in italics on the accompanying tables.
Response: Item is complete.
4. Drawings 3 thru 9 – The presence of a demarcation layer is indicated by the shading of bottom areas.



Department of
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Conservation

Response: Item is complete.

In an electronic communication dated March 27, 2020, Timothy Schneider, P.E., NYSDEC, provided Aron Krasnopoler, Ph.D., P.E., GEOSYNTEC, with additional review comments for the IRM #2 as-built drawings that included the following:

To facilitate the Agency review, the March 27, 2020 NYSDEC comments are presented below, followed by NYSDEC follow-up to information provided in the Unisys' "Draft Final Interim Remedial Measure #2 As-Built Drawings" (shown in bold font).

1. Remove existing surface features in the excavation area.

Response: Item is complete.

2. Remove contours through concrete features.

Response: Item is complete.

3. Residual / remaining contaminant icons need to be more prominent.

Response: Item is complete.

4. As-Built Drawing and Legend be revised such that residual/remaining subgrade contaminant icons be prominently shown and include the following Plan icon color assignments:

- PCB $\geq$ 50 purple,
- PCB $\geq$ 40-49 red,
- PCB $\geq$ 30-39 orange,
- PCB $\geq$ 20-29 light green,
- PCB $\geq$ 10-19 light blue,
- PCB $\geq$ 1-10 yellow (0-2')
- Metals: rule 20 teal, scos gray.

Response: Item is complete.

5. Sort PCB data tables from highest concentration to lowest.

Response: Item is complete.

6. Demarcation: Different hatch pattern for:

- Mesh
- Geotextile
- Concrete slab
- Concrete walls
- o Color hatch by depth and make legend
- o For each depth sheet, leave demarcation hatch on for higher elevations. Leave higher demarcation hatch in background so data icons prominent.

Response: Item appears incomplete. Drawings 3 thru 9 do not appear to have been provided with hatch patterns to depict the items included above at various depths of excavation.

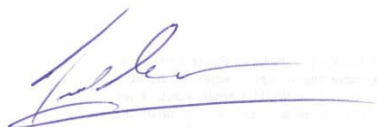
7. Sheet 2 – Cross hatch not defined.

Response: Item is complete.

8. Sheet 4 – Non bottom samples shown within demarcation hatch – please explain
Response: Item is complete.
9. Sheet 5 – B520 colored on plan but not in table.
Response: Item is complete.
10. Sheet 6 – P2 shown as uncolored bottom sample on interval table at 108 ppm.
Response: Item is complete.
11. Sheet 7 – “Cloud Line” is not necessary to id slabs – see above to define based on depth.
Response: Item is not complete: “Cloud Line” continue to id slabs.
12. Sheet 8 - B542 colored on plan/not in table. What is the line connecting B973, B977, B981, B993. NYSDEC is confused between BSW-001 plan / BSW-011 table.
Response: Item is complete.
13. Sheet 10 – NYSDEC can't figure out the purpose of this sheet.
Response: Item is complete.
14. Need an as-built sheet of the restoration identifying any change of final grade as that may have impacts to use of this information for site management purposes.
Response: Item is complete.

Please provide comments to the responses or revise the subject documents as soon as possible within 30 days. If you have questions, feel free to contact me at (585) 226-5480 or set up a conference call to discuss.

Sincerely,



Timothy Schneider, P.E.
Professional Engineer 1

P. Brookner / A. Krasnopoler / E. Tollefsrud
D. Pratt
M. Cruden
S. Bogardus / J. Deming
H. Austin / P. Sylvestri / J. Magliocca

CONSTRUCTION COMPLETION REPORT INTERIM REMEDIAL MEASURE #2

**FORMER SPERRY REMINGTON SITE – NORTH
PORTION
777 SOUTH MAIN STREET
CITY OF ELMIRA, CHEMUNG COUNTY, NY
NYSDEC PROJECT C808022**

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 MN0832D

Document Number MD18243

March 2019

Former Sperry Remington Site – North Portion

City of Elmira

CHEMUNG COUNTY, NEW YORK

IRM #2 Construction Completion Report

NYSDEC Site Number: C808022

Prepared for:

Unisys Corporate Environmental Affairs

3199 Pilot Knob Road

MS F1B05

Eagan, MN 55121

Prepared by:

Geosyntec Consultants, Inc. and Its Affiliate
Beech and Bonaparte Engineering, PC
10211 Wincopin Circle, 4th Floor
Columbia, Maryland 21044

MARCH 2019

CERTIFICATIONS

I, Aron Krasnopoler am currently a registered professional engineer licensed by the State of New York, I had primary direct responsibility for implementation of the remedial program activities, and I certify that the Interim Remedial Measures #2 Work Plan was implemented and that all construction activities were completed in substantial conformance with the Department-approved Interim Remedial Measures #2 Work Plan.

I certify that all documents generated in support of this report have been submitted in accordance with the DER's electronic submission protocols and have been accepted by the Department.

I certify that all data generated in support of this report have been submitted in accordance with the Department's electronic data deliverable and have been accepted by the Department.

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Aron Krasnopoler of Beech and Bonaparte Engineering, P.C., of 10211 Wincopin Circle, 4th floor, Columbia Maryland 21044 am certifying as the Remedial Party's Designated Site Representative for the site.

Aron Krasnopoler

3/18/2019



NYS Professional Engineer #089954-1

Date

Signature



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LIST OF ACRONYMS

Acronym	Definition
µg/L	micrograms per liter
µg/m ³	micrograms per cubic meter
BCA	Brownfield Cleanup Agreement
BCP	Brownfields Cleanup Program
bgs	below ground surface
CAMP	Community Air Monitoring Plan
COPC	Contaminant of Potential Concern
CPP	Community Participation Plan
CQA	Construction Quality Assurance
Cu YD	Cubic Yard
E&S	Erosion and Sedimentation
EC(s)	Engineering Controls
ECSD	Elmira City School District
EHS	Elmira High School
ERC	Environmental Recovery Corporation
EWB	Elmira Water Board
ft	Feet
HASP	Health & Safety Plan
IC (s)	Institutional Controls
IRM	Interim Remedial Measure
LOD	Limit of Disturbance
mg/kg	milligrams per kilogram
mph	miles per hour
MSA	Material Staging Area
NYCRR	New York Codes, Rules and Regulations
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYSDOT	New York State Department of Transportation

Acronym	Definition
OSHA	Occupational safety and Health Administration
PCB	Polychlorinated Biphenyl
PDI	Pre-design Investigation
PID	Photo Ionization Detector
PM-10	Particulate Matter that are less than ten (10) micrometers in size
PUF	Poly-Urethane Foam
QAPP	Quality Assurance Project Plan
QEP	Qualified Environmental Professional
RECON	Remedial Construction Services, L.P
RI	Remedial Investigation
RI	Remedial Investigation
SC	Soil Characterization
SCFM	Standard Cubic Feet per Minute
SCO	Soil Cleanup Objective
SDCMP	Soil/Dust Control and Monitoring Plan
SMP	Site Management Plan
SOE	Support of Excavation
SOP(s)	Site Operations Plans
STCC	Southern Tier Commerce Center
SVOC(s)	Semi-volatile organic compounds
SWPPP	Storm-Water Pollution Prevention Plan
TCLP	Toxicity Characteristic Leaching Procedure
TSCA	Toxic Substances Control Act
USEPA	United States Environmental Protection Agency
VOC(s)	Volatile organic compounds

1.0 Background and Site Description

On behalf of Unisys Corporation (Unisys), Geosyntec Consultants, Inc. and its New York affiliate Beech and Bonaparte Engineering, P.C. (collectively Geosyntec) are submitting this Interim Remedial Measure (IRM) #2 Construction Completion Report for the Former Sperry Remington Site – North Portion (Site #c808022) (Site) in Elmira, New York.

On 26 April 2016, Unisys applied to enter the Site into the New York State Department of Environmental Conservation (NYSDEC) Brownfields Cleanup Program (BCP) with the consent of Elmira City School District (ECSD). NYSDEC gave an initial determination that the BCP application is complete on 10 June 2016 and received public comments until 22 July 2016. Unisys entered into a Brownfield Cleanup Agreement (BCA) with the NYSDEC on 23 March 2017, to investigate and remediate the Site located in Elmira, Chemung County, New York. The property will be remediated to restricted residential use and will be used as a high school.

The Site is located at the Elmira High School (EHS) property (formerly known as Southside High School), 777 South Main Street in Elmira, Chemung County, New York **Figure 1**. The Site is identified as Section 99 Block [20-1] and Lot [74.2] and Section 99 Block 16 Lot 1.16 on Chemung County Tax Maps. The Site is situated on an approximately 34-acre area bounded by South Main Street to the west, the Southern Tier Commerce Center (STCC) to the south, the Consolidated Rail Corp. property to the east and vacant land to the north. Miller Pond is located approximately one thousand (1,000) feet to the east (see **Figure 1**). The boundaries of the site are fully described in **Appendix A: Survey Map, Metes and Bounds**.

2.0 Summary of IRM #2

2.1 IRM Objectives

Unisys identified Site soils with concentrations of total polychlorinated biphenyls (PCBs) that exceeded Toxic Substances Control Act (TSCA) limits of fifty (50) milligrams per kilogram (mg/kg) and that may be considered PCB remediation waste. Surface (0 to 0.17 feet (ft) below ground surface (bgs)) and shallow subsurface (0.17 to 2 ft bgs) soils at the Site were identified with concentrations of total PCBs greater than the Restricted Residential Soil Cleanup Objective (SCO) for total PCBs of one (1) mg/kg. A portion of those soils were within or adjacent to the EHS Rear Parking Lot in which ECSD planned capital improvements in Summer 2018 (**Figure 2**). Soil removal was conducted with following cleanup goals:

- Total PCB concentrations less than or equal to one (1) mg/kg in soils at depths less than two (2) ft bgs; and
- Total PCB concentrations less than or equal to ten (10) mg/kg at depths below two (2) feet bgs.

Three (3) groundwater monitoring wells, MW-42, MW-43 and MW-46, were installed in the vicinity of the EHS Rear Parking Lot as part of Site Characterization activities (see **Figure 2**). Monitoring wells MW-42 and MW-43 were sampled in March 2016 and monitoring well MW-46 was sampled in September 2016. PCBs were detected at groundwater at monitoring well MW-42 with a depth to water of approximately ten (10) ft bgs. The filtered groundwater sample had a detected concentration of 0.018 micrograms per liter (µg/L) but PCBs were not detected in the unfiltered sample. PCBs were not detected at groundwater monitoring wells MW-43 and MW-46. Since detected PCB concentrations are below the groundwater quality standard of 0.09 µg/L, it was determined by NYSDEC that the Protection of Ground-water SCO of 3.2 mg/kg did not apply to this IRM.

2.2 Description of IRM #2

The Rear Parking Lot area of the Site was remediated in accordance with the Revised Final IRM #2 Work Plan dated 13 July 2018 and incorporated Amendment #1 dated 3 July 2018, Amendment #2 dated 17 July 2018, and Amendment #3 dated 18 January 2019.

The components of the IRM were as follows:

1. Excavation of soil/fill in and around the EHS rear parking lot with detections of exceeding the IRM #2 objectives presented in Section 2.1;
2. Management of excavated soils for transport and off-Site disposal as hazardous or non-hazardous waste or reuse as fill below the soil cover system:

- o Soils with total PCB concentrations less than or equal to ten (10) mg/kg were considered for potential reuse as backfill below two (2) ft bgs;
 - o Soils with total PCB concentrations greater than ten (10) mg/kg and less than fifty (50) mg/kg were considered non-hazardous waste; and
 - o Soils with total PCB concentrations greater than or equal to fifty (50) mg/kg were considered PCB remediation wastes as defined in 40 CFR §761.3 Toxic Substances Control Act (TSCA) and as hazardous waste containing PCBs as defined in 6 New York Codes, Rules and Regulations (NYCRR) Part 371.4 (e)
3. Backfilling of excavations below a soil cover system with excavated soils approved for reuse or approved imported fill;
 4. Construction and maintenance of a soil cover system to prevent human exposure to remaining contaminated soil/fill remaining at the Site. The soil cover system consists of a demarcation layer and two (2) feet of approved imported fill with asphalt in paved areas and vegetated areas in accordance with ECSD capital improvement plans; and
 5. Off-Site transport and disposal of hazardous and non-hazardous soils.

3.0 Description of Remedial Actions Performed

Remedial activities completed at the Site were conducted in accordance with the NYSDEC-approved Revised Final Interim Remedial Measures #2 Work Plan for the Former Sperry Remington Site - North Portion between June and September 2018. All deviations from the Revised Final Interim Remedial Measures #2 Work Plan and subsequent amendments are noted below.

3.1 Governing Documents

3.1.1 Site Specific Health & Safety Plan (HASP)

All remedial work performed under this Remedial Action was in full compliance with governmental requirements, including Site and worker safety requirements mandated by Federal Occupational Safety and Health Administration (OSHA).

The Health and Safety Plan (HASP) was complied with for all remedial and invasive work performed at the Site.

3.1.2 Quality Assurance Project Plan (QAPP)

The QAPP was included as Appendix C of the Site Characterization Work Plan approved by the NYSDEC. The QAPP describes the specific policies, objectives, organization, functional activities and quality assurance/ quality control activities designed to achieve the project data quality objectives.

3.1.3 Construction Specifications

Construction specifications were included as Appendix E of the Revised Final IRM #2 Work Plan and describe the scope of work and responsibilities of the IRM Contractor and the Engineer of Record during IRM construction. Specifications sections addressed construction quality assurance, construction quality control, temporary facilities and controls, soils, removal and handling of contaminated soils, excavation support, equipment decontamination, and transportation and off-Site disposal.

3.1.4 Storm-Water Pollution Prevention Plan (SWPPP)

The erosion and sediment controls for all remedial construction were performed in conformance with requirements presented in the New York State Guidelines for Urban Erosion and Sediment Control and the site-specific Storm Water Pollution Prevention Plan submitted on 7 June 2018.

3.1.5 Community Air Monitoring Plan (CAMP)

The Soil/Dust Control and Monitoring Plan (SDCMP) was included as Appendix G of the Revised Final IRM #2 Work Plan and incorporated the New York State Department of Health (NYSDOH) Generic CAMP. The SDCMP described requirements for dust control and the CAMP monitoring approach. Ambient air monitoring was conducted on-Site

during IRM activities to monitor potential impacts to the downwind community (potential receptors include the school community, residences, businesses, and workers not directly involved with IRM activities). The air monitoring program included two different types of ambient air quality measurements (1) real-time monitoring using direct reading instruments, and (2) periodic time-integrated sampling using fixed laboratory measurements for PCBs. The time-integrated sampling was used to provide chemical-specific data for the assessment of potential impacts. Real-time air monitoring using direct reading instruments was conducted during soil remediation activities whenever Site soils were disturbed or imported soils were handled on Site.

3.1.5.1 CAMP Monitoring Locations

Air monitoring was conducted around the working areas and at designated upwind and downwind locations that varied as a result of daily prevailing wind patterns. A minimum of one (1) upwind and four (4) downwind locations were used for real-time monitoring. The four (4) downwind locations were equally distributed along the perimeter of the work area. During work activities within twenty (20) feet of potentially exposed populations or occupied structures, continuous monitoring locations were selected based on the nearest potentially exposed individual and the location of ventilation system intakes for nearby structures. In those cases, permanent air monitoring locations were installed near ventilation system intakes. If action levels were exceeded at those locations, then the source of the exceedance was evaluated, and the positioning of upwind and downwind monitoring stations were reassessed. One (1) upwind and two (2) downwind real-time monitoring locations were used for time-integrated sampling for PCBs during excavation of PCB-impacted soils.

3.1.5.2 CAMP Methods

CAMP monitoring included real-time monitoring for particulate matter less than ten (10) micrometers in size (PM-10) using an aerosol monitor (Thermo Andersen DataRAM 4 or equivalent). The equipment was equipped with an audible alarm to indicate action level exceedance. In addition, fugitive dust migration was visually assessed during all work activities. Particulate concentrations were monitored continuously at upwind and downwind perimeters of the work area at temporary particulate monitoring locations. Monitoring equipment can integrate over a period of fifteen (15) minutes (or less) for comparison to airborne particulate action levels. All readings were recorded, and air monitoring records were maintained electronically. Real-time monitoring data were downloaded at the end of the day and attached to the Daily Field Report and sent the NYSDEC and the NYSDOH by noon the following day.

Time-integrated sampling was included in the collection of three (3), eight-hour (8-hr) time-integrated air samples along the perimeter of the Site for laboratory analysis of PCBs.

These time-integrated samples were used for assessing the potential for off-Site exposures. One (1) upwind and two (2) downwind monitoring locations were used for time-integrated sampling. Time integrated samples were collected during work hours from each sampling location using high-volume air samplers for each day of the first week of PCB-impacted soil excavation activities and then weekly thereafter based on the results from the first week of sampling indicated that PCB concentrations which were consistent with background or were below comparison criteria.

Samples for PCBs analyses were collected using Tisch TE-1000 Series High Volume Samplers with Poly-Urethane Foam (PUF). Five-point calibrations were performed on the PUF samplers following mobilization, using certified calibration devices. Samples were collected on a PUF glass cartridge or equivalent prepared by the laboratory. Samples were collected at flow rates of approximately eight (8) standard cubic feet per minute (SCFM) and samplers were powered by electrical outlets from the school. A gasoline powered generator was needed for the operation of one PUF sampler located at the southernmost point of the work zone. This generator was placed approximately one-hundred (100) feet downwind from the PUF sampler to mitigate potential biases for the samples. The inlet of the sampling device was placed at a height of approximately 4.5 ft. Following collection, samples were wrapped in aluminum foil to mitigate light exposure, stored on ice and transported to the laboratory under chain-of-custody protocols for analysis of PCBs by United States Environmental Protection Agency (USEPA) Method TO-4A. The sample hold time for USEPA Method TO-4A is seven (7) days. The samples were analyzed under expedited three-day (3-day) laboratory turnaround times.

3.1.5.3 CAMP Action Levels and Response Measures

Downwind PM-10 particulate levels were compared to the background (upwind perimeter) PM-10 particulate level. If the difference between any downwind level and the background level exceeded one hundred (100) micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) for the fifteen (15) minute averaging period or if airborne dust was visually observed leaving the work area, dust control measures, including increased water spraying, or stopping work were employed. Monitor alarms were set to alert Site personnel if readings reached one hundred (100) micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) and dust control measures were implemented. If, after implementing dust suppression techniques, particulate levels above background (upwind) exceed one hundred fifty (150) $\mu\text{g}/\text{m}^3$, work was suspended, and controls were re-evaluated. Work would resume once dust suppression measures and other controls were successful in reducing downwind particulate levels above background and below one hundred fifty (150) $\mu\text{g}/\text{m}^3$ and visible dust migration was not observed. Also, if extreme wind conditions or other weather conditions made dust control ineffective, remedial actions were suspended.

3.1.6 Contractors Site Operations Plans (SOPs)

The Remediation Engineer reviewed all plans and submittals for this remedial project (i.e. those listed above plus contractor and subcontractor submittals) and confirmed that they followed the Revised Final IRM #2 Work Plan. The Contractor's Technical Execution Plan was submitted to NYSDEC and NYSDOH.

3.1.7 Community Participation Plan

A Community Participation Plan (CPP) was included in the Site Characterization Work Plan dated October 2014 and has been updated for BCP Remedial Investigation (RI) Work Plan. The following community participation activities were undertaken for IRM #2 and related remedial activities at the Site:

- NYSDEC held a public meeting on 2 May 2018 at the Riverview Holiday Inn in Elmira, New York. NYSDEC, NYSDOH and Unisys presented a review of Site history and previous investigations and plans for construction of IRM #2;
- A public availability session was held on 14 June 2018 at Elmira High School, prior to IRM #2 construction. Representatives from NYSDEC, NYSDOH and Geosyntec were present in order to provide information about IRM #2 construction activities and controls to be implemented to protect public health;
- A second public availability session was held on 26 September 2018 after substantial completion of IRM #2 construction. and
- Copies of the NYSDEC fact sheet were kept on the site and provided to site visitors or people seeking information during the construction activities.

3.2 Remedial Program Elements

3.2.1 Contractors and Consultants

Construction activities for IRM #2 were performed by Remedial Construction Services, L.P. (RECON) as the primary IRM contractor with responsibility for all construction activities in accordance with IRM #2 Work Plan, the Construction Drawings and the Construction Specifications. Surveying services were provided by Hunt Engineers, Architects and Surveyors.

Geosyntec provided Construction Quality Assurance (CQA) services and collected chemical samples in accordance with the QAPP. Aron Krasnopoler of Beech and Bonaparte Engineering, P.C., a New York Professional Engineer, served as certifying Engineer of Record responsible for inspection of the work. On-Site and geotechnical laboratory soil testing services were provided by Atlantic Testing Laboratories. Soil sampling analysis and soil chemical characterization data was provided by Test America Laboratories Inc.

3.2.2 Site Preparation

Recon mobilized on 5 June 2018 to begin site preparation in anticipation of NYSDEC notice to proceed. Utility marker layout was completed on 6 June 2018. Temporary fences with privacy screen were installed along the eastern and southern extents of the limit of disturbance (LOD). Modifications were made to the privacy fence surrounding the Material Staging Area (MSA) located on the STCC property to the south. Material previously stockpiled within the MSA following IRM #1 with NYSDEC approval was consolidated to accommodate material to be generated during IRM #2. Silt fence installation began on 14 June 2018 and was completed on 21 June 2018. Prior to completion, straw waddle and hay bales were used as Erosion and Sedimentation (E&S) controls.

A pre-construction meeting was held with NYSDEC and all contractors on 22 June 2018. NYSDEC gave notice to proceed by email following the meeting. Documentation of agency approvals required by the IRM #2 Work Plan is included in **Appendix B**. Other non-agency permits relating to the remediation project are provided in **Appendix C**.

Grubbing, fencing, truck wash layout and preparation for construction and site mobilization began on 8 June 2018 and continued through 28 June 2018. The truck wash construction was completed between 18 June 2018 and 22 June 2018. Asphalt milling of the existing parking lot was completed on 23 June 2018 and asphalt was staged on poly to the north of the K wing for characterization.

3.2.3 General Site Controls

3.2.3.1 Site Security

Site security was maintained by perimeter controls in the form of fences with privacy screens and locks. Equipment was kept behind locked security gates and storage areas for contaminated materials and the work areas had physical barriers to restrict access. Visitors were required to check at the project office upon arrival.

3.2.3.2 Job Site Record Keeping

The following records were maintained on site:

- Daily field reports
- Daily truck logs
- Waste manifests
- Storm water inspection reports
- Tailgate safety meetings
- Instrument calibration records

Copies of the daily field reports are provided in **Appendix D**.

3.2.3.3 Erosion and Sedimentation Controls

Erosion and sediment controls were installed and inspected according to the SWPPP and construction drawings. They included, inlet protection, silt fences, silt socks, truck washes with sump pits and constructed vehicle entrances and exits. Soil stockpiles were covered when not being accessed. Additional details on reducing erosion and sedimentation from soil stockpiles are included in the soil stockpile methods section below (3.2.3.6)

3.2.3.4 Equipment Decontamination and Residual Waste Management

All vehicles and equipment potentially exposed to contaminated material were decontaminated prior to leaving either the LOD or MSA. Automated truck wash units were installed and used at each location. These automated truck wash units were replaced with constructed equipment wash pads as documented in IRM #2 Work Plan Amendment #1 dated 3 July 2018. Each equipment wash pad was lined with a geotextile and liner to capture solids. Visible debris on the equipment was brushed off manually onto the equipment wash pad and plastic liners were used on the edges of the truck to reduce contact with impacted material. High pressure water was used to clean the wheels and base of the equipment leaving site. Each equipment wash pad included a lined sump pit with a sump pump. Water from the wash pad was collected in the sump pit and subsequently pumped into a frac tank for storage pending off-Site transport and disposal on a periodic basis during IRM #2 activities.

Dedicated equipment was used for separate excavation and handling of TSCA and non-TSCA soils. Temporary transit roads were constructed over non-TSCA areas for TSCA equipment to move between TSCA excavation areas and the TSCA accumulation area and vice versa. Temporary transit roads were constructed using geotextile fabric. Composite mats were used during wet conditions and for uneven surfaces.

3.2.3.5 Soil Screening

Results of pre-delineation presented in the Revised Final IRM #2 Work Plan were used to determine the limits of excavation and management of soils as hazardous waste, non-hazardous waste, or potential reuse as backfill. Additional confirmation samples were collected during IRM #2 construction. End-point sampling results are discussed in Section 3.4.

Excavations and soil stockpiles were inspected for visual or olfactory impacts, solid waste, bricks or debris. Soil with visible staining or presence of foreign material or soils which had an odor were segregated and sampled. Disposition of the material was based on the results of soil characterization.

3.2.3.6 Stockpile Methods

All stockpiles were maintained to avoid having steep sides or faces. During periods of extended inactivity or prevailing high wind conditions, stockpiles were covered, and the covers were weighted down with sandbags. Stockpiles were not placed within 25 yards of

occupied buildings.

Excavated soils were stockpiled based on pre-delineation results:

- Soils with total PCBs greater than 50 mg/kg were staged within a TSCA Accumulation Area defined by driven sheet pile walls and concrete blocks walls as shown on **Figure 2**. TSCA material was stored in piles on top of existing TSCA material with the volume of material not exceeding the approximate volume of material that could be transported off-site in one day. Stockpiles were covered at end of work and in the event of anticipated high rainfall. TSCA material was stockpiled within the 0-2 ft bgs excavation on the east side of the rear parking lot during excavation of TSCA material directly below the aforementioned TSCA accumulation area. Prior to staging TSCA material in this area, plastic sheeting and approximately two (2) feet of imported fill were installed in the area to provide separation. After this TSCA material was loaded and transported for off-Site disposal, the underlying imported fill, plastic sheeting and an additional six (6) inches of soil from below the plastic sheeting were excavated and loaded out for off-Site disposal as hazardous waste;
- Soils with total PCBs greater than or equal to 10 mg/kg but less than 50 mg/kg were loaded into haul trucks and stockpiled in a non-hazardous soil pile stockpile located in the MSA. These soils were covered with and weighted down at end of each work day. Stockpiles were segregated from other material using concrete blocks around the base of the stockpile;
- Soils with total PCBs less than 10 mg/kg were staged in windrows within the MSA and sampled for evaluation for potential reuse. Windrows were not to exceed approximately 6 ft in height and were shaped using an excavator. Samples were collected for characterizing each 100 Cu YD section. Analytical results from these samples were submitted to NYSDEC in a request for reuse and once approval was received, windrow soils were moved to a secondary stockpile (High pile) for staging as either reuse material or moved to the Non Haz stockpile for offsite disposal; and
- Excavated soils overlying known areas of TSCA material were stored within the LOD for characterization prior to disposition. Upon receipt of NYSDEC approval, these materials were either transported to the MSA for disposition or directly loaded offsite per the analytical results. Stockpiled material was segregated by placement on and being covered by poly.

Uncontaminated asphalt millings were segregated and stored on plastic and under plastic outside the LOD in area north of the K-Wing.

NYSDEC approved imported clean backfill stockpile was staged on top of poly sheeting and covered with in the STCC area to the south of the LOD. A berm was constructed

around this fill and surrounded with silt socks to prevent potential runoff issues.

3.2.3.7 Vibration Monitoring Program

Ground vibrations resulting from construction activities were monitored and recorded from 21 June 2018 through 26 August 2018. Vibration monitoring was performed by Vibra-Tech Engineers, Inc. as stated in section 02270 of the project specifications.

A building construction survey was performed on 21 June 2018 to assess the pre-construction conditions of the EHS building. This included photographic documentation of all cracks and deficiencies in walls or other support structures immediately surrounding the RPL where construction was to occur.

The monitoring program included an array of three vibration monitoring stations installed along the northern extent of the LOD and parallel to the southern wall of K-wing. Each station consisted of remote seismographs equipped with triaxial geophones which were utilized to monitor ground vibrations during the monitoring period. The monitors were described as VM#1- East, VM#2- Center and VM#3- West. The seismograph locations at the construction site are shown on **Figure 3**.

The seismographs directly measured particle velocity in three mutually perpendicular planes of motion where samples were recorded at a rate of 1,024 samples per second per channel with a dynamic range of up to 10 in/sec. The system was calibrated internally as a whole after each recording in addition to an annual shake table calibration. The seismographs were programmed to monitor and record the highest peak particle velocity at fifteen (15) second intervals and record a three (3) second time history waveform event if the vibration levels reached the trigger level of 0.40 in/sec. Site specific personnel were informed via email and text messages if trigger levels were reached.

3.2.4 Nuisance controls

All vehicles exiting the LOD or MSA had to pass through the truck wash prior to leaving site. Any dirt or dust tracking on roads leading out of site was cleaned up by brushing down and spraying down the roads.

When working on weekends no heavy equipment was operated prior to 0830 to avoid creating noise nuisances

Dust control was carried out by restricting vehicle speeds, and spraying water using fine atomized sprays. A direct spray was also used in order to clean off trucks and equipment or wet down materials depending on wind and soil conditions. Construction excavators were slowly unloaded and drop heights from the loader buckets were minimized. Trucks were staged within the LOD as far as possible. Trucks were not allowed to idle more than five (5) minutes. Vehicle speeds were restricted to no more than ten (10) miles per hour (mph) while onsite. Vehicular traffic was restricted to the haul roads and kept off the main streets to minimize exposure. Vehicle staging areas were restricted to immediately adjacent to the construction areas and not on public roads. All haul trucks were covered

with tarps prior to transporting soil to or from site.

3.2.5 CAMP Results

There were twenty-six (26) days on which action levels were exceeded during the IRM. The dates on which the exceedance(s) took place are listed in **Table 1**.

Dust exceedances on 14-15 June 2018, 30 July 2018 and 6 August 2018 were associated with instrument malfunction or mishandling. Meters were observed to be recording high readings without visible dust surrounding them, had briefly fallen from their position onto the ground or were collected into a closed bag without turning them off. Efforts were implemented to secure the monitors properly which resulted in turning off the monitors before collection to avoid incorrect readings indicating exceedances.

Exceedances on 16 August 2018, 23 August 2018, 24 August 2018 and 29 August 2018 were associated with dust generated by school contractor activities outside the IRM area but adjacent to it. Monitors recording exceedances were on the perimeter between areas of activity of school contractor and IRM Contractor and no visible dust was observed associated with IRM activities. ECSD environmental compliance personnel were notified of the exceedances associated with school contractor activities.

The exceedance on 17 September 2018 was due to a vehicle idling next to the monitor while waiting for decontamination prior to leaving site. This monitor was moved away from truck exhaust and trucks were reminded not to idle while on site.

Exceedances were typically recorded at a single monitoring station as a temporary reading above the action level and measurements were generally not above action levels for extended periods of time as shown on time series graphs included in the daily field reports (**Appendix D**). The general response associated with exceedances was to implement dust control measures. These measures included an increase in water spraying activities and the frequency at which water truck was sent around the site. When an alarm was triggered, the IRM Contractor was advised to slow down equipment movement to reduce dust generation as well.

Copies of all field data sheets relating to the CAMP are provided in electronic format in **Appendix E**. Detections did not exceed the PCB action level of 15 µg/m³. Copies of CAMP analytical results and data validation reports are provided in **Appendix E**.

3.2.6 Vibration Monitoring Program Results

Vibration monitoring during IRM #2 excavation activities noted a total of two (2) exceedances occurring during sheet pile installation. These exceedances occurred on 26 and 27 of June 2018 at VM#3 and had a maximum particle velocity of 0.810 and 0.875 in/sec respectively. Observation of site conditions and evaluation of these data indicate vibration exceedances were due to excavation occurring in the vicinity of the seismograph instruments. Actions to address this issue included communication with the excavation operator and stoppage of work.

A post-construction assessment of the EHS building was conducted by RECON to review the extent, if any, of cracking or other structural deficiencies that may have resulted from construction activities. No cracking or other structural deficiencies associated with IRM#2 construction activities were observed.

3.2.7 Reporting

Daily field reports were generated by the Engineer's representative on site and reviewed prior to submittal to NYSDEC and NYSDOH. Reports included summaries of work progress, inspections carried out, material movement and site visitors. Construction photographs and daily air monitoring reports were also included with reports. Copies of daily field reports are included in electronic format in **Appendix D**.

3.3 Soil Removal

3.3.1 Excavation Details

In coordination with ECSD capital improvement construction, soil removal was conducted at and around the rear parking lot. Excavation was phased as shown on **Figure 4** in order to return control of certain areas to ECSD so that ECSD could meet its construction schedule. Excavations were laid out in two-foot (2-ft) intervals to meet the IRM #2 cleanup objectives. Cleanup goals for total PCBs were as follows: one (1) mg/kg for zero to two (0-2) ft bgs; and ten (10) mg/kg for two (2) ft bgs and greater.

Site Characterization and IRM #2 Pre-design Investigation (PDI) PCB data were used to pre-delineate the limits of excavation and the limits of PCB remediation waste within the excavation. Additional soil was excavated to address the presence of lead at 36,000 mg/kg in the 10-12 ft bgs interval from soil boring SSHS-B542.

Post-excavation confirmation samples were collected when pre-determined excavation limits could not be achieved due to subsurface structures or benching sloping for excavation and utility support. **Appendix F** presents excavation plans for each 2-ft interval and the as-built limit of excavation. The total volume of excavation was 16,050 cubic yards. Contour maps of estimated cut and fill thicknesses for remedial activities at the site are included in **Figure 5**.

Monitoring well MW-46 was located within the excavation and was abandoned in accordance with NYSDEC Policy CP-43 on 18 July 2018. Well abandonment forms are included in **Appendix G**.

3.3.2 Disposal Details

Table 3 provides the total quantities of each category of material removed from the Site and subsequent disposal locations.

Correspondence from Applicants to disposal facility owners and acceptance letters from disposal facility owners are provided in **Appendix H**.

Manifests and bills of lading are included in electronic format in **Appendix I**.

3.3.2.1 Hazardous Waste

Soils identified for disposal as hazardous waste were sampled during the IRM #2 PDI for waste characterization at a frequency of one (1) sample per three hundred (300) cubic yards in accordance with receiving facility requirements. Samples in areas anticipated to be disposed as hazardous waste were analyzed for pH, cyanide, sulfide, flash point, total volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), herbicides and pesticides, and toxicity characteristic leaching procedure (TCLP) metals. Samples for TCLP VOCs, SVOCs, herbicides and pesticides analyses were collected and held for analyses. If the result of a total constituent analysis exceeded twenty times (20x) the toxicity characteristic threshold, the corresponding TCLP sample was released for analysis. A summary of analytical results provided to the disposal facility is provided in **Appendix H**. Sample SSHS-B888-SUB-2-4 was the only sample with results characteristic of hazardous waste, with a TCLP extract result for lead of 7.6 milligrams per Liter (mg/L), above the toxicity characteristic threshold of five (5) mg/L. The extent of TCLP lead in soil is presented in **Figure 6**. This single exceedance of was bounded by TCLP lead results which were below the toxicity threshold. Originally, these lead soils were to be stabilized in situ and re-tested for TCLP lead in accordance with receiving facility requirements prior to excavation. Additional waste characterization sampling of excavated material indicated this material appropriate for off-Site disposal as hazardous waste without stabilization, which was confirmed by the receiving facility. Copies of those analytical results are provided in **Appendix H**.

A total of 12,951.37 tons of hazardous waste was transported for off-Site disposal. This included 12,284.57 tons of hazardous waste containing PCBs shipped to the Wayne Disposal, Inc. Site #2 Landfill in Belleville, Michigan between 26 June 2018 and 29 August 2018 and 666.8 tons of hazardous waste containing PCBs and lead was shipped to the Envirosafe Services of Ohio, Inc. landfill in Oregon, Ohio between 20 August 2018 and 22 August 2018. Hazardous waste transporters were US Bulk Transport Inc (U.S. EPA ID PAD987347515), Page ETC, Inc (U.S. EPA ID NYD986969947). Copies of the hazardous waste manifests are included in electronic format in **Appendix I**.

3.3.2.2 Non-hazardous Waste

Soils identified for disposal as non-hazardous waste were sampled during the IRM #2 PDI for waste characterization at frequency of one (1) sample per three hundred (300) cubic yards in accordance with receiving facility requirements. Samples in areas anticipated to be disposed as non-hazardous waste were analyzed for pH, cyanide, sulfide, flash point, toxicity characteristic leaching procedure (TCLP) volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), herbicides and pesticides, and metals. Waste characterization data were submitted to Casella for waste profile approval prior to IRM construction. Additional samples were collected in the vicinity of soil borings SSHS-B368

and SSHS-B850 at the request of the receiving facility due to detections of total PCBs exceeding 47 mg/kg. Approximately 100 cubic yards was excavated around each location and stockpiled for characterization. For the soils from the vicinity of SSHS-B368, two (2) grab samples were collected for VOC analyses and one (1) composite sample was collected for analyses for PCBs, metals, and SVOCs. Additional analyses for TCLP metals were requested for the composite sample due to a detection of lead of 570 mg/kg. The composite sample had a detection of total PCBs of 13.2 mg/kg and no other characteristics of hazardous waste. For the soils from the vicinity of SSHS-B850, a composite sample was collected and analyzed PCBs, TCLP metals, TCLP SVOCs and TCLP VOCs. The composite sample had a detection of total PCBs of 2.9 mg/kg and no other characteristics of hazardous waste. **Table 5** presents a summary of the results. Soil from these areas were accepted by Casella.

Other soils were originally planned for potential reuse were designated after analytical results indicated that they were not suitable for reuse. Those soils included windrow sections W1S1, W1S3, W2S1 and W3S1, Pile FH and Pile 107. These soils were disposed of as non-hazardous materials. A summary of analytical results is presented in **Table 4**.

A total of 16,506.58 tons of non-hazardous soils were transported to Hyland Landfill in Angelika, New York for off-Site disposal as non-hazardous waste.

3.3.2.3 Contact Water

Contact water generated from the collection of wash water from the equipment wash pads and stormwater that accumulated in excavations was stored in frac tanks maintained for this purpose. Samples to characterize these waters for disposal were collected and analyzed pursuant to receiving facility frequency and parameter requirements prior to shipping off-Site. A summary of analytical results is presented in **Table 5**.

165,096 gallons were shipped for disposal offsite between 31 July 2018 and 28 September 2018. Waste water was sent to Environmental Recovery Corporation (ERC) Facility in Lancaster, Pennsylvania. The transporter for disposal was Tonawanda Tank Transport (U.S. EPA ID NYD097644801).

3.3.2.4 Asphalt Millings

Surface asphalt in the Rear Parking Lot was removed down to one (1) inch above the subbase material and milled on-Site pursuant to NYSDEC approvals. Asphalt millings were staged in an area north of K-Wing pending final disposition. Approximately 400 cubic yards of uncontaminated asphalt millings were transported to Elmira Road Materials between 22 and 23 August 2018 for recycling.

3.3.3 On-Site Reuse

Soils from the IRM #2 excavation with total PCB concentrations below ten (10) mg/kg were segregated for potential reuse as backfill the below the approved soil cover system,

i.e. below two (2) ft bgs. Potential reuse soils were transported and stockpiled at the MSA located on STCC property immediately south of the Site. Soils were placed in windrows for characterization unless soils were known to overlay TSCA material, which were handled as noted in Section 3.2.3.6. Layback soils from outside the limit of excavation were segregated in separate windrows. Soils stockpiled for potential reuse were inspected by the Qualified Environmental Professional (QEP) for visual or olfactory impacts, solid waste, bricks or debris and screened with a photoionization detector (PID) for elevated VOC vapor levels. Soils that exhibited visual or olfactory impacts or that exhibited elevated PID readings were segregated for additional testing at the direction of the QEP prior to re-use as backfill. Stockpiles with observed solid waste or debris were segregated for potential off-Site disposal. Stockpiles with observed bricks, concrete, or other inert materials were evaluated for use in structural backfill.

Windrow sections and stockpiles were characterized for reuse at a maximum frequency of one hundred (100) cubic yard increments. Windrow section samples were analyzed for PCBs, metals, SVOCs, and VOCs in accordance with Table 5.4 (e) 10 of DER-10. Upon receipt and validation of the analytical results, a request for reuse was submitted to NYSDEC for approval. A summary of analytical data for reuse characterization is presented in **Table 6**. Copies of the request to reuse forms and email approvals are included in **Appendix J**.

A total of approximately 8,100 cubic yards of soil approved for reuse was placed as backfill below the soil cover system. That included approximately 2,500 cubic yards of soil excavated during IRM #2 for soil removal or layback and approximately 5,600 cubic yards approved for reuse during IRM #1. The location and thickness of the placed material is shown on **Figure 7**.

3.4 Remedial Performance/Documentation Sampling

End-point sampling to demonstrate that IRM #2 cleanup objectives were achieved and document constituents of potential concern (COPCs) remaining was carried out by combining results from soil characterization activities (pre-delineation) and collecting post-excavation side wall and bottom samples. Pre-delineation sampling of excavation side walls and bottoms was conducted in accordance with Section 5.4 (b) of DER-10:

- one sample from the bottom of each sidewall for every thirty (30) linear feet of sidewall; and
- one sample from the excavation bottom for every nine hundred (900) square feet of bottom area.

In accordance with Amendment #2, excavations were benched and sloped to support excavation below four (4) ft bgs and utilities that were kept in place after sheet pile installation was determined to be infeasible due to subsurface obstructions. Confirmation samples were collected along the sidewall of sloped excavations in those areas to document

PCBs that may remain in place. During excavation, a number of concrete foundations and structures were encountered at depths. In accordance with the Revised Final IRM #2 Work Plan, it was determined that soil removal could not be completed safely and within the timeframe to return the area to ECSD for capital improvements. Confirmation samples were collected from on top of and adjacent to concrete structures left in place. Confirmation samples were analyzed for PCBs in accordance with the Site Characterization Work Plan QAPP. Analytical reports and data validation reports for pre-delineation samples were presented in the Revised Final IRM #2 Work Plan. Analytical reports and data validation reports for post-excavation confirmation samples are presented in **Appendix K** and **Appendix L**, respectively.

A table summarizing end-point sampling results is included in **Table 7**. Maps showing the end-point sample locations with total PCB detections for each 2-ft interval are presented in **Appendix M**. Exceedances of IRM #2 cleanup objectives are highlighted.

3.5 Imported Backfill

Approximately 22,834 tons of New York State Department of Transport (NYSDOT) Item No. 4 was imported for use as backfill and as a base layer for the MSA, loading areas and temporary haul roads. The source of imported fill was Brewer's Pit (NYSDEC Facility ID 8-0734-00150), located in Horseheads, New York. Approximately 189.87 tons of imported topsoil was used to establish vegetative cover. The source of imported topsoil was Breesport Pit (NYSDEC Mine ID 80024), located in Breesport, New York. Samples of material to be imported were analyzed for PCBs, metals, pesticides, SVOCs, and VOCs at the frequency presented in Table 5.4 (e) 10 of DER-10. **Table 8** summarizes analytical data for imported soils in comparison to NYSDEC criteria. Upon receipt and validation of the analytical results, a request for reuse was submitted to NYSDEC for approval. Copies of the request to reuse forms and email approvals are included in **Appendix N**.

Excavations were backfilled with structural fill and compacted to an in-place density of at least 95 percent of Standard Proctor (ASTM D-698) maximum dry density and at a moisture content between -4 and +2 percent of optimum. During excavation and backfilling activities, samples of imported fill were tested for sieve and Standard Proctor analyses. All results were within the approved Construction Specifications provided in the IRM #2 Work Plan (**Appendix O**). In addition, backfill placed was consistent with New York State Department of Transportation Select Granular Fill or Select Structural Fill criteria. During backfilling, nuclear density tests were performed and results indicate that compaction meeting Construction Specifications was achieved (**Appendix P**).

The location, extent and type of imported backfill used at the Site are presented in **Figure 8**.

3.6 Soils Remaining at the Site above SCOs

In accordance with the Revised Final IRM #2 Work Plan, removal of historic subsurface structures was determined to be infeasible within the timeframe to safely complete IRM #2 and return the area to ECSD control to complete capital improvements on schedule. The presence of these subsurface structures resulted in amendment of IRM #2 and the use of benching and sloping in place of sheet pile wall installation. These changes were presented in Amendment #2 and approved by NYSDEC. In addition, the depth of excavation directly adjacent to the EHS building was limited to two (2) ft bgs to protect the building foundation.

Subsurface obstructions encountered during construction included monolithic objects such as concrete piers, blocks, building walls and foundation slabs. The volume of these monolithic objects was not accounted for in the expected volume to be excavated as presented in Amendment #2. An approximation of monolithic object volume within the anticipated excavation was completed as follows: (1) by measuring the areal extent of slab material encountered as provided in the as-built drawings (**Appendix F**) and assuming a two-foot (2-ft) slab thickness; and (2) measuring surveyed dimensions (**Appendix F**) for concrete walls and piers and assuming a vertical height for those structures.

<u>Depth of Slab Encountered</u> <u>(ft bgs)</u>	<u>Areal Extent of Slab</u> <u>(square feet)</u>	<u>Estimated Slab Volume</u> <u>(cubic yards)</u>
6-8	3,172	235
8-10	4,297	318

Estimated slab volume = 553 cubic yards

<u>Obstruction Encountered</u>	<u>Number of Obstructions</u>	<u>Estimated Volume of</u> <u>Obstructions (cubic yards)</u>
Concrete Wall	8	118
Concrete Pier	6	122

Estimated concrete obstruction volume = 240 cubic yards

Approximate waste volumes below the slab material have also been estimated and are presented in the descriptions of soil remaining in-place by 2-ft interval, further below in this section. The full extent and thickness of subsurface monoliths encountered could not be obtained in order to meet the aforementioned timeframe to safely complete IRM #2 and return the area to ECSD for capital improvements.

Comparison of as-built volume of waste removed versus waste to be removed as approved in Amendment #2, which includes sloping and benching, indicates that 5,666 of 6,009 cubic yards (94%) of hazardous waste and 6,501 out of 7,929 cubic yards (82%) of non-hazardous waste were removed during IRM #2 (12,167 out of 13,938 cubic yards in total,

or 87% removal). Considering the concrete obstruction volume estimate of 793 cubic yards, 12,167 out of 13,145 (13,938 - 793) cubic yards (93%) of hazardous and non-hazardous waste were removed during IRM #2. As described above, soils that remain in-place within IRM #2 are either below concrete obstructions, utilities or the result of construction modifications (i.e., additional sloping and benching) due to those obstruction. Demarcation layers consisting of geotextile fabric and orange netting were placed at the base of excavations where excavation to design limits could not be completed prior to backfilling.

Tables 9A through 9D summarize analytical data for PCBs, metals and other COPCs that remain in soils within the design footprint of IRM #2 after completion of IRM #2 activities. **Appendix Q** figures show the sample locations and results for total PCBs and metals that were not removed as part of IRM #2 for each 2-ft interval of soil removal. Areas with higher levels of PCBs and metals include:

- 0 - 2 ft bgs: Metals were detected above Restricted Residential SCOs along the eastern sidewall of the excavation, beyond the extent of IRM #2 and in the southeast corner of the EHS property;
- 2 - 4 ft bgs: Due to subsurface obstructions, sheet piling walls could not be installed adjacent to the utility corridor for the electrical and natural gas lines for safe soil removal. As a result, soils with detections of total PCBs greater than ten (10) mg/kg remain in place adjacent to the EHS building and along this utility corridor for the electrical and natural gas lines. Total PCBs were detected at a level of 91.5 and 34 mg/kg following removal of the final TSCA accumulation pile in samples UTP-01 and UTP-02, respectively. Given that geotextile and import fill material were placed beneath that material, those levels of PCBs may have been present prior to excavation and will be further delineated during the Remedial Investigation (RI). Sample OS1-B was collected from the inside of a concrete structure located in the northeast portion of IRM #2 tentatively identified as former oil skimmer #1. Total PCBs were detected at a level of 184.5 mg/kg. The current surface condition of the area surrounding UTP-01, UTP-02 and OS1-B is asphalt pavement. Metals have also been detected above Restricted Residential SCOs to the east of IRM #2 excavation;
- 4 - 6 ft bgs: Due to subsurface obstructions, sheet piling walls could not be installed adjacent to the EHS building, and the utility corridor for the electrical and natural gas lines for safe soil removal. As a result, soils with detections of total PCBs greater than ten (10) mg/kg remain in place adjacent to the EHS building and along the utility

corridor for the electrical and natural gas lines. Metals have also been detected above Restricted Residential SCOs to the east of IRM #2 excavation;

- 6 - 8 ft bgs: Due to subsurface obstructions, sheet piling walls could not be installed adjacent to the EHS building, and the utility corridor for the electrical and natural gas lines for safe soil removal. Approximately 235 cubic yards of non-hazardous waste remaining in-place may be directly attributable to the volume of the monolithic building slab encountered during construction. As a result, soils with detections of total PCBs greater than ten (10) mg/kg remain in-place adjacent to the EHS building and along the utility corridor for the electrical and natural gas lines. Metals have also been detected above Restricted Residential SCOs to the east of IRM #2 excavation;
- 8 - 10 ft bgs: Due to subsurface obstructions, sheet piling walls could not be installed adjacent to the EHS building, and the utility corridor for the electrical and natural gas lines for safe soil removal. Approximately 133 cubic yards of hazardous waste and 185 cubic yards of non-hazardous waste remaining in-place may be directly attributable to the volume of the monolithic building slabs encountered during construction. Up to 148 cubic yards of non-hazardous waste remaining in-place may be beneath the monolithic building slab encountered at 6-8 ft bgs. As a result, soils with detections of total PCBs greater than fifty (50) mg/kg remain in-place along the utility corridor for the storm sewer. In addition, soils with detections of total PCBs greater than fifty (50) mg/kg remain in-place below the bus canopy due to a concrete foundation. Soils with detections of total PCBs greater than ten (10) mg/kg remain in place below the parking lot due to concrete foundations and concrete piers and along the utility corridor for the storm sewer;
- 10 - 12 ft bgs: Due to subsurface obstructions, sheet piling walls could not be installed adjacent to the EHS building, and the utility corridor for the electrical and natural gas lines for safe soil removal. Up to 210 cubic yards of hazardous waste remaining in-place may be beneath the monolithic building slab observed during construction at 8-10 ft bgs. As a result, soils with detections of total PCBs greater than fifty (50) mg/kg remain in-place adjacent to the EHS building due to a concrete foundation and along the utility corridor for the water line. Soils in this area with detections of total PCBs greater than ten (10) mg/kg also remain in-place adjacent to the EHS building due to a concrete foundation and along the utility corridor between the water

line and the storm sewer. Soils with detections of metals above Restricted Residential SCOs remain in-place adjacent to the EHS building due to a concrete foundation and along the utility corridor between the water line and the storm sewer;

- 12 - 14 ft bgs: Due to subsurface obstructions, sheet piling walls could not be installed adjacent to the EHS building, and the utility corridor for the electrical and natural gas lines for safe soil removal. Up to 124 cubic yards of non-hazardous waste remaining in-place may be beneath the monolithic building slab observed during construction at 8-10 ft bgs. As a result, soils with detections of total PCBs greater than ten (10) mg/kg remain in-place below the parking lot due to a concrete foundation and along the utility corridor for the storm sewer. Soils with detections of metals above Restricted Residential SCOs remain in-place and along the utility corridor for the water line; and
- 14 - 16 ft bgs: Due to subsurface obstructions, sheet piling walls could not be installed adjacent to the EHS building, and the utility corridor for the electrical and natural gas lines for safe soil removal. As a result, soils with detections of total PCBs greater than ten (10) mg/kg remain in place along the utility corridor for the storm sewer.

Institutional and Engineering Controls are required to recognize remaining in-place soil conditions to protect human health and the environment. These Engineering and Institutional Controls (ECs/ICs) are described in the following sections. Long-term management of these EC/ICs and residual contamination will be performed under an interim Site Management Plan (SMP), subject to approval by NYSDEC.

3.7 Engineering Controls

3.7.1 Soil Cover System

Exposure to COPCs in soil/fill at the site is prevented by a protective soil cover system placed over the site. This cover system is comprised of a minimum of twenty-four (24) inches of imported soil overlain by asphalt, concrete pavement or vegetative cover. Unpaved areas were restored with a minimum of four (4) inches of topsoil and reseeded based on original conditions. A demarcation layer in the form of an orange netting was placed prior to backfilling with clean fill material used for the cover system. **Figure 10** provides as-built cross section of the IRM #2 soil cover system. The interim SMP will include an Excavation Work Plan which outlines required procedures in the event the cover system and/or underlying residual contamination are disturbed. This Excavation Work Plan will be provided in the interim SMP, subject to approval by NYSDEC.

3.7.2 Other Engineering Controls

IRM #2 did not require the construction of any other engineering control systems. Other engineering controls at the Site are described in the interim SMP.

3.8 Institutional Controls

A series of ICs have been developed to: (1) implement, maintain and monitor EC systems; and (2) prevent future exposure to COPCs present in media at the Site. Adherence to these ICs will be implemented under the interim SMP. ECSD has agreed to accept an Environmental Easement on the property as part of the Site remedy since the IRM includes a cover system (**Appendix R**).

3.9 Deviations from IRM #2 Work Plan

The following sections describe the deviations from the Revised Final IRM #2 Work Plan.

3.9.1 TSCA Accumulation Area

As presented in Section 2.2 of the Revised Final IRM #2 Work Plan, the TSCA Accumulation Area was to be defined by steel sheet pile walls installed at the southern property line, an eastern wall perpendicular to the property line and a northern wall parallel to the property line. The top of the sheet pile walls was exposed to a height of approximately six (6) feet above surface grade to allow for TSCA material to be stockpiled within the area and create separation between the TSCA accumulation stockpile and the TSCA Loading Area. Sheet pile installation commenced on 23 June 2018, however, sheet piling could not be installed as designed or as scheduled due to subsurface obstructions. On 29 June 2018, approval was requested from NYSDEC to modify the TSCA Accumulation Area design and begin sheet pile installation near the EHS building to maintain the schedule for Phase I excavation and backfill. At that time, nineteen (19) sheets had been installed on the property boundary and five (5) sheets had been installed to form the eastern wall of the TSCA Accumulation Area. This sheet pile wall extended from the eastern end of the TSCA Accumulation Area to approximately eight (8) feet west of the catch basin along the property line. The 29 June 2018 proposed modifications also included the addition of E&S controls to be installed at the property boundary and along the edge of parking lot pavement. A second line of silt fence was installed along the southern end of the property boundary to provide additional E&S controls. Concrete blocks covered in poly sheeting were installed on the north side of the TSCA Accumulation Area to provide separation and ensure that no material left the area. NYSDEC provided email approval on 29 June 2018, controls were installed and documented in Amendment #1 dated 3 July 2018.

3.9.2 Management of Potential Reuse Soils Overlaying TSCA

As presented in Section 2.2 of the Revised Final IRM #2 Work Plan, soils that overlay PCB remediation waste were to be segregated for testing prior to transport to the MSA. Due to space and time constraints within the LOD, staging this material pending waste

characterization was determined to impact schedule and constrain the safe movement of excavation equipment and personnel. An alternative procedure was proposed to NYSDEC on 29 June 2018 requesting the relocation of potential reuse soils to the MSA pending receipt of results for non-PCB COPCs if preliminary PCB results indicate that total PCB concentrations are less than ten (10) mg/kg. These soils would be staged and managed separately from all other approved material in the MSA. It was understood that if other non-PCB COPCs were detected above the reuse criteria those soils will not be considered for reuse on Site. The material would be disposed of offsite at an appropriate facility and sampling of the MSA area might be necessary to ensure cross-contamination did not occur in the area the soil was managed. An amendment was requested for material movement within the IRM area. NYSDEC provided email approval on 29 June 2018, and changes were documented in Amendment #1 dated 3 July 2018.

3.9.3 Truck Decontamination

Construction Drawings and Specifications included in the Revised Final IRM #2 Work Plan specified that automated truck wash units would be used for the decontamination of trucks leaving the TSCA Loading Area and the MSA. During initial phases of construction, it was observed that the decontamination of equipment, specifically haul trucks, was not timely or efficient using the automated truck wash pads. This was primarily due to size differences in trucks and trailers and ease of movement through the automated units. Approval was requested in Amendment #1 to construct equipment wash pads per the detail on Sheet 11 of the Construction Drawings in place of the automated truck wash units in use in the TSCA Loading Area and the MSA and perform truck decontamination manually moving forward. NYSDEC provided email approval on 29 June 2018, and changes were documented in Amendment #1 dated 3 July 2018.

3.9.4 Excavation and Subsurface Utilities Support Plans

As presented in Section 2.2 of the Revised Final IRM #2 Work Plan, temporary support of excavation (SOE) and benching were required for areas of the Site with excavation depths of four (4) feet or greater. For the excavation area located along the south side of the EHS building and the southern property boundary, steel sheet piles were proposed to provide SOE for excavation depths of approximately ten (10) ft bgs and to support subsurface natural gas and electric lines at the boundaries of Phases 1 and 2 of the excavation. In accordance with Amendment #1, sheet pile installation for the Phase 1 excavation began on 30 June 2018. As presented in Amendment #2, sheet pile refusal was encountered at multiple locations south of the EHS building, north of the gas line and at the western edge of the milled asphalt. In coordination with NYSDEC, it was determined that further sheet pile installation was not feasible for the IRM #2 construction schedule due to subsurface obstructions and proposed alternative SOE in Amendment #2. Pre-installation of alternative supports for subsurface utilities was not feasible due to anticipated refusal for driven supports and the schedule for turnover of Phases 1 and 2 of the IRM #2 excavation to ECSD for capital improvement construction. NYSDEC accepted the work plan

modifications on 31 July 2018.

Excavation side slopes of two (2) horizontal to one (1) vertical (2H:1V) were implemented in the following areas in place of sheet pile wall installation:

- South of the EHS building in Phase 1 after benching two (2) ft bgs approximately four (4) feet from building foundation;
- North of the gas line in Phase 1;
- South of the electric line in Phase 3;
- North of the southern property line in Phase 3, after benching three (3) feet from the property line. This excavation occurred west of the installed sheet pile wall; and
- East and west side of the Phase 3 excavation from the current ground surface to the proposed excavation depth.

Excavation side slopes of one (1) horizontal to one (1) vertical (1H:1V) were implemented in Phase 2 between the active utility lines:

- South of the gas line in Phase 2 after excavation to the top of the gas line; and
- North of the electric line in Phase 2 after excavation to the top of the electric line.

Excavation side slopes of two (2) horizontal to one (1) vertical (2H:1V) were implemented in other areas of the Site with adequate space. As noted above, concrete blocks covered with poly sheeting were used as the northern boundary of the TSCA Accumulation Area.

Amendment #2 was implemented with the understanding that PCB-impacted soil including PCB remediation waste would be left in place below the slope of the excavations. PCB confirmation samples were collected along the sidewall of sloped excavations in those areas to document PCBs that may remain in place. The extent and depth of PCBs remaining in place are described above in Section 3.6.

3.9.5 Temporary Facilities – MSA Restoration.

As presented in Section 3.2 of the Revised Final IRM #2 Work Plan, temporary facilities, on the adjacent STCC property to the south, i.e. the MSA, were used for stockpiling non-hazardous excavated soils. The final requirements for MSA restoration were to be coordinated with STCC. In discussions with NYSDEC in September 2018, Unisys proposed to maintain the MSA for future remedial work through 2019 pending modification of the access agreement with STCC. Prior to demobilization, the IRM #2 contractor stabilized the MSA for long-term use by:

- Restoring STCC access to the asphalt road on the east side of the MSA;
- Anchoring the temporary fencing by driving two-inch (2-in) steel fence posts and mechanically securing the temporary fence to the driven posts;
- Placing compost filter socks in the inside perimeter of the fence for erosion and sediment control; and
- Covering the equipment wash pad with a tarp and securing it for future use.

On 3 January 2019, Unisys executed an amendment to the current access agreement with STCC to allow the MSA to be maintained on its property until 31 December 2019. The scope of work for long-term MSA stabilization has been documented in Amendment #3 dated 19 January 2019.

Regular twice weekly inspections of the MSA will be carried out in addition to inspections after significant storm events. Any deficiencies observed in these inspections will be rectified within 48 hours of observation.

3.10 Problems Encountered

The following sections describe problems encountered during IRM #2 construction.

3.10.1 Soil Management

On 6 July 2018, approximately 3 to 5 cubic yards of soil were excavated from an area near the EHS building where pre-delineation was incomplete pending receipt of analytical results for PCB confirmation sample at 4-6 ft bgs at location B1212. The soil was transferred to the MSA and placed in the non-hazardous soil stockpile prior to receipt of analytical results. A preliminary result of 100 mg/kg total PCBs for B1212 sample indicated that the soil from an area bounded by B372, B836, B923, B955 and B914 would require disposal as TSCA material. The area where that soil was placed in the MSA was identified and approximately 22 cubic yards of soil was over-excavated and transported to the TSCA Accumulation Area in a TSCA-designated dump truck for off-Site disposal on 8 July 2018. Four (4) confirmation samples were collected from the MSA over-excavation to confirm complete removal. Procedures for reviewing excavation plans where pre-delineation is incomplete were reviewed as a preventative measure. Analytical results for the MSA confirmation samples were received on 13 July 2018. Detections of total PCBs ranged from non-detect to 26.7 mg/kg indicating that TSCA material was not present in the stockpile after over-excavation;

3.10.2 Protection of Existing Utilities

On 16 July 2018, an excavator struck a water line that runs south to north to service Elmira High School. The line had been angled approximately 45 degrees to the west from the alignment shown on EHS utility plans. Approximately 20,000 gallons of water had collected in the excavation by the time the water supply was shut off approximately 8-10 minutes later. NYSDEC was notified once the situation had stabilized. The Elmira Water

Board (EWB) was called to the Site to assess the situation. RECON constructed a check dam and evacuated the water alongside the water pipe where the breach occurred in order to allow EWB personnel to inspect the pipe. The collected water was transferred to frac tanks staged in the MSA. Excavation to install a secondary valve and allow water to be resupplied to the school was carried out to the north of K wing. Soil generated was segregated and characterized for disposal.

The pipe was also damaged on 24 July 2018 at the other end of the bend and had to be repaired at two locations prior to backfilling. Due to excessive rainfall during IRM #2 construction and schedule constraints to accommodate ECSD capital improvements, testing of the repaired water line could not be completed prior to backfilling.

An initial attempt to pressurize the line and provide water to the hydrants was made on 12 October 2018. Pressure testing on the repaired line was not successful. Based on pressure test results and given the existing configuration of gate valves testing ports it was not possible to determine the leak location and if it was associated with the known break and repairs made within the IRM area.

Additional testing was completed on 21 November 2018 to determine the leak location and to restore water supply to the hydrants. A valve was installed near the fire hydrant to the south of the parking lot. Material generated during the installation of the valve, from the region below the demarcation layer, was containerized pending characterization. The section of the loop within the IRM was tested and was observed to be losing pressure indicative of a leak within the IRM area. A second pressure test was carried out to identify if water could be provided to the hydrant from the hot box near South Main Street. Test observations indicated that this section of pipe was intact and holding pressure. The hydrant was kept active using water supplied from this part of the loop of the pipe.

All hydrants within the school area are properly supplied with water and are active. At the request of ECSD, water line testing and repairs to complete the loop will be performed at a future date.

3.10.3 Site Restoration

Backfilling of the excavation with structural backfill and sub-base material for paving was completed on 30 August 2018. Excavations were backfilled with structural fill and compacted to an in-place density of at least 95 percent of Standard Proctor (ASTM D-698) maximum dry density and at a moisture content between -4 and +2 percent of optimum. During excavation and backfilling activities, samples of imported fill were tested for sieve and Standard Proctor analyses. All results were within the approved Construction Specifications provided in the IRM #2 Work Plan (**Appendix O**). In addition, backfill placed was consistent with New York State Department of Transportation Select Granular Fill or Select Structural Fill criteria. During backfilling, nuclear density tests were performed and results indicate that compaction meeting Construction Specifications was achieved (**Appendix P**).

ECSD representatives inspected the intermediate final grading on 30 August 2018 and communicated to Geosyntec that several areas of the finished backfill were exhibiting pumping when equipment passed over them. These areas appeared to occur in portions of the fill that had a high fine-grained fraction of fill that others, as evidenced by the ability of soil to form a cohesive ball when pressed together in the hand. This condition can occur when a compacted surface is exposed to precipitation and the moisture content of the fill is high enough that when equipment traverses the area, the compacted soils “pump” because of the high water content.

The Elmira region experienced multiple significant precipitation events, and therefore, following completion of backfill, the finished surface, which was compacted to project specifications, became saturated with numerous small areas of standing water. This resulted in pumping of the graded surface during equipment movement. Six (6) areas were identified for repair by ECSD representatives on 6 September 2018 and repairs were successfully completed on 11 and 12 September 2018. “Soft spot” areas identified by ECSD were stabilized by over excavating the top two (2) feet of material, placing a geogrid to stabilize the base of the excavation and combining lime kiln dust with backfill to remove moisture from the excavated material. This action helped the finer fractions of the fill to bind together and decrease the moisture content.

After the first stage of stabilization, several precipitation events occurred. Paving on top of the stabilized surface by the ECSD CIP contractor was done on 17 and 18 September 2018. Additional soft spots were observed after completion of the asphalt paving and a second phase of “soft spot” corrective activity was completed. This consisted of excavation of the top two (2) feet of material, placement of a geogrid, mixing lime kiln dust for stabilization and repaving. These actions were carried out between 3 and 5 October 2018.

Observations made during the second round of stabilization indicate that the upper foot or so of structural fill became saturated and was susceptible to pumping unless it was allowed to dry out. In addition, vehicular traffic on saturated areas would exacerbate these conditions.

3.10.4 Protection of Existing Monitoring Wells

On 4 September 2018, monitoring well MW-42 located at the eastern edge of the 0-2 ft bgs excavation was observed to have been damaged during the excavation. Attempts to repair the well on 10 September 2018 were unsuccessful. MW-42 was abandoned in accordance with NYSDEC Policy CP-43 on 4 October 2018. Well abandonment forms are included in **Appendix H**.

TABLES

Table 1
Summary of CAMP Dust Monitoring Exceedances

Former Sperry Remington Site - North Portion
Elmira, New York

Monitoring Station	Record Date	Record Time	Dust Reading ¹ (µg/m ³)	Action Taken/Notes
DW MSA	6/14/2018	11:09 AM	166.49	2 monitors exceeded. Gusts of wind knocked the fence down along with the dust monitors. Implemented dust control measures.
DW RPL/MSA	6/15/2018	10:47 AM	114.17	Malfunctioning meter. Recalibarated and sprayed water.
UW MSA	6/19/2018	4:00 PM	528.38	Upwind exceedance.
UW MSA	6/21/2018	5:00 PM	224.33	Upwind exceedance.
DW MSA	6/22/2018	11:45 AM	120.33	Trigger level exceeded. Implemented dust control measures.
DW MSA	6/23/2018	3:27 PM	863.04	2 monitors exceeded. Attributed to vehicular traffic, no material movement occurred on that section of site on that day.
DW MSA	6/26/2018	3:27 PM	122.05	1 trigger level. Implemented dust control measures.
DW MSA	6/28/2018	3:45 PM	661.44	2 monitors exceeded. Placed in bag prior to collection due to incoming rain. Protocol change in monitor collection.
DW MSA	6/30/2018	2:53 PM	112.52	Trigger level exceeded.Implemented dust control measures.
DW MSA	7/2/2018	9:30 AM	186.78	1 monitor twice. Implemented dust control measures.
DW MSA	7/10/2018	4:00 PM	142.92	Trigger level exceeded. Implemented dust control measures.
DW RPL/MSA	7/13/2018	4:40 PM	228.9	RPL multiple action 1 monitor, MSA 1 trigger level exceedance. Implemented dust control measures.
DW RPL/MSA	7/14/2018	2:45 PM	112.04	RPL and MSA trigger level exceedances. Implemented dust control measures.
DW MSA	7/20/2018	2:00 PM	115.34	1 Trigger level exceedance. Implemented dust control measures.
DW MSA	7/21/2018	11:38 PM	138.14	1 Trigger level exceedance. Implemented dust control measures.
DW RPL	7/30/2018	2:15 PM	206.7	Monitors pulled into bag. High readings associated with pickup and handling.
DW RPL	7/31/2018	1:32 PM	162.91	1 monitor with high readings associated with local excavation. Implemented dust control measures.
DW RPL	8/4/2018	3:30 PM	133.24	1 Trigger level exceedance. Implemented dust control measures.
DW RPL	8/6/2018	5:00 PM	213.72	1 exceedance at time of monitor pickup.
DW RPL	8/7/2018	11:00 AM	179.45	1 Threshold. Implemented dust control measures.
DW MSA	8/10/2018	10:00 AM	109.99	1 Trigger level exceedance. Implemented dust control measures.
DW RPL	8/16/2018	4:00 PM	1126.58	3 monitor exceedances. Associated with movement of equipemnt and material from the school contractor. Implemented dust control measures.
DW MSA	8/20/2018	11:00 AM	184.06	1 Threshold exceedance. Implemented dust control measures
DW RPL	8/23/2018	9:15 AM	128.52	1 trigger and 1 threshold exceedance. Associated with School contractor activity.
DW RPL	8/24/2018	3:15 PM	105.91	2 trigger exceedances at western edge. Associated with school contractor activity.
DW RPL	8/25/2018	10:00 AM	275.2	Sweeping without spraying. Implemented dust control measures
UW RPL	8/27/2018	3:15 PM	111.85	Upwind exceedance
DW RPL	8/29/2018	5:00 PM	177.3	2 trigger and 1 threshold. Associated with school contractor activities.
DW MSA	9/17/2018	11:45 AM	183.38	1 Threshold. Implemented dust control measures.

Notes:

- 1 Higest recorded daily measuerment reported. Difference is measured between the upwind and downwind monitors.
- 2 Only dust readings that exceeded the action levels for dust control (100 µg/m³) and for work suspension (150 µg/m³) are shown.
- µg/m³ Micrograms per cubic meter
- UW Upwind
- DW Downwind
- RPL Rear Parking Lot
- MSA Material Staging Area

TABLE 2
Summary of Analytical Results - Time-Integrated CAMP Sampling

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
		µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3
EQL		0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Field ID	Sampled Date									
DOWNWIND AT AIR INTAKE	6/24/2018	<0.0014U	<0.0014U	<0.0014U	<0.0014U	0.026=	<0.0014U	<0.0014U	<0.0014U	<0.0014U
DOWNWIND	6/25/2018	<0.0016U	<0.0016U	<0.0016U	<0.0016U	0.0021	<0.0016U	<0.0016U	<0.0016U	<0.0016U
DOWNWIND AT AIR INTAKE	6/25/2018	<0.0016U	<0.0016U	<0.0016U	<0.0016U	0.00033J	<0.0016U	<0.0016U	<0.0016U	<0.0016U
UPWIND	6/25/2018	<0.0016U	<0.0016U	<0.0016U	<0.0016U	0.0011J	<0.0016U	<0.0016U	<0.0016U	<0.0016U
DOWNWIND	6/26/2018	<0.00074U	<0.00074UJ	<0.00074UJ	<0.00074UJ	0.005J	<0.00074UJ	<0.00074UJ	<0.00074UJ	<0.00074UJ
DOWNWIND AT AIR INTAKE	6/26/2018	<0.0022UJ	<0.0022UJ	<0.0022UJ	<0.0022UJ	0.018J	<0.0022UJ	<0.0022UJ	<0.0022UJ	<0.0022UJ
UPWIND	6/26/2018	<0.00074UJ	<0.00074UJ	<0.00074UJ	<0.00074UJ	0.0009J	<0.00074UJ	<0.00074UJ	<0.00074UJ	<0.00074UJ
DOWNWIND	6/27/2018	<0.00073U	<0.00073U	<0.00073U	<0.00073U	0.0063J	<0.00073U	<0.00073U	<0.00073U	<0.00073U
DOWNWIND AT AIR INTAKE	6/27/2018	<0.0027U	<0.0027U	<0.0027U	<0.0027U	0.031J	<0.0027U	<0.0027U	<0.0027U	<0.0027U
UPWIND	6/27/2018	<0.00074U	<0.00074U	<0.00074U	<0.00074U	0.0011J	<0.00074U	<0.00074U	<0.00074U	<0.00074U
DOWNWIND	6/28/2018	<0.00082U	<0.00082U	<0.00082U	<0.00082U	0.0007J	<0.00082U	<0.00082U	<0.00082U	<0.00082U
DOWNWIND AT AIR INTAKE	6/28/2018	<0.0008U	<0.0008U	<0.0008U	<0.0008U	0.0032	<0.0008U	<0.0008U	<0.0008U	<0.0008U
UPWIND	6/28/2018	<0.0028U	<0.0028U	<0.0028U	<0.0028U	0.014	<0.0028U	<0.0028U	<0.0028U	<0.0028U
DOWNWIND	6/29/2018	<0.0011U	<0.0011U	<0.0011U	<0.0011U	0.012J	<0.0011U	<0.0011U	<0.0011U	<0.0011U
DOWNWIND AT AIR INTAKE	6/29/2018	<0.0003U	<0.0003U	<0.0003U	<0.0003U	0.00044J	<0.0003U	<0.0003U	<0.0003U	<0.0003U
UPWIND	6/29/2018	<0.00033U	<0.00033U	<0.00033U	<0.00033U	0.00032J	<0.00033U	<0.00033U	<0.00033U	<0.00033U
DOWNWIND	6/30/2018	<0.0004U	<0.0004U	<0.0004U	<0.0004U	0.0022J	<0.0004U	<0.0004U	<0.0004U	<0.0004U
DOWNWIND AT AIR INTAKE	6/30/2018	<0.0015U	<0.0015U	<0.0015U	<0.0015U	0.016J	<0.0015U	<0.0015U	<0.0015U	<0.0015U
UPWIND	6/30/2018	<0.00035U	<0.00035U	<0.00035U	<0.00035U	0.0012J	<0.00035U	<0.00035U	<0.00035U	<0.00035U
DOWNWIND	7/9/2018	<0.00083UJ	<0.00083UJ	<0.00083UJ	<0.00083UJ	0.0033J	<0.00083UJ	<0.00083UJ	<0.00083UJ	<0.00083UJ
DOWNWIND AT AIR INTAKE	7/9/2018	<0.0033UJ	<0.0033UJ	<0.0033UJ	<0.0033UJ	0.025J	<0.0033UJ	<0.0033UJ	<0.0033UJ	<0.0033UJ
UPWIND	7/9/2018	<0.00092UJ	<0.00092UJ	<0.00092UJ	<0.00092UJ	0.013J	<0.00092UJ	<0.00092UJ	<0.00092UJ	<0.00092UJ
DOWNWIND	7/16/2018	<0.00082U	<0.00082U	<0.00082U	<0.00082U	0.0074	<0.00082U	<0.00082U	<0.00082U	<0.00082U
DOWNWIND AT AIR INTAKE	7/16/2018	<0.004U	<0.004U	<0.004U	<0.004U	0.032	<0.004U	<0.004U	<0.004U	<0.004U
UPWIND	7/16/2018	<0.00082U	<0.00082U	<0.00082U	<0.00082U	0.0025	<0.00082U	<0.00082U	<0.00082U	<0.00082U
DOWNWIND	7/23/2018	<0.0015U	<0.0015U	<0.0015U	0.0027U	<0.0015J	<0.0015U	<0.0015U	<0.0015U	<0.0015U
DOWNWIND AT AIR INTAKE	7/23/2018	<0.0014U	<0.0014U	<0.0014U	0.0046U	<0.0014J	<0.0014U	<0.0014U	<0.0014U	<0.0014U
UPWIND	7/23/2018	<0.0015U	<0.0015U	<0.0015U	0.00056U	<0.0015J	<0.0015U	<0.0015U	<0.0015U	<0.0015U
DOWNWIND	7/30/2018	<0.00087U	<0.00087U	<0.00087U	<0.00087U	0.0039	<0.00087U	<0.00087U	<0.00087U	<0.00087U
DOWNWIND AT AIR INTAKE	7/30/2018	<0.0017U	<0.0017U	<0.0017U	<0.0017U	0.015	<0.0017U	<0.0017U	<0.0017U	<0.0017U
UPWIND	7/30/2018	<0.00087U	<0.00087U	<0.00087U	<0.00087U	0.0015	<0.00087U	<0.00087U	<0.00087U	<0.00087U
DOWNWIND	8/6/2018	<0.00081U	<0.00081U	<0.00081U	<0.00081U	0.0019	<0.00081U	<0.00081U	<0.00081U	<0.00081U
DOWNWIND AT AIR INTAKE	8/6/2018	<0.0008U	<0.0008U	<0.0008U	<0.0008U	0.0058	<0.0008U	<0.0008U	<0.0008U	<0.0008U
UPWIND	8/6/2018	<0.00082U	<0.00082U	<0.00082U	<0.00082U	0.0034	<0.00082U	<0.00082U	<0.00082U	<0.00082U
DOWNWIND	8/15/2018	<0.0041U	<0.0041U	<0.0041U	<0.0041U	0.034	<0.0041U	<0.0041U	<0.0041U	<0.0041U
DOWNWIND AT AIR INTAKE	8/15/2018	<0.00082U	<0.00082U	<0.00082U	<0.00082U	0.0031	<0.00082U	<0.00082U	<0.00082U	<0.00082U
UPWIND	8/15/2018	<0.00082U	<0.00082U	<0.00082U	<0.00082U	0.002	<0.00082U	<0.00082U	<0.00082U	<0.00082U
DOWNWIND	8/21/2018	<0.00082U	<0.00082U	<0.00082U	<0.00082U	0.0037	<0.00082U	<0.00082U	<0.00082U	<0.00082U
DOWNWIND AT AIR INTAKE	8/21/2018	<0.0008U	<0.0008U	<0.0008U	<0.0008U	0.005	<0.0008U	<0.0008U	<0.0008U	<0.0008U
UPWIND	8/21/2018	<0.00092U	<0.00092U	<0.00092U	<0.00092U	0.0038	<0.00092U	<0.00092U	<0.00092U	<0.00092U

Notes:

µg/m3 Micrograms per meter cubed
J Estimated value
U Non-detect

Table 3
Summary of Waste Disposal - Totals

Beech and Bonaparte

Former Sperry Remington Site - North Portion
 Elmira, New York

MATERIAL	TRANSPORTER	DESTINATION	LOCATION	UNIT	TOTAL
Hazardous Waste (PCBs)	U.S. Bulk, Page ETC, Tonawanda	Wayne Disposal	Belleville, MI	Tons	12,284.57
Hazardous Waste (PCBs and Lead)	U.S. Bulk, Page ETC	Envirosafe Services	Oregon, OH	Tons	666.8
Non-Hazardous Soil and Debris	Ricelli	Hyland Landfill	Angelica, NY	Tons	16,506.58
Contact Water	US Environmental	Environmental Recovery Corporation (ERC)	Lancaster, PA	Gallons	165,096

Table 4
Summary of Analytical Results - Non-Haz Waste Characterization

Former Sperry Remington Site - North
Elmira, New York

				Field ID	W2, S1, A 71117	W2, S1, B 71117	W2, S1, C 71117	W1S1	W1S1-A	W1S1-B	FHA
				Sampled Date	7/11/2017	7/11/2017	7/11/2017	7/13/2018	7/13/2018	7/13/2018	7/19/2018
Group	Analyte	Units	EQL	NYS Hazardous Waste							
PCBs	Arochlor 1016	mg/kg	0.0058		-	-	<0.0098U	<0.028U	-	-	-
	Arochlor 1221	mg/kg	0.0095		-	-	<0.0095U	<0.057U	-	-	-
	Arochlor 1232	mg/kg	0.0073		-	-	<0.0073U	<0.052U	-	-	-
	Arochlor 1242	mg/kg	0.011		-	-	<0.015U	<0.052U	-	-	-
	Arochlor 1248	mg/kg	0.018		-	-	0.84J	6.7J	-	-	-
	Arochlor 1254	mg/kg	0.018		-	-	0.64J	3.1J	-	-	-
	Arochlor 1260	mg/kg	0.018		-	-	0.19J	0.34J	-	-	-
	Arochlor 1268	mg/kg	0.0056		-	-	<0.0056U	<0.042U	-	-	-
	Arochlor 1262	mg/kg	0.012		-	-	<0.013U	<0.061U	-	-	-
	Total PCBs	mg/kg		50	-	-	1.7	10.29	-	-	-
SVOCs	1,4-Dioxane	mg/kg	0.055		-	-	<0.11U	<0.032U	-	-	-
	2,4,5-trichlorophenol	mg/kg	0.013		-	-	<0.068U	<0.0074U	-	-	-
	2,4,6-trichlorophenol	mg/kg	0.0097		-	-	<0.063U	<0.0057U	-	-	-
	2,4-Dinitrotoluene	mg/kg	0.0088		-	-	<0.095U,F2	<0.0052U	-	-	-
	2-methylphenol	mg/kg	0.051		-	-	<0.063U	<0.03U	-	-	-
	4-methylphenol	mg/kg	0.052		-	-	<0.064U	<0.03U	-	-	-
	Acenaphthene	mg/kg	0.02		-	-	<0.048U	0.0076J	-	-	-
	Acenaphthylene	mg/kg	0.015		-	-	0.12J	0.024	-	-	-
	Anthracene	mg/kg	0.035		-	-	0.15J	0.026	-	-	-
	Benz(a)anthracene	mg/kg	0.035		-	-	0.59J	0.064	-	-	-
	Benzo(a) pyrene	mg/kg	0.035		-	-	0.61J	0.068J	-	-	-
	Benzo(b)fluoranthene	mg/kg	0.035		-	-	0.78J	0.09J	-	-	-
	Benzo(g,h,i)perylene	mg/kg	0.035		-	-	0.55J	0.071	-	-	-
	Benzo(k)fluoranthene	mg/kg	0.035		-	-	0.21J	0.043	-	-	-
	Chrysene	mg/kg	0.035		-	-	0.62J	0.075J	-	-	-
	Dibenz(a,h)anthracene	mg/kg	0.016		-	-	0.12J	0.017J	-	-	-
	Dibenzofuran	mg/kg	0.015		-	-	<0.058U	0.0094J	-	-	-
	Fluoranthene	mg/kg	0.035		-	-	0.93J	0.11J	-	-	-
	Fluorene	mg/kg	0.014		-	-	<0.051U	0.0078J	-	-	-
	Hexachlorobenzene	mg/kg	0.013		-	-	<0.058U	<0.0074U	-	-	-
	Hexachlorobutadiene	mg/kg	0.01		-	-	<0.045U	<0.0061U	-	-	-
	Hexachloroethane	mg/kg	0.0091		-	-	<0.052U,F2	<0.0053U	-	-	-
	Indeno(1,2,3-c,d)pyrene	mg/kg	0.035		-	-	0.5J	0.058	-	-	-
	Naphthalene	mg/kg	0.035		-	-	0.16	0.021	-	-	-
	Nitrobenzene	mg/kg	0.055		-	-	<0.055U	<0.038U	-	-	-
	Pentachlorophenol	mg/kg	0.28		-	-	-	<0.17U	-	-	-
	Phenanthrene	mg/kg	0.035		-	-	0.43J	0.064	-	-	-
	Phenol	mg/kg	0.053		-	-	<0.097U	<0.031U	-	-	-
	Pyrene	mg/kg	0.035		-	-	0.92J	0.099J	-	-	-
	Pyridine	mg/kg	0.069		-	-	<0.069U	<0.056U	-	-	-

Table 4
Summary of Analytical Results - Non-Haz Waste Characterization

Former Sperry Remington Site - North
Elmira, New York

				Field ID	W2, S1, A 71117	W2, S1, B 71117	W2, S1, C 71117	W1S1	W1S1-A	W1S1-B	FHA
				Sampled Date	7/11/2017	7/11/2017	7/11/2017	7/13/2018	7/13/2018	7/13/2018	7/19/2018
Group	Analyte	Units	EQL	NYS Hazardous Waste							
VOCs	1,1,1-trichloroethane	mg/kg	0.0022		<0.0026U	<0.0022U	-	-	<0.0026U	<0.0027U	<0.0027U
	1,1-dichloroethane	mg/kg	0.0016		<0.0019U	<0.0016U	-	-	<0.0018U	<0.0019U	<0.0019U
	1,1-dichloroethene	mg/kg	0.0025		<0.003U	<0.0025U	-	-	<0.0029U	<0.003U	<0.003U
	1,2,4-trimethylbenzene	mg/kg	0.0012		<0.0014U	<0.0012U	-	-	<0.0014U	<0.0014U	<0.0014U
	1,2-dichlorobenzene	mg/kg	0.0035		<0.0042U	<0.0035U	-	-	<0.0041U	<0.0043U	<0.0043U
	1,2-dichloroethane	mg/kg	0.0013		<0.0015U	<0.0013U	-	-	<0.0015U	<0.0015U	<0.0015U
	1,3,5-trimethylbenzene	mg/kg	0.0015		<0.0018U	<0.0015U	-	-	<0.0018U	<0.0018U	<0.0018U
	1,3-dichlorobenzene	mg/kg	0.0014		<0.0017U	<0.0014U	-	-	<0.0016U	<0.0017U	<0.0017U
	1,4-dichlorobenzene	mg/kg	0.0009		<0.0011U	<0.0009U	-	-	<0.001U	<0.0011U	<0.0011U
	1,4-Dioxane	mg/kg	0.038		-	-	-	-	<0.037U	<0.039U	<0.039U
	Methyl Ethyl Ketone	mg/kg	0.0026		<0.003U	<0.0026U	-	-	<0.003U	<0.0031U	<0.0031U
	Acetone	mg/kg	0.0028		<0.0033U	<0.0028U	-	-	0.009J	0.0075J	0.005J
	Benzene	mg/kg	0.0017		<0.002U	<0.0017U	-	-	<0.002U	<0.0021U	<0.0021U
	Carbon tetrachloride	mg/kg	0.0029		<0.0034U	<0.0029U	-	-	<0.0034U	<0.0035U	<0.0035U
	Chlorobenzene	mg/kg	0.0014		<0.0016U	<0.0014U	-	-	<0.0016U	<0.0017U	<0.0017U
	Chloroform	mg/kg	0.0019		<0.0022U	<0.0019U	-	-	<0.0022U	<0.0022U	<0.0022U
	cis-1,2-dichloroethene	mg/kg	0.0014		<0.0016U	<0.0014U	-	-	<0.0016U	<0.0017U	<0.0017U
	Dichloromethane	mg/kg	0.0021		<0.0024U	<0.0021U	-	-	<0.0024U	<0.0025U	<0.0025U
	Ethylbenzene	mg/kg	0.0019		<0.0022U	<0.0019U	-	-	<0.0022U	<0.0023U	<0.0023U
	Methyl-tert-butyl ether	mg/kg	0.0032		<0.0038U	<0.0032U	-	-	<0.0038U	<0.0039U	<0.0039U
	n-butylbenzene	mg/kg	0.0033		<0.0039U	<0.0033U	-	-	<0.0039U	<0.004U	<0.004U
	n-propylbenzene	mg/kg	0.0019		<0.0022U	<0.0019U	-	-	<0.0022U	<0.0022U	<0.0022U
	sec-butylbenzene	mg/kg	0.0021		<0.0025U	<0.0021U	-	-	<0.0025U	<0.0026U	<0.0026U
	Trichloroethene	mg/kg	0.0013		<0.0016U	<0.0013U	-	-	<0.0015U	<0.0016U	0.0039J
	tert-butylbenzene	mg/kg	0.0016		<0.0019U	<0.0016U	-	-	<0.0019U	<0.0019U	<0.0019U
	Tetrachloroethene	mg/kg	0.0018		<0.0021U	<0.0018U	-	-	<0.002U	0.0035J	<0.0021U
	Toluene	mg/kg	0.0015		<0.0017U	<0.0015U	-	-	<0.0017U	<0.0018U	<0.0018U
	trans-1,2-dichloroethene	mg/kg	0.0022		<0.0026U	<0.0022U	-	-	<0.0026U	<0.0027U	<0.0027U
	Vinyl chloride	mg/kg	0.0032		<0.0038U	<0.0032U	-	-	<0.0037U	<0.0039U	<0.0039U
	Xylene Total	mg/kg	0.0038		<0.0045U	<0.0038U	-	-	<0.0044U	<0.0046U	<0.0046U
Metals and Inorganics	Cyanide Total	mg/kg	0.16		-	-	<0.16U	<0.28U	-	-	-
	Arsenic	mg/kg	1.1		-	-	6.6	7.1	-	-	-
	Barium	mg/kg	21		-	-	84	82	-	-	-
	Beryllium	mg/kg	0.43		-	-	0.35J	0.35J	-	-	-
	Cadmium	mg/kg	0.53		-	-	0.24J	0.19J	-	-	-
	Chromium (III+VI)	mg/kg	0.53		-	-	10	12	-	-	-
	Copper	mg/kg	2.7		-	-	26J-	34	-	-	-
	Lead	mg/kg	1.1		-	-	33	28	-	-	-
	Manganese	mg/kg	1.6		-	-	800J	470	-	-	-
	Mercury	mg/kg	0.03		-	-	0.41J+	0.026J	-	-	-
	Nickel	mg/kg	4.3		-	-	19	25	-	-	-
	Selenium	mg/kg	0.56		-	-	0.47J	<0.55U	-	-	-
	Silver	mg/kg	0.11		-	-	<0.18U	<0.11U	-	-	-
	Zinc	mg/kg	2.1		-	-	76J	68	-	-	-

Notes:
mg/kg - Milligrams per kilogram
J - Estimated value
U - Non-detect

Table 4
Summary of Analytical Results - Non-Haz Waste Characterization

Former Sperry Remington Site - North
Elmira, New York

				Field ID	FHB	FH	W1S307242018 A	W1S307242018 B	W1S307242018 D	W3S107242018 A	W3S107242018 B	W3S107242018 C	W4S108012018A
				Sampled Date	7/19/2018	7/19/2018	7/24/2018	7/24/2018	7/24/2018	7/24/2018	7/24/2018	7/24/2018	8/1/2018
Group	Analyte	Units	EQL	NYS Hazardous Waste									
PCBs	Arochlor 1016	mg/kg	0.0058		-	<0.058U	-	-	<0.0058U	-	-	<0.0057U	-
	Arochlor 1221	mg/kg	0.0095		-	<0.12U	-	-	<0.012U	-	-	<0.011U	-
	Arochlor 1232	mg/kg	0.0073		-	<0.11U	-	-	<0.011U	-	-	<0.01U	-
	Arochlor 1242	mg/kg	0.011		-	<0.11U	-	-	<0.011U	-	-	<0.011U	-
	Arochlor 1248	mg/kg	0.018		-	17J	-	-	0.31J	-	-	0.079J	-
	Arochlor 1254	mg/kg	0.018		-	5.9J	-	-	0.38J	-	-	0.032J	-
	Arochlor 1260	mg/kg	0.018		-	0.96J	-	-	0.085J	-	-	<0.005U	-
	Arochlor 1268	mg/kg	0.0056		-	<0.086U	-	-	<0.0087U	-	-	<0.0086U	-
	Arochlor 1262	mg/kg	0.012		-	<0.12U	-	-	<0.013U	-	-	<0.012U	-
	Total PCBs	mg/kg		50	-	24.16	-	-	3.403	-	-	0.1427	-
SVOCs	1,4-Dioxane	mg/kg	0.055		-	<0.055U	-	-	<0.022U	-	-	<0.011U	-
	2,4,5-trichlorophenol	mg/kg	0.013		-	<0.013U	-	-	<0.005U	-	-	<0.0025U	-
	2,4,6-trichlorophenol	mg/kg	0.0097		-	<0.0097U	-	-	<0.0039U	-	-	<0.0019U	-
	2,4-Dinitrotoluene	mg/kg	0.0088		-	<0.0088U	-	-	<0.0035U	-	-	<0.0017U	-
	2-methylphenol	mg/kg	0.051		-	<0.051U	-	-	<0.02U	-	-	<0.0098U	-
	4-methylphenol	mg/kg	0.052		-	<0.052U	-	-	<0.021U	-	-	<0.01U	-
	Acenaphthene	mg/kg	0.02		-	0.016J	-	-	0.015	-	-	0.014	-
	Acenaphthylene	mg/kg	0.015		-	0.15	-	-	0.21	-	-	<0.0015U	-
	Anthracene	mg/kg	0.035		-	0.13	-	-	0.098	-	-	0.0019J	-
	Benz(a)anthracene	mg/kg	0.035		-	0.97	-	-	0.28	-	-	0.0087	-
	Benzo(a) pyrene	mg/kg	0.035		-	0.85	-	-	0.34	-	-	0.011	-
	Benzo(b)fluoranthene	mg/kg	0.035		-	1	-	-	0.45	-	-	0.014	-
	Benzo(g,h,i)perylene	mg/kg	0.035		-	0.71	-	-	0.3	-	-	0.0093	-
	Benzo(k)fluoranthene	mg/kg	0.035		-	0.62	-	-	0.15	-	-	0.0073	-
	Chrysene	mg/kg	0.035		-	0.95	-	-	0.35	-	-	0.012	-
	Dibenz(a,h)anthracene	mg/kg	0.016		-	0.16	-	-	0.057	-	-	0.0016J	-
	Dibenzofuran	mg/kg	0.015		-	0.019J	-	-	0.04J	-	-	0.0035J	-
	Fluoranthene	mg/kg	0.035		-	1.2	-	-	0.31	-	-	0.024	-
	Fluorene	mg/kg	0.014		-	0.025J	-	-	0.017	-	-	0.0045J	-
	Hexachlorobenzene	mg/kg	0.013		-	<0.013U	-	-	<0.0051U	-	-	<0.0025U	-
	Hexachlorobutadiene	mg/kg	0.01		-	<0.01U	-	-	<0.0041U	-	-	<0.002U	-
	Hexachloroethane	mg/kg	0.0091		-	<0.0091U	-	-	<0.0036U	-	-	<0.0018U	-
	Indeno(1,2,3-c,d)pyrene	mg/kg	0.035		-	0.6	-	-	0.24	-	-	0.0071	-
	Naphthalene	mg/kg	0.035		-	0.03J	-	-	0.081	-	-	<0.0013U	-
	Nitrobenzene	mg/kg	0.055		-	<0.065U	-	-	<0.026U	-	-	<0.013U	-
	Pentachlorophenol	mg/kg	0.28		-	<0.28U	-	-	<0.11U	-	-	<0.055U	-
	Phenanthrene	mg/kg	0.035		-	0.23	-	-	0.17	-	-	0.016	-
	Phenol	mg/kg	0.053		-	<0.053U	-	-	<0.021U	-	-	<0.01U	-
	Pyrene	mg/kg	0.035		-	1.2	-	-	0.35	-	-	0.019	-
	Pyridine	mg/kg	0.069		-	<0.095U	-	-	<0.038U	-	-	<0.019U	-

Table 4
Summary of Analytical Results - Non-Haz Waste Characterization

Former Sperry Remington Site - North
Elmira, New York

				Field ID	FHB	FH	W1S307242018 A	W1S307242018 B	W1S307242018 D	W3S107242018 A	W3S107242018 B	W3S107242018 C	W4S108012018A
				Sampled Date	7/19/2018	7/19/2018	7/24/2018	7/24/2018	7/24/2018	7/24/2018	7/24/2018	7/24/2018	8/1/2018
Group	Analyte	Units	EQL	NYS Hazardous Waste									
VOCs	1,1,1-trichloroethane	mg/kg	0.0022		<0.0027U	-	<0.0017U	<0.00074U	-	<0.00035U	<0.0024U	-	<0.0027U
	1,1-dichloroethane	mg/kg	0.0016		<0.0019U	-	<0.0028U	<0.0012U	-	<0.00057U	<0.0018U	-	<0.002U
	1,1-dichloroethene	mg/kg	0.0025		<0.003U	-	<0.0035U	<0.0015U	-	<0.00071U	<0.0028U	-	<0.0031U
	1,2,4-trimethylbenzene	mg/kg	0.0012		<0.0014U	-	<0.0018UJ	<0.00077UJ	-	0.0017J	<0.0013U	-	<0.0015U
	1,2-dichlorobenzene	mg/kg	0.0035		<0.0043U	-	<0.0019UJ	<0.00083UJ	-	<0.00039U	<0.0039U	-	<0.0044U
	1,2-dichloroethane	mg/kg	0.0013		<0.0016U	-	<0.0017U	<0.00072U	-	<0.00034U	<0.0014U	-	<0.0016U
	1,3,5-trimethylbenzene	mg/kg	0.0015		<0.0018U	-	<0.0026UJ	<0.0011UJ	-	0.00065J	<0.0017U	-	<0.0019U
	1,3-dichlorobenzene	mg/kg	0.0014		<0.0017U	-	<0.0032UJ	<0.0013UJ	-	<0.00064U	<0.0016U	-	<0.0017U
	1,4-dichlorobenzene	mg/kg	0.0009		<0.0011U	-	<0.002UJ	<0.00086UJ	-	<0.00041U	<0.00099U	-	<0.0011U
	1,4-Dioxane	mg/kg	0.038		<0.039U	-	<0.089U	<0.038U	-	<0.018U	<0.036U	-	<0.04U
	Methyl Ethyl Ketone	mg/kg	0.0026		<0.0031U	-	<0.0033U	<0.0014U	-	0.0058J	<0.0028U	-	<0.0031U
	Acetone	mg/kg	0.0028		<0.0034U	-	0.1	0.045	-	0.076	0.033	-	<0.0034U
	Benzene	mg/kg	0.0017		<0.0021U	-	0.0029J	0.0012J	-	0.0013J	<0.0019U	-	<0.0021U
	Carbon tetrachloride	mg/kg	0.0029		<0.0035U	-	<0.0029U	<0.0012U	-	<0.00059U	<0.0032U	-	<0.0036U
	Chlorobenzene	mg/kg	0.0014		<0.0017U	-	<0.0018U	<0.00075U	-	<0.00036U	<0.0015U	-	<0.0017U
	Chloroform	mg/kg	0.0019		<0.0023U	-	<0.0025U	<0.0011U	-	<0.00051U	<0.0021U	-	<0.0023U
	cis-1,2-dichloroethene	mg/kg	0.0014		<0.0017U	-	<0.0022U	<0.00093U	-	<0.00045U	<0.0015U	-	<0.0017U
	Dichloromethane	mg/kg	0.0021		<0.0025U	-	<0.0097U	<0.0041U	-	<0.002U	<0.0023U	-	<0.0026U
	Ethylbenzene	mg/kg	0.0019		<0.0023U	-	<0.0024U	<0.001U	-	<0.00049U	<0.0021U	-	<0.0023U
	Methyl-tert-butyl ether	mg/kg	0.0032		<0.0039U	-	<0.0019U	<0.00081U	-	<0.00039U	<0.0036U	-	<0.004U
	n-butylbenzene	mg/kg	0.0033		<0.0041U	-	<0.0026UJ	<0.0011UJ	-	<0.00052U	<0.0037U	-	<0.0041U
	n-propylbenzene	mg/kg	0.0019		<0.0023U	-	<0.0026UJ	<0.0011UJ	-	<0.00053U	<0.0021U	-	<0.0023U
	sec-butylbenzene	mg/kg	0.0021		<0.0026U	-	<0.0028UJ	<0.0012UJ	-	<0.00056U	<0.0024U	-	<0.0026U
	Trichloroethene	mg/kg	0.0013		0.0035J	-	<0.002U	<0.00084U	-	<0.0004U	<0.0015U	-	0.0059
	tert-butylbenzene	mg/kg	0.0016		<0.002U	-	<0.0026UJ	<0.0011UJ	-	<0.00052U	<0.0018U	-	<0.002U
	Tetrachloroethene	mg/kg	0.0018		<0.0021U	-	<0.0019U	<0.00081U	-	<0.00039U	<0.0019U	-	<0.0022U
	Toluene	mg/kg	0.0015		<0.0018U	-	0.0063J	0.0025J	-	0.0034J	<0.0016U	-	<0.0018U
	trans-1,2-dichloroethene	mg/kg	0.0022		<0.0027U	-	<0.0027U	<0.0011U	-	<0.00054U	<0.0025U	-	<0.0027U
	Vinyl chloride	mg/kg	0.0032		<0.0039U	-	<0.0038U	<0.0016U	-	<0.00076U	<0.0036U	-	<0.004U
	Xylene Total	mg/kg	0.0038		<0.0046U	-	<0.0042U	<0.0018U	-	0.0037J	<0.0042U	-	<0.0047U
Metals and Inorganics	Cyanide Total	mg/kg	0.16		-	5.2	-	-	0.69	-	-	<0.28U	-
	Arsenic	mg/kg	1.1		-	7.3	-	-	10	-	-	7.6	-
	Barium	mg/kg	21		-	71	-	-	300	-	-	93	-
	Beryllium	mg/kg	0.43		-	0.28J	-	-	0.28J	-	-	0.44	-
	Cadmium	mg/kg	0.53		-	0.19J	-	-	0.44J	-	-	0.086J	-
	Chromium (III+VI)	mg/kg	0.53		-	13	-	-	170	-	-	12	-
	Copper	mg/kg	2.7		-	85	-	-	86	-	-	23	-
	Lead	mg/kg	1.1		-	64	-	-	170	-	-	12	-
	Manganese	mg/kg	1.6		-	610	-	-	460	-	-	550	-
	Mercury	mg/kg	0.03		-	0.073	-	-	0.12	-	-	0.022J	-
	Nickel	mg/kg	4.3		-	150	-	-	180	-	-	21	-
	Selenium	mg/kg	0.56		-	0.62J	-	-	0.86J	-	-	<0.52U	-
	Silver	mg/kg	0.11		-	<0.11U	-	-	<0.11U	-	-	<0.11U	-
	Zinc	mg/kg	2.1		-	97	-	-	170	-	-	67	-

Notes:

mg/kg - Milligrams per kilogram

J - Estimated value

U - Non-detect

Table 4
Summary of Analytical Results - Non-Haz Waste Characterization

Former Sperry Remington Site - North
Elmira, New York

				Field ID	W4S108012018B	W4S108012018C	W2S108022018A	W2S108022018B	W2S108022018C	P10708022018A	P10708022018B	P10708022018C	B850-RS-C
				Sampled Date	8/1/2018	8/1/2018	8/2/2018	8/2/2018	8/2/2018	8/2/2018	8/2/2018	8/2/2018	8/7/2018
Group	Analyte	Units	EQL	NYS Hazardous Waste									
PCBs	Arochlor 1016	mg/kg	0.0058		-	<0.059U	-	-	6.37I	-	-	<0.0058U	<0.0065U
	Arochlor 1221	mg/kg	0.0095		-	<0.12U	-	-	<0.006U	-	-	<0.012U	<0.013U
	Arochlor 1232	mg/kg	0.0073		-	<0.11U	-	-	<0.012U	-	-	<0.011U	<0.012U
	Arochlor 1242	mg/kg	0.011		-	<0.11U	-	-	<0.011U	-	-	<0.011U	<0.012U
	Arochlor 1248	mg/kg	0.018		-	10	-	-	<0.011U	-	-	2J	2
	Arochlor 1254	mg/kg	0.018		-	2.8	-	-	4.1J	-	-	0.98J	0.7
	Arochlor 1260	mg/kg	0.018		-	0.44	-	-	2J	-	-	0.097J	0.19
	Arochlor 1268	mg/kg	0.0056		-	<0.088U	-	-	0.24J	-	-	<0.0086U	<0.0097U
	Arochlor 1262	mg/kg	0.012		-	<0.13U	-	-	<0.009U	-	-	<0.012U	<0.014U
	Total PCBs	mg/kg		50	-	13.55	-	-	<0.013U	-	-	3.107	2.924
SVOCs	1,4-Dioxane	mg/kg	0.055		-	<0.12U	-	-	<0.023U	-	-	<0.11U	-
	2,4,5-trichlorophenol	mg/kg	0.013		-	<0.026U	-	-	<0.0053U	-	-	<0.025U	-
	2,4,6-trichlorophenol	mg/kg	0.0097		-	<0.02U	-	-	<0.0041U	-	-	<0.019U	-
	2,4-Dinitrotoluene	mg/kg	0.0088		-	<0.018U	-	-	<0.0037U	-	-	<0.018U	-
	2-methylphenol	mg/kg	0.051		-	<0.11U	-	-	<0.021U	-	-	<0.1U	-
	4-methylphenol	mg/kg	0.052		-	<0.11U	-	-	<0.022U	-	-	<0.1U	-
	Acenaphthene	mg/kg	0.02		-	<0.021U	-	-	0.016	-	-	<0.02U	-
	Acenaphthylene	mg/kg	0.015		-	0.019J	-	-	0.077J	-	-	<0.015U	-
	Anthracene	mg/kg	0.035		-	0.027J	-	-	0.086J	-	-	0.023J	-
	Benz(a)anthracene	mg/kg	0.035		-	0.066J	-	-	0.18J	-	-	0.077	-
	Benzo(a) pyrene	mg/kg	0.035		-	0.079	-	-	0.25J	-	-	0.06J	-
	Benzo(b)fluoranthene	mg/kg	0.035		-	0.11	-	-	0.27J	-	-	0.082	-
	Benzo(g,h,i)perylene	mg/kg	0.035		-	0.087	-	-	0.24J	-	-	0.064J	-
	Benzo(k)fluoranthene	mg/kg	0.035		-	0.042J	-	-	0.11J	-	-	0.03J	-
	Chrysene	mg/kg	0.035		-	0.12	-	-	0.22J	-	-	0.1	-
	Dibenz(a,h)anthracene	mg/kg	0.016		-	<0.016U	-	-	0.053J	-	-	<0.016U	-
	Dibenzofuran	mg/kg	0.015		-	0.02J	-	-	0.11J	-	-	<0.015U	-
	Fluoranthene	mg/kg	0.035		-	0.15	-	-	0.34J	-	-	0.093	-
	Fluorene	mg/kg	0.014		-	<0.014U	-	-	0.07I	-	-	<0.014U	-
	Hexachlorobenzene	mg/kg	0.013		-	<0.026U	-	-	<0.0053U	-	-	<0.025U	-
	Hexachlorobutadiene	mg/kg	0.01		-	<0.022U	-	-	<0.0043U	-	-	<0.021U	-
	Hexachloroethane	mg/kg	0.0091		-	<0.019U	-	-	<0.0038U	-	-	<0.018U	-
	Indeno(1,2,3-c,d)pyrene	mg/kg	0.035		-	0.063J	-	-	0.21J	-	-	0.046J	-
	Naphthalene	mg/kg	0.035		-	0.032J	-	-	0.11	-	-	0.026J	-
	Nitrobenzene	mg/kg	0.055		-	<0.14U	-	-	<0.027U	-	-	<0.13U	-
	Pentachlorophenol	mg/kg	0.28		-	<0.59U	-	-	<0.12U	-	-	<0.57U	-
	Phenanthrene	mg/kg	0.035		-	0.12	-	-	0.23J	-	-	0.095	-
	Phenol	mg/kg	0.053		-	<0.11U	-	-	<0.022U	-	-	<0.11U	-
	Pyrene	mg/kg	0.035		-	0.14	-	-	0.45J	-	-	0.12	-
	Pyridine	mg/kg	0.069		-	<0.2U	-	-	-	-	-	<0.19U	-

Table 4
Summary of Analytical Results - Non-Haz Waste Characterization

Former Sperry Remington Site - North
Elmira, New York

				Field ID	W4S108012018B	W4S108012018C	W2S108022018A	W2S108022018B	W2S108022018C	P10708022018A	P10708022018B	P10708022018C	B850-RS-C
				Sampled Date	8/1/2018	8/1/2018	8/2/2018	8/2/2018	8/2/2018	8/2/2018	8/2/2018	8/2/2018	8/7/2018
Group	Analyte	Units	EQL	NYS Hazardous Waste									
VOCs	1,1,1-trichloroethane	mg/kg	0.0022		<0.0026U	-	<0.0029U	<0.003U	-	<0.0028U	<0.0029U	-	-
	1,1-dichloroethane	mg/kg	0.0016		<0.0019U	-	<0.0021U	<0.0021U	-	<0.002U	<0.0021U	-	-
	1,1-dichloroethene	mg/kg	0.0025		<0.0029U	-	<0.0032U	<0.0034U	-	<0.0032U	<0.0033U	-	-
	1,2,4-trimethylbenzene	mg/kg	0.0012		<0.0014U	-	<0.0015U	<0.0016U	-	<0.0015U	<0.0016U	-	-
	1,2-dichlorobenzene	mg/kg	0.0035		<0.0042U	-	<0.0046U	<0.0048U	-	<0.0045U	<0.0047U	-	-
	1,2-dichloroethane	mg/kg	0.0013		<0.0015U	-	<0.0017U	<0.0017U	-	<0.0016U	<0.0017U	-	-
	1,3,5-trimethylbenzene	mg/kg	0.0015		<0.0018U	-	<0.002U	<0.002U	-	<0.0019U	<0.002U	-	-
	1,3-dichlorobenzene	mg/kg	0.0014		<0.0016U	-	<0.0018U	<0.0019U	-	<0.0018U	<0.0019U	-	-
	1,4-dichlorobenzene	mg/kg	0.0009		<0.0011U	-	<0.0012U	<0.0012U	-	<0.0011U	<0.0012U	-	-
	1,4-Dioxane	mg/kg	0.038		<0.038U	-	<0.042U	<0.043U	-	<0.041U	<0.043U	-	-
	Methyl Ethyl Ketone	mg/kg	0.0026		<0.0033U	-	<0.0033U	<0.0034U	-	<0.0032U	<0.0034U	-	-
	Acetone	mg/kg	0.0028		<0.0033U	-	<0.0036U	<0.0037U	-	0.022	0.029	-	-
	Benzene	mg/kg	0.0017		<0.002U	-	<0.0022U	<0.0023U	-	<0.0022U	<0.0023U	-	-
	Carbon tetrachloride	mg/kg	0.0029		<0.0034U	-	<0.0038U	<0.0039U	-	<0.0037U	<0.0039U	-	-
	Chlorobenzene	mg/kg	0.0014		<0.0016U	-	<0.0018U	<0.0019U	-	<0.0018U	<0.0018U	-	-
	Chloroform	mg/kg	0.0019		<0.0022U	-	<0.0024U	<0.0025U	-	<0.0024U	<0.0025U	-	-
	cis-1,2-dichloroethene	mg/kg	0.0014		<0.0016U	-	<0.0018U	<0.0019U	-	<0.0018U	<0.0018U	-	-
	Dichloromethane	mg/kg	0.0021		<0.0024U	-	<0.0027U	<0.0028U	-	<0.0026U	<0.0027U	-	-
	Ethylbenzene	mg/kg	0.0019		<0.0022U	-	<0.0024U	<0.0026U	-	<0.0024U	<0.0025U	-	-
	Methyl-tert-butyl ether	mg/kg	0.0032		<0.0038U	-	<0.0042U	<0.0044U	-	<0.0041U	<0.0043U	-	-
	n-butylbenzene	mg/kg	0.0033		<0.0039U	-	<0.0043U	<0.0045U	-	<0.0042U	<0.0044U	-	-
	n-propylbenzene	mg/kg	0.0019		<0.0022U	-	<0.0024U	<0.0025U	-	<0.0024U	<0.0025U	-	-
	sec-butylbenzene	mg/kg	0.0021		<0.0025U	-	<0.0028U	<0.0029U	-	<0.0027U	<0.0028U	-	-
	Trichloroethene	mg/kg	0.0013		0.0024J	-	0.003J	<0.0018U	-	<0.0017U	0.0017J	-	-
	tert-butylbenzene	mg/kg	0.0016		<0.0019U	-	<0.0021U	<0.0022U	-	<0.002U	<0.0021U	-	-
	Tetrachloroethene	mg/kg	0.0018		<0.0021U	-	<0.0023U	<0.0024U	-	<0.0022U	<0.0023U	-	-
	Toluene	mg/kg	0.0015		<0.0017U	-	<0.0019U	<0.002U	-	<0.0019U	<0.002U	-	-
	trans-1,2-dichloroethene	mg/kg	0.0022		<0.0026U	-	<0.0029U	<0.003U	-	<0.0028U	<0.003U	-	-
	Vinyl chloride	mg/kg	0.0032		<0.0038U	-	<0.0042U	<0.0044U	-	<0.0041U	<0.0043U	-	-
	Xylene Total	mg/kg	0.0038		<0.0045U	-	<0.0049U	<0.0051U	-	<0.0048U	<0.005U	-	-
Metals and Inorganics	Cyanide Total	mg/kg	0.16		-	1.5	-	-	1.1J+	-	-	0.54	-
	Arsenic	mg/kg	1.1		-	12	-	-	8.4	-	-	4.2	-
	Barium	mg/kg	21		-	130F1	-	-	100	-	-	50	-
	Beryllium	mg/kg	0.43		-	0.42J	-	-	0.4J	-	-	0.26J	-
	Cadmium	mg/kg	0.53		-	0.33J	-	-	0.18J	-	-	0.096J	-
	Chromium (III+VI)	mg/kg	0.53		-	19	-	-	19	-	-	10	-
	Copper	mg/kg	2.7		-	92F1,F2	-	-	92J+	-	-	60	-
	Lead	mg/kg	1.1		-	570F2	-	-	100	-	-	38	-
	Manganese	mg/kg	1.6		-	360	-	-	460	-	-	310	-
	Mercury	mg/kg	0.03		-	0.056	-	-	0.061	-	-	0.039	-
	Nickel	mg/kg	4.3		-	57	-	-	77J+	-	-	27	-
	Selenium	mg/kg	0.56		-	0.82J,^	-	-	0.61J	-	-	<0.56U	-
	Silver	mg/kg	0.11		-	<0.11U	-	-	<0.12U	-	-	<0.12U	-
	Zinc	mg/kg	2.1		-	120F1,F2	-	-	110	-	-	70	-

Notes:
mg/kg - Milligrams per kilogram
J - Estimated value
U - Non-detect

TABLE 5
Summary of Analytical Results - Contact Water

Beech and Bonaparte

Former Sperry Remington Site - North Portion
Elmira, New York

Field ID	AS722-07182018-10			
Sampled Date	7/18/2018			
Method Name	ChemName	Units	EQL	Result
PCBs	Arochlor 1016	µg/L	0.19	<0.19U
	Arochlor 1221	µg/L	0.23	<0.23U
	Arochlor 1232	µg/L	0.21	<0.21U
	Arochlor 1242	µg/L	0.37	<0.37U
	Arochlor 1248	µg/L	0.4	2.1
	Arochlor 1254	µg/L	0.4	0.64
	Arochlor 1260	µg/L	0.16	<0.16U
	Arochlor 1268	µg/L	0.18	<0.18U
	Arochlor 1262	µg/L	0.28	<0.28U
Flash Point	Flash Point	oF	1	198
Inorganics	Cyanide Total	mg/L	0.01	0.0087J
Sulphide	Sulphide	mg/L	2.1	<2.1U
pH	pH (Lab)	pH Units	0.1	8HF
Herbicides/ Pesticides	gamma-Chlordane	mg/L	0.0006	<0.0006U
	Endrin	µg/L	0.091	<0.091U
	g-BHC (Lindane)	µg/L	0.048	<0.048U
	Heptachlor	µg/L	0.18	<0.18U
	Heptachlor epoxide	µg/L	0.056	<0.056U
	Methoxychlor	µg/L	0.14	<0.14U
	Toxaphene	mg/L	0.0045	<0.0045U
	2,4,5-TP (Silvex)	mg/L	0.0011	<0.0011U
	Hedonal	mg/L	0.0045	<0.0045U
SVOCs	1,4-dichlorobenzene	µg/L	4.5	<4.5U
	2,4,5-trichlorophenol	µg/L	7.9	<7.9U
	2,4,6-trichlorophenol	µg/L	9.5	<9.5U
	2,4-Dinitrotoluene	µg/L	7.9	<7.9U
	2-methylphenol	µg/L	4	<4U
	4-methylphenol	mg/L	0.0079	<0.0079U
	Hexachlorobenzene	µg/L	5.5	<5.5U
	Hexachlorobutadiene	µg/L	8.4	<8.4U
	Hexachloroethane	µg/L	4	<4U
	Nitrobenzene	µg/L	12	<12U
	Pentachlorophenol	µg/L	7.5	<7.5U
	Pyridine	µg/L	8.2	<8.2U
VOCs	1,1-dichloroethene	µg/L	110	<110U
	1,2-dichloroethane	µg/L	58	<58U
	Methyl Ethyl Ketone	µg/L	120	<120U
	Benzene	µg/L	79	<79U
	Carbon tetrachloride	µg/L	130	<130U
	Chlorobenzene	µg/L	63	<63U
	Chloroform	µg/L	85	<85U
	Trichloroethene	µg/L	60	<60U
	Tetrachloroethene	µg/L	80	<80U
	Vinyl chloride	µg/L	150	<150U
Metals	Arsenic	mg/L	0.041	<0.041U
	Barium	mg/L	2	0.04J
	Cadmium	mg/L	0.0016	<0.0016U
	Chromium (III+VI)	mg/L	0.0078	<0.0078U
	Lead	mg/L	0.029	<0.029U
	Selenium	mg/L	0.036	<0.036U
	Silver	mg/L	0.0085	<0.0085U
	Mercury	mg/L	0.00065	<0.00065U

Notes:

µg/L - Micrograms per liter

mg/L - Milligrams per liter

J - Estimated value

U - Non-detect

TABLE 6
Summary of Analytical Results - On-Site Reuse Material

Former Sperry Remington Site - North Portion
Elmira, New York

				Field ID	PILE 105	PILE 105A	PILE 105B	PILE 105C	PILE 105D	PILE 106	PILE 106A	PILE 106B	PILE 106C	PILE 106D	W1S2	W1S2-A	W1S2-B
				Sampled Date	7/17/2018	7/17/2018	7/17/2018	7/17/2018	7/17/2018	7/19/2018	7/19/2018	7/19/2018	7/19/2018	7/19/2018	7/13/2018	7/13/2018	7/13/2018
Method Type	ChemName	Units	EQL	DER-10 App5 Restricted Residential													
PCBs	Arochlor 1016	mg/kg	0.0057		<0.0057U	-	-	-	-	<0.0059U	-	-	-	-	<0.0059U	-	-
	Arochlor 1221	mg/kg	0.011		<0.011U	-	-	-	-	<0.012U	-	-	-	-	<0.012U	-	-
	Arochlor 1232	mg/kg	0.01		<0.01U	-	-	-	-	<0.011U	-	-	-	-	<0.011U	-	-
	Arochlor 1242	mg/kg	0.011		<0.011U	-	-	-	-	<0.011U	-	-	-	-	<0.011U	-	-
	Arochlor 1248	mg/kg	0.018		3.3J	-	-	-	-	2.3J	-	-	-	-	5.1J	-	-
	Arochlor 1254	mg/kg	0.018		1.4J	-	-	-	-	0.77J	-	-	-	-	2.4J	-	-
	Arochlor 1260	mg/kg	0.018		0.16J	-	-	-	-	0.1J	-	-	-	-	0.31J	-	-
	Arochlor 1268	mg/kg	0.0086		<0.0086U	-	-	-	-	<0.0088U	-	-	-	-	<0.0087U	-	-
	Arochlor 1262	mg/kg	0.012		<0.012U	-	-	-	-	<0.013U	-	-	-	-	<0.013U	-	-
	Total PCBs	mg/kg		1	4.889	-	-	-	-	3.201	-	-	-	-	7.841	-	-
SVOCs	1,4-Dioxane	mg/kg	0.012	0.1	<0.11U	-	-	-	-	<0.28U	-	-	-	-	<0.11U	-	-
	2,4,5-trichlorophenol	mg/kg	0.0027		<0.025U	-	-	-	-	<0.065U	-	-	-	-	<0.026U	-	-
	2,4,6-trichlorophenol	mg/kg	0.0021		<0.019U	-	-	-	-	<0.05U	-	-	-	-	<0.02U	-	-
	2,4-Dinitrotoluene	mg/kg	0.0019		<0.018U	-	-	-	-	<0.045U	-	-	-	-	<0.018U	-	-
	2-methylphenol	mg/kg	0.011	0.33	<0.1U	-	-	-	-	<0.26U	-	-	-	-	<0.1U	-	-
	4-methylphenol	mg/kg	0.011	0.33	<0.1U	-	-	-	-	<0.27U	-	-	-	-	<0.11U	-	-
	Acenaphthene	mg/kg	0.0022	98	0.029J	-	-	-	-	<0.052U	-	-	-	-	<0.021U	-	-
	Acenaphthylene	mg/kg	0.0075	100	0.13	-	-	-	-	0.096J	-	-	-	-	0.086	-	-
	Anthracene	mg/kg	0.0075	100	0.11	-	-	-	-	0.13J	-	-	-	-	0.11J	-	-
	Benz(a)anthracene	mg/kg	0.0075	1	0.29	-	-	-	-	0.41	-	-	-	-	0.26J	-	-
	Benzo(a) pyrene	mg/kg	0.0075	1	0.34	-	-	-	-	0.45	-	-	-	-	0.27J	-	-
	Benzo(b)fluoranthene	mg/kg	0.0075	1	0.41	-	-	-	-	0.6	-	-	-	-	0.29	-	-
	Benzo(g,h,i)perylene	mg/kg	0.0075	100	0.28	-	-	-	-	0.39	-	-	-	-	0.26J	-	-
	Benzo(k)fluoranthene	mg/kg	0.0075	1.7	0.19	-	-	-	-	0.22	-	-	-	-	0.16	-	-
	Chrysene	mg/kg	0.0075	1	0.35	-	-	-	-	0.5	-	-	-	-	0.26J	-	-
	Dibenz(a,h)anthracene	mg/kg	0.0075	0.33	0.055J	-	-	-	-	0.094J	-	-	-	-	0.058J	-	-
	Dibenzofuran	mg/kg	0.037	59	0.015J	-	-	-	-	<0.04U	-	-	-	-	0.035J	-	-
	Fluoranthene	mg/kg	0.0075	100	0.52	-	-	-	-	0.9	-	-	-	-	0.52J	-	-
	Fluorene	mg/kg	0.0075	100	0.026J	-	-	-	-	0.045J	-	-	-	-	0.023J	-	-
	Hexachlorobenzene	mg/kg	0.0027	1.2	<0.025U	-	-	-	-	<0.065U	-	-	-	-	<0.026U	-	-
	Hexachlorobutadiene	mg/kg	0.0022		<0.021U	-	-	-	-	<0.053U	-	-	-	-	<0.021U	-	-
	Hexachloroethane	mg/kg	0.0019		<0.018U	-	-	-	-	<0.047U	-	-	-	-	<0.018U	-	-
	Indeno(1,2,3-c,d)pyrene	mg/kg	0.0075	0.5	0.22	-	-	-	-	0.32	-	-	-	-	0.2J	-	-
	Naphthalene	mg/kg	0.0075	12	0.021J	-	-	-	-	<0.035U	-	-	-	-	0.054J	-	-
	Nitrobenzene	mg/kg	0.014		<0.13U	-	-	-	-	<0.33U	-	-	-	-	<0.13U	-	-
	Pentachlorophenol	mg/kg	0.06	0.8	<0.57U	-	-	-	-	<1.5U	-	-	-	-	<0.58U	-	-
	Phenanthrene	mg/kg	0.0075	100	0.23	-	-	-	-	0.57	-	-	-	-	0.38J	-	-
	Phenol	mg/kg	0.011	0.33	<0.11U	-	-	-	-	<0.28U	-	-	-	-	<0.11U	-	-
	Pyrene	mg/kg	0.0075	100	0.47	-	-	-	-	0.74	-	-	-	-	0.45J	-	-
	Pyridine	mg/kg	0.02		<0.19U	-	-	-	-	<0.49U	-	-	-	-	-	-	-

TABLE 6
Summary of Analytical Results - On-Site Reuse Material

Former Sperry Remington Site - North Portion
Elmira, New York

				Field ID	PILE 105	PILE 105A	PILE 105B	PILE 105C	PILE 105D	PILE 106	PILE 106A	PILE 106B	PILE 106C	PILE 106D	W1S2	W1S2-A	W1S2-B
				Sampled Date	7/17/2018	7/17/2018	7/17/2018	7/17/2018	7/17/2018	7/19/2018	7/19/2018	7/19/2018	7/19/2018	7/19/2018	7/13/2018	7/13/2018	7/13/2018
Method Type	ChemName	Units	EQL	DER-10 App5 Restricted Residential													
VOCs	1,1,1-trichloroethane	mg/kg	0.0024	0.68	-	<0.0026U	<0.0027U	<0.0027U	<0.0029U	-	<0.0026U	<0.0026U	<0.0027U	<0.0026U	-	<0.0027U	<0.0024U
	1,1-dichloroethane	mg/kg	0.0017	0.27	-	<0.0019U	<0.0019U	<0.0019U	<0.0021U	-	<0.0019U	<0.0019U	<0.0019U	<0.0019U	-	<0.0019U	<0.0017U
	1,1-dichloroethene	mg/kg	0.0027	0.33	-	<0.0029U	<0.0031U	<0.0031U	<0.0033U	-	<0.003U	<0.0029U	<0.003U	<0.0029U	-	<0.003U	<0.0027U
	1,2,4-trimethylbenzene	mg/kg	0.0013	3.6	-	<0.0014U	<0.0015U	<0.0015U	<0.0016U	-	<0.0014U	<0.0014U	<0.0014U	<0.0014U	-	<0.0014U	<0.0013U
	1,2-dichlorobenzene	mg/kg	0.0039	1.1	-	<0.0041U	<0.0043U	<0.0043U	<0.0047U	-	<0.0042U	<0.0041U	<0.0043U	<0.0041U	-	<0.0043U	<0.0039U
	1,2-dichloroethane	mg/kg	0.0014	0.02	-	<0.0015U	<0.0016U	<0.0016U	<0.0017U	-	<0.0015U	<0.0015U	<0.0015U	<0.0015U	-	<0.0015U	<0.0014U
	1,3,5-trimethylbenzene	mg/kg	0.0017	8.4	-	<0.0018U	<0.0019U	<0.0019U	<0.002U	-	<0.0018U	<0.0018U	<0.0018U	<0.0018U	-	<0.0018U	<0.0017U
	1,3-dichlorobenzene	mg/kg	0.0015	2.4	-	<0.0016U	<0.0017U	<0.0017U	<0.0019U	-	<0.0017U	<0.0016U	<0.0017U	<0.0016U	-	<0.0017U	<0.0015U
	1,4-dichlorobenzene	mg/kg	0.00098	1.8	-	<0.001U	<0.0011U	<0.0011U	<0.0012U	-	<0.0011U	<0.001U	<0.0011U	<0.001U	-	<0.0011U	<0.00098U
	1,4-Dioxane	mg/kg	0.035	0.1	-	<0.037U	<0.039U	<0.039U	<0.043U	-	<0.039U	<0.038U	<0.039U	<0.038U	-	<0.039U	<0.035U
	Methyl Ethyl Ketone	mg/kg	0.0028	0.12	-	<0.003U	<0.0031U	<0.0031U	<0.0034U	-	<0.0031U	<0.003U	<0.0031U	<0.003U	-	<0.0031U	<0.0028U
	Acetone	mg/kg	0.003	0.05	-	<0.0032U	0.0035J	<0.0034U	<0.0037U	-	<0.0033U	<0.0032U	<0.0034U	0.0054J	-	0.0035J	<0.003U
	Benzene	mg/kg	0.0019	0.06	-	<0.002U	<0.0021U	<0.0021U	<0.0023U	-	<0.0021U	<0.002U	<0.0021U	<0.002U	-	<0.0021U	<0.0019U
	Carbon tetrachloride	mg/kg	0.0032	0.76	-	<0.0034U	<0.0036U	<0.0036U	<0.0039U	-	<0.0035U	<0.0034U	<0.0035U	<0.0034U	-	<0.0035U	<0.0032U
	Chlorobenzene	mg/kg	0.0015	1.1	-	<0.0016U	<0.0017U	<0.0017U	<0.0018U	-	<0.0017U	<0.0016U	<0.0017U	<0.0016U	-	<0.0017U	<0.0015U
	Chloroform	mg/kg	0.002	0.37	-	<0.0022U	<0.0023U	<0.0023U	<0.0025U	-	<0.0022U	<0.0022U	<0.0023U	<0.0022U	-	<0.0022U	<0.002U
	cis-1,2-dichloroethene	mg/kg	0.0015	0.25	-	<0.0016U	<0.0017U	<0.0017U	<0.0018U	-	<0.0017U	<0.0016U	<0.0017U	<0.0016U	-	<0.0017U	<0.0015U
	Dichloromethane	mg/kg	0.0023	0.05	-	<0.0024U	<0.0025U	<0.0025U	<0.0027U	-	<0.0025U	<0.0024U	<0.0025U	<0.0024U	-	<0.0025U	<0.0023U
	Ethylbenzene	mg/kg	0.0021	1	-	<0.0022U	<0.0023U	<0.0023U	<0.0025U	-	<0.0023U	<0.0022U	<0.0023U	<0.0022U	-	<0.0023U	<0.0021U
	Methyl-tert-butyl ether	mg/kg	0.0036	0.93	-	<0.0038U	<0.004U	<0.004U	<0.0043U	-	<0.0039U	<0.0038U	<0.0039U	<0.0038U	-	<0.0039U	<0.0036U
	n-butylbenzene	mg/kg	0.0037	12	-	<0.0039U	<0.0041U	<0.0041U	<0.0044U	-	<0.004U	<0.0039U	<0.004U	<0.0039U	-	<0.004U	<0.0037U
	n-propylbenzene	mg/kg	0.002	3.9	-	<0.0022U	<0.0023U	<0.0023U	<0.0025U	-	<0.0022U	<0.0022U	<0.0022U	<0.0022U	-	<0.0022U	<0.002U
	sec-butylbenzene	mg/kg	0.0024	11	-	<0.0025U	<0.0026U	<0.0026U	<0.0028U	-	<0.0026U	<0.0025U	<0.0026U	<0.0025U	-	<0.0026U	<0.0024U
	Trichloroethene	mg/kg	0.0014	0.47	-	<0.0015U	<0.0016U	<0.0016U	<0.0017U	-	<0.0016U	<0.0015U	<0.0016U	<0.0015U	-	<0.0016U	<0.0014U
	tert-butylbenzene	mg/kg	0.0018	5.9	-	<0.0019U	<0.002U	<0.002U	<0.0021U	-	<0.0019U	<0.0019U	<0.0019U	<0.0019U	-	<0.0019U	<0.0018U
	Tetrachloroethene	mg/kg	0.0019	1.3	-	<0.002U	<0.0022U	<0.0022U	<0.0023U	-	<0.0021U	<0.0021U	<0.0021U	<0.0021U	-	0.0026J	<0.0019U
	Toluene	mg/kg	0.0016	0.7	-	<0.0017U	<0.0018U	<0.0018U	<0.002U	-	<0.0018U	<0.0017U	<0.0018U	<0.0017U	-	<0.0018U	<0.0016U
	trans-1,2-dichloroethene	mg/kg	0.0024	0.19	-	<0.0026U	<0.0027U	<0.0027U	<0.0029U	-	<0.0027U	<0.0026U	<0.0027U	<0.0026U	-	<0.0027U	<0.0024U
	Vinyl chloride	mg/kg	0.0035	0.02	-	<0.0038U	<0.0039U	<0.0039U	<0.0043U	-	<0.0039U	<0.0038U	<0.0039U	<0.0038U	-	<0.0039U	<0.0035U
	Xylene Total	mg/kg	0.0041	1.6	-	<0.0044U	<0.0046U	<0.0046U	<0.005U	-	<0.0045U	<0.0044U	<0.0046U	<0.0044U	-	<0.0046U	<0.0041U
Metals and Inorganics	Cyanide Total	mg/kg	0.28	27	<0.28U	-	-	-	-	<0.29U	-	-	-	-	<0.29U	-	-
	Arsenic	mg/kg	1	16	5.7	-	-	-	-	3.5	-	-	-	-	8.8	-	-
	Barium	mg/kg	21	400	48	-	-	-	-	39	-	-	-	-	90	-	-
	Beryllium	mg/kg	0.42	47	0.25J	-	-	-	-	0.25J	-	-	-	-	0.42	-	-
	Cadmium	mg/kg	0.043	4.3	0.16J	-	-	-	-	0.21J	-	-	-	-	0.2J	-	-
	Chromium (III+VI)	mg/kg	0.52	19	8.2J	-	-	-	-	8.2	-	-	-	-	12	-	-
	Copper	mg/kg	2.6	270	47J	-	-	-	-	27J+	-	-	-	-	37	-	-
	Lead	mg/kg	1	400	30	-	-	-	-	16	-	-	-	-	32	-	-
	Manganese	mg/kg	1.6	2000	300	-	-	-	-	420	-	-	-	-	450=	-	-
	Mercury	mg/kg	0.03	0.73	0.034	-	-	-	-	0.044	-	-	-	-	0.032J	-	-
	Nickel	mg/kg	4.2	130	20	-	-	-	-	15	-	-	-	-	28	-	-
	Selenium	mg/kg	0.54	4	<0.57U	-	-	-	-	<0.56U	-	-	-	-	<0.54U	-	-
	Silver	mg/kg	0.11	8.3	<0.12U	-	-	-	-	<0.12U	-	-	-	-	<0.11U	-	-
	Zinc	mg/kg	2.1	2480	70J-	-	-	-	-	110J	-	-	-	-	77J-	-	-

Notes:

- mg/kg - milligrams per kilogram
- J - estimated value
- U - non-detect
- Concentrations that exceed restricted reuse criteria

TABLE 7A
Summary of Analytical Results - Surface End Points

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	Arochlor-unspecified
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					0.0013	0.0017	0.0011	0.0014	0.00082	0.0012	0.0012	0.00082	0.0014	
Surface Soil Criteria														1
NYS Hazardous Material														50
LocCode	Sampled Date	Sample Depth Range	Performance Type	Category										
SSHS-E-2-2	8/3/2018	1.4-1.4	Sidewall	Non-Hazardous	<0.0062U	<0.012U	<0.011U	<0.011U	0.2J	0.25J	0.064J	<0.0093U	<0.013U	0.5453
SSHS-E-3-1	8/3/2018	0.1-0.1	Sidewall	Non-Hazardous	<0.0059U	<0.012U	<0.011U	<0.011U	0.065J	0.099J	0.027J	<0.0088U	<0.013U	0.2219
SSHS-B102	8/3/2015	0-2	Sidewall	Non-Hazardous	<0.0035U	<0.0043U	<0.006U	<0.0044U	2.3J	1.5J	0.22J	<0.0035U	<0.0064U	4.02
SSHS-B1033	5/23/2018	0-2	Sidewall	Non-Hazardous	<0.0069U	<0.014U	<0.013U	<0.013U	0.77	0.4	0.04	<0.01U	<0.015U	1.246
SSHS-B1063	6/19/2018	0-2	Sidewall	Non-Hazardous	<0.0029U	<0.0029U	<0.0029U	<0.0029U	0.0081J	<0.0029U	<0.0029U	<0.0029U	<0.0029U	0.0197
SSHS-B1064	6/23/2018	0-2	Sidewall	TSCA	<0.0029U	<0.0029U	<0.0029U	<0.0029U	<0.0029U	<0.0029U	<0.0029U	<0.0029U	<0.0029U	<0.0261
SSHS-B1065	6/27/2018	0-2	Sidewall	Non-Hazardous	<0.0031U	<0.0031U	<0.0031U	<0.0031U	0.11J	0.07J	0.04J	<0.0031U	<0.0031U	0.2293
SSHS-B1065	7/27/2018	0-2	Sidewall	Non-Hazardous	<0.0066U	<0.013U	<0.012U	<0.012U	0.032J	0.024J	0.01J	<0.0099U	<0.014U	0.09975
SSHS-B1066	6/27/2018	0-2	Sidewall	Non-Hazardous	<0.14U	<0.14U	<0.14U	<0.14U	4.5J	2.4J	0.51J	<0.14U	<0.14U	7.83
SSHS-B1066	7/27/2018	0-2	Sidewall	Non-Hazardous	<0.0071U	<0.014U	<0.013U	<0.013U	2.3J	0.9J	0.15J	<0.011U	<0.015U	3.387
SSHS-B1067	6/26/2018	0-2	Sidewall	Non-Hazardous	<0.016U	<0.016U	<0.016U	<0.016U	0.65J	0.38J	0.078J	<0.016U	<0.016U	1.156
SSHS-B1069	6/26/2018	0-2	Sidewall	TSCA	<0.0029U	<0.0029U	<0.0029U	<0.0029U	0.018J	0.0086J	<0.0029U	<0.0029U	<0.0029U	0.03675
SSHS-B1070	6/24/2018	0-2	Sidewall	TSCA	<0.029UJ	<0.029UJ	<0.029UJ	<0.029UJ	1.4J	0.59J	0.1J	<0.029UJ	<0.029UJ	2.177
SSHS-B1071	6/23/2018	0-2	Sidewall	Non-Hazardous	<0.0028U	<0.0028U	<0.0028U	<0.0028U	<0.0028U	<0.0028U	<0.0028U	<0.0028U	<0.0028U	<0.0252
SSHS-B107	7/22/2015	0-2	Sidewall	TSCA	<0.004U	<0.005U	<0.0068U	<0.005U	3.9J	1.4J	0.17J	<0.004U	<0.0073U	5.47
SSHS-B108	7/22/2015	0-2	Sidewall	TSCA	<0.0041U	<0.005U	<0.0069U	<0.0051U	0.71J	0.34J	0.085J	<0.004U	<0.0074U	1.135
SSHS-B11SS	6/10/2008	0-2.5	Sidewall	Non-Hazardous	-	-	-	-	14	-	-	-	-	14
SSHS-B111	7/21/2015	0-2	Sidewall	TSCA	<0.0034U	<0.0042U	<0.0058U	<0.0043U	0.068J	0.019J	0.0049J	<0.0034U	<0.0062U	0.0919
SSHS-B112	7/22/2015	0-2	Sidewall	TSCA	<0.0035U	<0.0043U	<0.006U	<0.0044U	0.0083J	<0.0041U	<0.0038U	<0.0035U	<0.0064U	0.0083
SSHS-B117	7/20/2015	0-2	Sidewall	TSCA	<0.075U	<0.093U	<0.13U	<0.093U	31J	9.9J	1.6J	<0.074U	<0.14U	42.5
SSHS-B1188	6/27/2018	0-2	Sidewall	Non-Hazardous	<0.0044U	<0.0044U	<0.0044U	<0.0044U	0.079J	0.05J	0.015J	<0.0044U	<0.0044U	0.1572
SSHS-B1188	7/27/2018	0-2	Sidewall	Non-Hazardous	<0.0065U	<0.013U	<0.012U	<0.012U	0.054J	0.045J	0.014J	<0.0097U	<0.014U	0.1466
SSHS-B1189	6/16/2018	0-2	Sidewall	Non-Hazardous	<0.0032U	<0.0032U	<0.0032U	<0.0032U	0.012J	<0.0032U	<0.0032U	<0.0032U	<0.0032U	0.0248
SSHS-B1190	6/19/2018	0-2	Sidewall	Non-Hazardous	<0.15U	<0.15U	<0.15U	<0.15U	6.7	<0.15U	<0.15U	<0.15U	<0.15U	7.3
SSHS-B1191	6/19/2018	0-2	Sidewall	TSCA	<0.89U	<0.89U	<0.89U	<0.89U	26	<0.89U	<0.89U	<0.89U	<0.89U	29.56
SSHS-B1192	6/26/2018	0-2	Sidewall	Non-Hazardous	<0.059U	<0.059U	<0.059U	<0.059U	2.6J	0.96J	0.16J	<0.059U	<0.059U	3.897
SSHS-B1193	6/25/2018	0-2	Sidewall	Non-Hazardous	<0.012UJ	<0.012UJ	<0.012UJ	<0.012UJ	0.44J	0.19J	0.024J	<0.012UJ	<0.012UJ	0.69
SSHS-B1194	6/23/2018	0-2	Sidewall	Non-Hazardous	<0.029U	<0.029U	<0.029U	<0.029U	2J	0.75J	0.086J	<0.029U	<0.029U	2.923
SSHS-B1195	6/26/2018	0-2	Sidewall	TSCA	<0.7U	<0.7U	<0.7U	<0.7U	26J	9.5J	1.7J	<0.7U	<0.7U	39.3
SSHS-B1196	6/16/2018	0-2	Sidewall	Non-Hazardous	<0.0032U	<0.0032U	<0.0032U	<0.0032U	0.0079J	<0.0032U	<0.0032U	<0.0032U	<0.0032U	0.0207
SSHS-B119	7/21/2015	0-2	Sidewall	TSCA	<0.071U	<0.087U	<0.12U	<0.088U	30J	11J	1J	<0.07U	<0.13U	42
SSHS-B121	7/24/2015	0-2	Sidewall	TSCA	<0.0037U	<0.0046U	<0.0063U	<0.0046U	2.9J	0.98J	0.11J	<0.0037U	<0.0067U	3.99
SSHS-B122	7/22/2015	0-2	Sidewall	Non-Hazardous	<0.0035U	<0.0043U	<0.006U	<0.0044U	0.02J	0.0047J	<0.0038U	<0.0035U	<0.0064U	0.0247
SSHS-B124	8/3/2015	0-2	Sidewall	Non-Hazardous	<0.0035U	<0.0043U	<0.0059U	<0.0043U	1.2J	0.65J	0.043J	<0.0035U	<0.0063U	1.893
SSHS-B1260	8/3/2018	0-2	Sidewall	Non-Hazardous	<0.0061U	<0.012U	<0.011U	<0.011U	0.033J	0.056J	0.018J	<0.0092U	<0.013U	0.1382
SSHS-B1261	8/3/2018	0-2	Sidewall	Non-Hazardous	<0.0061U	<0.012U	<0.011U	<0.011U	1.9J	0.85J	0.18J	<0.0091U	<0.013U	2.961
SSHS-B127	7/31/2015	0-2	Sidewall	TSCA	<0.035U	<0.043U	<0.06U	<0.044U	11J	5J	0.78J	<0.035U	<0.064U	16.78

TABLE 7A
Summary of Analytical Results - Surface End Points

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	Arochlor-unspecified
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					0.0013	0.0017	0.0011	0.0014	0.00082	0.0012	0.0012	0.00082	0.0014	
Surface Soil Criteria														1
NYS Hazardous Material														50
LocCode	Sampled Date	Sample Depth Range	Performance Type	Category										
SSHS-B1282	8/3/2018	0-2	Sidewall	Non-Hazardous	<0.0061U	<0.012U	<0.011U	<0.011U	0.83J	0.61J	0.12J	<0.0091U	<0.013U	1.591
SSHS-B130	7/21/2015	0-2	Sidewall	TSCA	<0.036U	<0.045U	<0.062U	<0.045U	18J	6J	0.96J	<0.036U	<0.066U	24.96
SSHS-B131	7/24/2015	0-2	Sidewall	Non-Hazardous	<0.0037U	<0.0046U	<0.0063U	<0.0046U	0.65J	0.25J	0.043J	<0.0037U	<0.0067U	0.943
SSHS-B132	7/22/2015	0-2	Sidewall	Non-Hazardous	<0.0036U	<0.0044U	<0.0061U	<0.0044U	0.56J	0.22J	0.033J	<0.0035U	<0.0065U	0.813
SSHS-B140	7/31/2015	0-2	Sidewall	Non-Hazardous	<0.0036U	<0.0044U	<0.0061U	<0.0045U	1.4J	0.64J	0.14J	<0.0035U	<0.0065U	2.18
SSHS-B142	7/21/2015	0-2	Sidewall	TSCA	<0.073U	<0.089U	<0.12U	<0.09U	15J	6.1J	0.81J	<0.072U	<0.13U	21.91
SSHS-B143	7/21/2015	0-1	Sidewall	TSCA	<0.0034U	<0.0042U	<0.0058U	<0.0043U	0.54J	0.2J	0.027J	<0.0034U	<0.0062U	0.767
SSHS-B145	7/24/2015	0-2	Sidewall	TSCA	<0.0036U	<0.0045U	<0.0062U	<0.0045U	2.1J	0.89J	0.11J	<0.0036U	<0.0066U	3.1
SSHS-B146	7/22/2015	0-2	Sidewall	Non-Hazardous	<0.0035U	<0.0043U	<0.0059U	<0.0043U	0.0075J	<0.0041U	<0.0038U	<0.0035U	<0.0063U	0.0075
SSHS-B147	7/23/2015	0-2	Sidewall	TSCA	<0.0036U	<0.0045U	<0.0062U	<0.0045U	0.66J	0.24J	0.031J	<0.0036U	<0.0066U	0.931
SSHS-B148	8/3/2015	0-2	Sidewall	Non-Hazardous	<0.0034U	<0.0042U	<0.0058U	<0.0043U	<0.0042U	<0.004U	<0.0037U	<0.0034U	<0.0062U	<0
SSHS-B149	7/21/2015	0-2	Sidewall	Non-Hazardous	<0.0036U	<0.0044U	<0.0061U	<0.0044U	0.17J	0.097J	0.015J	<0.0035U	<0.0065U	0.282
SSHS-B157	7/31/2015	0-2	Sidewall	TSCA	<0.018U	<0.022U	<0.03U	<0.022U	9.8J	4.4J	0.73J	<0.018U	<0.032U	14.93
SSHS-B158	7/21/2015	0-2	Sidewall	TSCA	<0.0035U	<0.0043U	<0.0059U	<0.0043U	0.29J	0.12J	0.029J	<0.0034U	<0.0063U	0.439
SSHS-B160	7/21/2015	0-1.5	Sidewall	TSCA	<0.069U	<0.085U	<0.12U	<0.086U	15J	7.4J	0.91J	<0.068U	<0.13U	23.31
SSHS-B161	8/3/2015	0-2	Sidewall	TSCA	<0.071U	<0.087U	<0.12U	<0.088U	15J	6.3J	0.58J	<0.07U	<0.13U	21.88
SSHS-B162	8/3/2015	0-2	Sidewall	Non-Hazardous	<0.0035U	<0.0042U	<0.0059U	<0.0043U	1J	0.38J	0.021J	<0.0034U	<0.0063U	1.401
SSHS-B372	3/8/2016	0-2	Sidewall	TSCA	<0.081U	<0.13U	<0.044U	<0.065U	20J	4.4J	1.1J	<0.033U	<0.055U	25.5
SSHS-B374	3/10/2016	0-2	Sidewall	Non-Hazardous	<0.0077U	<0.012U	<0.0042U	<0.0062U	0.013J	<0.0062U	<0.0058U	<0.0031U	<0.0052U	0.013
SSHS-B375	3/8/2016	0-2	Sidewall	Non-Hazardous	<0.0077U	<0.012U	<0.0042U	<0.0062U	<0.0039U	<0.0062U	<0.0057U	<0.0031U	<0.0052U	<0
SSHS-B380	3/7/2016	0-2	Sidewall	Non-Hazardous	<0.0083U	<0.013U	<0.0045U	<0.0067U	0.88J	0.47J	0.071J	<0.0034U	<0.0056U	1.421
SSHS-B381	3/9/2016	0-2	Sidewall	Non-Hazardous	<0.008U	<0.013U	<0.0044U	<0.0064U	0.28J	0.12J	0.028J	<0.0033U	<0.0054U	0.428
SSHS-B382	3/9/2016	0-2	Sidewall	TSCA	<0.0091U	<0.014U	<0.005U	<0.0073U	0.0094J	0.011J	<0.0068U	<0.0037U	<0.0062U	0.0204
SSHS-B383	3/10/2016	0-2	Sidewall	Non-Hazardous	<0.0096U	<0.015U	<0.0052U	<0.0077U	0.058J	0.035J	0.011J	<0.0039U	<0.0065U	0.104
SSHS-B386	3/8/2016	0-2	Sidewall	Non-Hazardous	<0.008U	<0.013U	<0.0044U	<0.0064U	2.2J	1J	0.2J	<0.0033U	<0.0054U	3.4
SSHS-B521	9/2/2016	0-2	Sidewall	Non-Hazardous	<0.0082U	<0.013U	<0.0045U	<0.0066U	0.12J	0.079J	0.012J	<0.0033U	<0.0056U	0.2316
SSHS-B523	9/23/2016	0-2	Sidewall	Non-Hazardous	<0.0079U	<0.013U	<0.0043U	<0.0064U	0.052J	0.022J	0.011J	<0.0032U	<0.0054U	0.1051
SSHS-B524	9/23/2016	0-2	Sidewall	Non-Hazardous	<0.008U	<0.013U	<0.0044U	<0.0065U	0.32J	0.085J	0.014J	<0.0033U	<0.0054U	0.4393
SSHS-B525	9/16/2016	0-2	Sidewall	Non-Hazardous	<0.0079U	<0.013U	<0.0043U	<0.0064U	0.027J	0.0085J	<0.0059U	<0.0032U	<0.0054U	0.05855
SSHS-B526	9/16/2016	0-2	Sidewall	TSCA	<0.0079U	<0.013U	<0.0043U	<0.0064U	3.6J	0.97J	0.25J	<0.0032U	<0.0054U	4.84
SSHS-B528	9/16/2016	0-2	Sidewall	TSCA	<0.08U	<0.13U	<0.044U	<0.065U	8J	2.5J	0.45J	<0.033U	<0.054U	11.15
SSHS-B529	9/16/2016	0-2	Sidewall	Non-Hazardous	<0.0082U	<0.013U	<0.0045U	<0.0066U	4J	1.2J	0.24J	<0.0033U	<0.0055U	5.461
SSHS-B531	9/16/2016	0-2	Sidewall	Non-Hazardous	<0.008U	<0.013U	<0.0044U	<0.0064U	0.15J	0.065J	0.019J	<0.0033U	<0.0054U	0.2543
SSHS-B69	8/14/2014	0.17-2	Sidewall	TSCA	<0.0027U	<0.0034U	<0.0031U	<0.0029U	0.52	<0.0026U	0.051	<0.0023U	<0.0039U	0.571
SSHS-B828	1/14/2018	0-2	Sidewall	Non-Hazardous	<0.006U	<0.012U	<0.011U	<0.011U	2.8J	0.89J	0.24J	<0.0089U	<0.013U	3.961
SSHS-B829	1/10/2018	0-2	Sidewall	Non-Hazardous	<0.0055U	<0.011U	<0.01U	<0.01U	<0.013U	<0.012U	<0.0048U	<0.0082U	<0.012U	<0.0865
SSHS-B830	1/11/2018	0-2	Sidewall	TSCA	<0.29U	<0.59U	<0.54U	<0.54U	36J	9.9J	2.2J	<0.44U	<0.63U	49.62

TABLE 7A
Summary of Analytical Results - Surface End Points

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	Arochlor-unspecified
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					0.0013	0.0017	0.0011	0.0014	0.00082	0.0012	0.0012	0.00082	0.0014	
Surface Soil Criteria														1
NYS Hazardous Material														50
LocCode	Sampled Date	Sample Depth Range	Performance Type	Category										
SSHS-B831	1/10/2018	0-2	Sidewall	Non-Hazardous	<0.0057U	<0.011U	<0.01U	<0.01U	0.37J	0.12J	0.027J	<0.0085U	<0.012U	0.5456
SSHS-B832	1/10/2018	0-2	Sidewall	TSCA	<0.0059U	<0.012U	<0.011U	<0.011U	<0.014U	<0.012U	<0.0051U	<0.0088U	<0.013U	<0.0928
SSHS-B835	1/9/2018	0-2	Sidewall	TSCA	<0.0057U	<0.011U	<0.01U	<0.01U	5.1J	1.7J	0.36J	<0.0085U	<0.012U	7.189
SSHS-B837	1/20/2018	0-2	Sidewall	TSCA	<0.24U	<0.47U	<0.43U	<0.44U	12J	4.9J	0.6J	<0.35U	<0.51U	18.72
SSHS-B838	1/9/2018	0-2	Sidewall	TSCA	<0.0056U	<0.011U	<0.01U	<0.01U	0.064J	0.027J	<0.0049U	<0.0084U	<0.012U	0.122
SSHS-B839	1/18/2018	0-2	Sidewall	TSCA	<0.029U	<0.059U	<0.054U	<0.054U	13J	3.7J	0.81J	<0.044U	<0.063U	17.66
SSHS-B847	1/20/2018	0-2	Sidewall	TSCA	<0.12U	<0.24U	<0.22U	<0.22U	16J	6.4J	0.85J	<0.18U	<0.26U	23.87
SSHS-B850	1/18/2018	0-2	Sidewall	TSCA	<0.0057U	<0.011U	<0.01U	<0.01U	0.25J	0.099J	0.017J	<0.0085U	<0.012U	0.3946
SSHS-B851	1/18/2018	0-2	Sidewall	TSCA	<0.061U	<0.12U	<0.11U	<0.11U	8.9J	3.1J	0.34J	<0.091U	<0.13U	12.65
SSHS-B852	1/19/2018	0-2	Sidewall	TSCA	<0.058U	<0.12U	<0.11U	<0.11U	3.9J	1.5J	0.19J	<0.087U	<0.13U	5.898
SSHS-B853	1/8/2018	0-2	Sidewall	Non-Hazardous	<0.0057U	<0.011U	<0.01U	<0.011U	1.4J	0.5J	0.11J	<0.0085U	<0.012U	2.039
SSHS-B854	1/9/2018	0-2	Sidewall	Non-Hazardous	<0.0055U	<0.011U	<0.0099U	<0.01U	<0.013U	<0.011U	<0.0048U	<0.0081U	<0.012U	<0.0853
SSHS-B855	1/10/2018	0-2	Sidewall	TSCA	<0.057U	<0.11U	<0.11U	<0.11U	10J	3.6J	0.74J	<0.085U	<0.12U	14.63
SSHS-B856	1/17/2018	0-2	Sidewall	TSCA	<0.0058U	<0.012U	<0.011U	<0.011U	0.057J	0.019J	<0.0051U	<0.0087U	<0.013U	0.1093
SSHS-B857	1/20/2018	0-2	Sidewall	TSCA	<0.0058U	<0.011U	<0.01U	<0.011U	0.11J	0.045J	0.0089J	<0.0086U	<0.012U	0.1931
SSHS-B858	1/14/2018	0-2	Sidewall	Non-Hazardous	<0.006U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0052U	<0.0089U	<0.013U	<0.0951
SSHS-B859	1/14/2018	0-2	Sidewall	Non-Hazardous	<0.006U	<0.012U	<0.011U	<0.011U	0.15J	0.05J	0.011J	<0.009U	<0.013U	0.242
SSHS-B860	1/14/2018	0-2	Sidewall	Non-Hazardous	<0.0058U	<0.012U	<0.011U	<0.011U	<0.014U	<0.012U	<0.0051U	<0.0087U	<0.013U	<0.0926
SSHS-B861	1/11/2018	0-2	Sidewall	Non-Hazardous	<0.006U	<0.012U	<0.011U	<0.011U	0.023p	<0.013U	<0.0052U	<0.0089U	<0.013U	0.06305
SSHS-B877	1/18/2018	0-2	Sidewall	TSCA	<0.0057U	<0.011U	<0.01U	<0.01U	1.4J	0.49J	0.081J	<0.0085U	<0.012U	2
SSHS-B881	1/22/2018	0-2	Sidewall	TSCA	<0.074U	<0.15U	<0.13U	<0.14U	26J	9.6J	2.4J	<0.11U	<0.16U	38.38
SSHS-B888	1/22/2018	0-2	Sidewall	TSCA	<0.061U	<0.12U	<0.11U	<0.11U	10J	3.9J	0.62J	<0.091U	<0.13U	14.83
SSHS-B892	1/17/2018	0-2	Sidewall	TSCA	<0.06U	<0.12U	<0.11U	<0.11U	15J	6J	1.1J	<0.089U	<0.13U	22.41
SSHS-B893	1/19/2018	0-2	Sidewall	TSCA	<0.06U	<0.12U	<0.11U	<0.11U	23J	7.6J	0.9J	<0.09U	<0.13U	31.81
SSHS-B900	1/14/2018	0-2	Sidewall	Non-Hazardous	<0.033U	<0.066U	<0.06U	<0.061U	6J	2.7J	0.47J	<0.049U	<0.071U	9.34
SSHS-B901	1/11/2018	0-2	Sidewall	Non-Hazardous	<0.0068U	<0.013U	<0.012U	<0.012U	0.72J	0.4J	0.14J	<0.01U	<0.015U	1.294
SSHS-B902	1/10/2018	0-2	Sidewall	Non-Hazardous	<0.0067U	<0.013U	<0.012U	<0.012U	0.17J	0.12J	0.063J	<0.01U	<0.015U	0.3874
SSHS-B903	1/12/2018	0-2	Sidewall	Non-Hazardous	<0.0067U	<0.013U	<0.012U	<0.012U	0.22J	0.11J	0.042J	<0.01U	<0.015U	0.4064
SSHS-B904	1/9/2018	0-2	Sidewall	TSCA	<0.057U	<0.11U	<0.1U	<0.11U	21J	6.6J	1.4J	<0.086U	<0.12U	29.29
SSHS-B905	1/17/2018	0-2	Sidewall	TSCA	<0.029U	<0.059U	<0.054U	<0.054U	8J	2.4J	0.49J	<0.044U	<0.064U	11.04
SSHS-B908	1/22/2018	0-2	Sidewall	Non-Hazardous	<0.07U	<0.14U	<0.13U	<0.13U	3.6J	2J	0.37J	<0.1U	<0.15U	6.33
SSHS-B920	1/16/2018	0-2	Sidewall	TSCA	<0.0055U	<0.011U	<0.01U	<0.01U	0.23J	0.069J	0.017J	<0.0083U	<0.012U	0.3444
SSHS-B931	1/10/2018	0-2	Sidewall	TSCA	<0.029U	<0.058U	<0.053U	<0.054U	9.4J	3J	0.64J	<0.043U	<0.063U	13.19
SSHS-B932	1/10/2018	0-2	Sidewall	TSCA	<0.0056U	<0.011U	<0.01U	<0.01U	0.091	<0.012U	<0.0049U	<0.0084U	<0.012U	0.128
SSHS-B933	1/19/2018	0-2	Sidewall	TSCA	<0.029U	<0.059U	<0.054U	<0.054U	12J	3.6J	0.74J	<0.044U	<0.064U	16.49
SSHS-B934	1/10/2018	0-2	Sidewall	TSCA	<0.065U	<0.13U	<0.12U	<0.12U	14J	7.6J	2.1J	<0.098U	<0.14U	24.04

TABLE 7A
Summary of Analytical Results - Surface End Points

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	Arochlor-unspecified
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					0.0013	0.0017	0.0011	0.0014	0.00082	0.0012	0.0012	0.00082	0.0014	
Surface Soil Criteria														1
NYS Hazardous Material														50
LocCode	Sampled Date	Sample Depth Range	Performance Type	Category										
SSHS-B946	1/22/2018	0-2	Sidewall	TSCA	<0.0068U	<0.014U	<0.012U	<0.013U	4.8J	1.6J	0.41J	<0.01U	<0.015U	6.845
SSHS-B968	3/1/2018	0-2	Sidewall	Non-Hazardous	<0.029U,F1	<0.057U	<0.052U	<0.053U	2.8	1.6	0.21	<0.043U	<0.062U	4.758
SSHS-MW46	8/30/2016	0-2	Sidewall	TSCA	<0.0083U	<0.013U	<0.0045U	<0.0067U	3.4J	1.5J	0.2J	<0.0034U	<0.0056U	5.121
SSHS-SW-001	7/11/2018	0-2	Sidewall	Non-Hazardous	<0.0055U	<0.011U	<0.01U	<0.01U	0.12J	0.063J	<0.0048U	<0.0082U	<0.012U	0.2138
SSHS-SW-014	7/11/2018	0-2	Sidewall	Non-Hazardous	<0.0055U	<0.011U	<0.01U	<0.01U	<0.013U	<0.012U	<0.0048U	<0.0082U	<0.012U	<0.0865
SSHS-SW-017	7/12/2018	0-2	Sidewall	Non-Hazardous	<0.0057U	<0.011U	<0.01U	<0.01U	<0.014U	<0.012U	<0.005U	<0.0085U	<0.012U	<0.0882

Notes:

mg/kg - milligrams per kilogram

J - estimated value

U - non-detect

Detected concentrations that exceed surface soil criteria

TABLE 7B
Summary of Analytical Results - Subsurface End Points

Former Sperry Remington Site - North Portion
Elmira, New York

					Polychlorinated Biphenyls										Recovery
					Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs	
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
EQL					0.00021	0.00033	0.00011	0.00017	0.00011	0.00017	0.00016	0.000085	0.00014		
Subsurface Material														10	
NYS Hazardous Material														50	
LocCode	Performance Type	Category	Sampled Date	Sample Depth (ft)											
SSHS-B1024	Sidewall	Non-Hazardous	4/25/2018	2-4	<0.0059U	<0.012U	<0.011U	<0.011U	0.49	0.27	0.076	<0.0088U	<0.013U	0.8669	100
SSHS-B1074	Sidewall	Non-Hazardous	6/29/2018	2-4	<0.0066U	<0.013U	<0.012U	<0.012U	0.12J	0.092J	<0.0057U	<0.0098U	<0.014U	0.2486	58
SSHS-B1077	Sidewall	Non-Hazardous	6/30/2018	2-4	<0.0067U	<0.013U	<0.012U	<0.012U	0.28J	0.17J	<0.0059U	<0.01U	<0.014U	0.4868	50
SSHS-B1078	Sidewall	Non-Hazardous	7/2/2018	2-4	<0.0067U	<0.013U	<0.012U	<0.012U	5.6J	2.3J	0.43J	<0.01U	<0.014U	8.364	100
SSHS-B1202	Sidewall	Non-Hazardous	6/29/2018	2-4	<0.0064U	<0.013U	<0.012U	<0.012U	1.4J	0.55J	0.14J	<0.0096U	<0.014U	2.124	88
SSHS-B133	Sidewall	Non-Hazardous	8/3/2015	2-4	<0.0037U	<0.0045U	<0.0063U	<0.0046U	1.5J	1.2J	0.12J	<0.0037U	<0.0067U	2.82	100
SSHS-B147	Sidewall	Non-Hazardous	7/23/2015	2-4	<0.073U	<0.09U	<0.12U	<0.091U	23J	9.4J	0.95J	<0.072U	<0.13U	33.35	66
SSHS-B35	Sidewall	Non-Hazardous	5/9/2000	2-4	<0.04U	<0.04U	<0.04U	<0.04U	0.25	<0.04U	<0.04U	-	-	0.25	Unknown
SSHS-B375	Sidewall	Non-Hazardous	3/8/2016	2-4	<0.0083U	<0.013U	<0.0046U	<0.0067U	0.046	<0.0067U	<0.0062U	<0.0034U	<0.0056U	0.046	0
SSHS-B376	Sidewall	Non-Hazardous	3/8/2016	2-4	<0.0087U	<0.014U	<0.0048U	<0.007U	0.17J	0.075J	0.02J	<0.0035U	<0.0059U	0.265	50
SSHS-B532	Sidewall	Non-Hazardous	9/22/2016	2-4	<0.0086U	<0.014U	<0.0047U	<0.007U	2.3J	0.82J	0.11J	<0.0035U	<0.0059U	3.252	38
SSHS-B854	Sidewall	Non-Hazardous	1/9/2018	2-4	<0.006U	<0.012U	<0.011U	<0.011U	5.4J	2.2J	0.52J	<0.009U	<0.013U	8.151	100
SSHS-B861	Sidewall	Non-Hazardous	1/11/2018	2-4	<0.0059U	<0.012U	<0.011U	<0.011U	1.2	0.64	0.15	<0.0089U	<0.013U	2.021	88
SSHS-B869	Sidewall	Non-Hazardous	1/8/2018	2-4	<0.0058U	<0.012U	<0.011U	<0.011U	0.23J	0.097J	0.018J	<0.0087U	<0.013U	0.3758	100
SSHS-B870	Sidewall	Non-Hazardous	1/8/2018	2-4	<0.0059U	<0.012U	<0.011U	<0.011U	3J	1.1J	0.22J	<0.0088U	<0.013U	4.351	92
SSHS-B882	Sidewall	Non-Hazardous	1/12/2018	2-4	<0.0064U	<0.013U	<0.012U	<0.012U	0.62J	0.32J	0.075J	<0.0095U	<0.014U	1.048	79
SSHS-B894	Sidewall	Non-Hazardous	1/9/2018	2-4	<0.006U	<0.012U	<0.011U	<0.011U	3.4J	1.3J	0.27J	<0.009U	<0.013U	5.001	96
SSHS-B909	Sidewall	Non-Hazardous	1/11/2018	2-4	<0.0064U	<0.013U	<0.012U	<0.012U	2.7J	0.96J	0.36J	<0.0095U	<0.014U	4.053	66
SSHS-B911	Sidewall	Non-Hazardous	1/19/2018	2-4	<0.006U	<0.012U	<0.011U	<0.011U	0.38J	0.12J	<0.0052U	<0.0089U	<0.013U	0.5336	100
SSHS-B922	Sidewall	Non-Hazardous	1/12/2018	2-4	<0.0065U	<0.013U	<0.012U	<0.012U	1.4J	0.71J	0.2J	<0.0097U	<0.014U	2.344	50
SSHS-B924	Sidewall	Non-Hazardous	1/19/2018	2-4	<0.0062U	<0.012U	<0.011U	<0.011U	1.7J	0.65J	0.1J	<0.0092U	<0.013U	2.481	100
SSHS-B925	Sidewall	Non-Hazardous	1/12/2018	2-4	<0.006U	<0.012U	<0.011U	<0.011U	1J	0.41J	0.089J	<0.009U	<0.013U	1.53	71
SSHS-B927	Sidewall	Non-Hazardous	1/11/2018	2-4	<0.0067U	<0.013U	<0.012U	<0.012U	0.054J	0.023J	<0.0058U	<0.01U	<0.014U	0.1138	71
SSHS-B971	Sidewall	Non-Hazardous	2/27/2018	2-4	<0.0056U	<0.011U	<0.01U	<0.01U	0.37	0.19	0.039	<0.0084U	<0.012U	0.6275	66
SSHS-OS1-A	Sidewall	Non-Hazardous	8/2/2018	2-4	<0.0067U	<0.013U	<0.012U	<0.012U	0.059	<0.014U	<0.0059U	<0.01U	<0.014U	0.1028	100
SSHS-OS1-C	Sidewall	Non-Hazardous	8/2/2018	2-4	<0.0061U	<0.012U	<0.011U	<0.011U	0.76J	0.22J	0.042J	<0.009U	<0.013U	1.053	100
SSHS-SW-012	Sidewall	Non-Hazardous	7/11/2018	2-4	<0.0058U	<0.012U	<0.011U	<0.011U	1.3J	0.58J	0.063J	<0.0087U	<0.013U	1.974	100
SSHS-E-3-2	Sidewall	Non-Hazardous	8/3/2018	2.3-2.3	<0.006U	<0.012U	<0.011U	<0.011U	0.15J	0.12J	0.027J	<0.0089U	<0.013U	0.328	100
SSHS-E-S-9-1	Sidewall	Non-Hazardous	8/3/2018	2.3-2.3	<0.006U	<0.012U	<0.011U	<0.011U	4.8J	2J	0.34J	<0.009U	<0.013U	7.171	100
SSHS-W8-1	Sidewall	Non-Hazardous	7/27/2018	2.4-2.4	<0.0063U	<0.013U	<0.012U	<0.012U	2.3J	1.2J	0.21J	<0.0094U	<0.014U	3.743	100
SSHS-W3-1	Sidewall	Non-Hazardous	7/27/2018	2.5-2.5	<0.0062U	<0.012U	<0.011U	<0.011U	0.15J	0.048J	0.0079J	<0.0093U	<0.013U	0.2372	100
SSHS-W7-1	Sidewall	Non-Hazardous	7/27/2018	2.5-2.5	<0.0059U	<0.012U	<0.011U	<0.011U	0.1J	0.07J	0.01J	<0.0089U	<0.013U	0.2109	100
SSHS-W10-1	Sidewall	Non-Hazardous	7/27/2018	3.6-3.6	<0.0061U	<0.012U	<0.011U	<0.011U	0.79J	0.65J	0.26J	<0.0091U	<0.013U	1.731	100
SSHS-W4-2	Sidewall	Non-Hazardous	7/27/2018	3.9-3.9	<0.0062U	<0.012U	<0.011U	<0.011U	1.1J	0.44J	0.14J	<0.0092U	<0.013U	1.711	100
SSHS-W7-2	Sidewall	Non-Hazardous	7/27/2018	3.9-3.9	<0.0061U	<0.012U	<0.011U	<0.011U	0.38J	0.18J	0.052J	<0.009U	<0.013U	0.6431	100
SSHS-B102	Sidewall	Non-Hazardous	8/3/2015	4-6	<0.037U	<0.045U	<0.063U	<0.046U	5.5J	2.6J	0.28J	<0.037U	<0.067U	8.38	100
SSHS-B1064	Sidewall	Non-Hazardous	6/29/2018	4-6	<0.006U	<0.012U	<0.011U	<0.011U	2.4J	0.98J	0.2J	<0.009U	<0.013U	3.611	63
SSHS-B108	Sidewall	Non-Hazardous	7/22/2015	4-6	<0.0042U	<0.0051U	<0.007U	<0.0051U	1.6J	0.53J	0.064J	<0.0041U	<0.0075U	2.194	100
SSHS-B1105	Sidewall	Non-Hazardous	6/30/2018	4-6	<0.0069U	<0.014U	<0.013U	<0.013U	<0.017U	<0.015U	<0.0061U	<0.01U	<0.015U	<0.11	100
SSHS-B112	Sidewall	Non-Hazardous	7/22/2015	4-6	<0.0038U	<0.0046U	<0.0064U	<0.0047U	0.38J	0.19J	0.026J	<0.0037U	<0.0068U	0.596	100
SSHS-B115	Sidewall	Non-Hazardous	7/21/2015	4-6	<0.0041U	<0.005U	<0.0069U	<0.005U	2.6J	1J	0.12J	<0.004U	<0.0074U	3.72	100
SSHS-B1193	Sidewall	Non-Hazardous	7/6/2018	4-6	<0.0064U	<0.013U	<0.012U	<0.012U	0.073J	0.03J	<0.0056U	<0.0096U	<0.014U	0.1393	100
SSHS-B120	Sidewall	Non-Hazardous	7/21/2015	4-6	<0.038U	<0.046U	<0.064U	<0.047U	19J	5.2J	1J	<0.037U	<0.068U	25.2	100
SSHS-B1202	Sidewall	Non-Hazardous	6/29/2018	4-6	<0.0065U	<0.013U	<0.012U	<0.012U	0.24J	0.069J	0.018J	<0.0097U	<0.014U	0.3606	75
SSHS-B123	Sidewall	Non-Hazardous	8/3/2015	4-6	<0.0039U	<0.0048U	<0.0067U	<0.0049U	0.27J	0.15J	0.017J	<0.0039U	<0.0071U	0.437	100
SSHS-B1231	Sidewall	Non-Hazardous	6/29/2018	4-6	<0.006U	<0.012U	<0.011U	<0.011U	<0.015U	0.39J	0.068J	<0.0089U	<0.013U	0.4965	50
SSHS-B125	Sidewall	Non-Hazardous	7/31/2015	4-6	<0.004U	<0.0049U	<0.0068U	<0.0049U	0.68J	0.22J	0.039J	<0.0039U	<0.0072U	0.939	100
SSHS-B133	Sidewall	Non-Hazardous	8/3/2015	4-6	<0.0037U	<0.0046U	<0.0063U	<0.0046U	2.1J	1.1J	0.14J	<0.0037U	<0.0067U	3.34	100
SSHS-B1346	Sidewall	Non-Hazardous	8/3/2018	4-6	<0.0061U	<0.012U	<0.011U	<0.011U	1.3J	0.53J	0.13J	<0.0091U	<0.013U	1.991	100
SSHS-B141	Sidewall	Non-Hazardous	7/21/2015	4-6	<0.0036U	<0.0044U	<0.0061U	<0.0044U	0.75J	0.33J	0.037J	<0.0035U	<0.0065U	1.117	100
SSHS-B157	Sidewall	Non-Hazardous	7/31/2015	4-6	<0.0038U	<0.0047U	<0.0065U	<0.0047U	3.7J	1.7J	0.37J	<0.0038U	<0.0069U	5.77	100

TABLE 7B
Summary of Analytical Results - Subsurface End Points

Former Sperry Remington Site - North Portion
Elmira, New York

					Polychlorinated Biphenyls										Recovery
					Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs	
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
EQL					0.00021	0.00033	0.00011	0.00017	0.00011	0.00017	0.00016	0.000085	0.00014		
Subsurface Material														10	
NYS Hazardous Material														50	
LocCode	Performance Type	Category	Sampled Date	Sample Depth (ft)											
SSHS-B162	Sidewall	Non-Hazardous	8/3/2015	4-6	<0.0037U	<0.0046U	<0.0063U	<0.0046U	2.9J	1.1J	0.12J	<0.0037U	<0.0067U	4.12	100
SSHS-B386	Sidewall	Non-Hazardous	3/8/2016	4-6	<0.0086U	<0.014U	<0.0047U	<0.007U	0.3J	0.4J	0.11J	<0.0035U	<0.0059U	0.81	66
SSHS-B532	Sidewall	Non-Hazardous	9/22/2016	4-6	<0.0086U,F2	<0.014U	<0.0047U	<0.007U	0.37J	0.14J	0.02J	<0.0035U	<0.0059U	0.5519	100
SSHS-B536	Sidewall	Non-Hazardous	9/21/2016	4-6	<0.0086U	<0.014U	<0.0047U	<0.0069U	1.4J	0.46J	0.059J	<0.0035U	<0.0058U	1.941	84
SSHS-B551	Sidewall	Non-Hazardous	9/21/2016	4-6	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.17J	0.14J	0.029J	<0.0034U	<0.0057U	0.36	71
SSHS-B64	Sidewall	Non-Hazardous	8/14/2014	4-6	<0.0029U	<0.0037U	<0.0033U	<0.0031U	0.051	<0.0027U	<0.0027U	<0.0025U	<0.0042U	0.051	100
SSHS-B834	Sidewall	Non-Hazardous	1/12/2018	4-6	<0.0058U	<0.012U	<0.011U	<0.011U	2.2J	0.75J	0.17J	<0.0087U	<0.013U	3.151	100
SSHS-B835	Sidewall	Non-Hazardous	1/9/2018	4-6	<0.0059U	<0.012U	<0.011U	<0.011U	3J	1J	0.22J	<0.0088U	<0.013U	4.251	92
SSHS-B845	Sidewall	Non-Hazardous	1/24/2018	4-6	<0.0061U	<0.012U	<0.011U	<0.011U	0.39J	0.18J	0.041J	<0.0091U	<0.013U	0.6421	100
SSHS-B846	Sidewall	Non-Hazardous	1/23/2018	4-6	<0.0069U	<0.014U	<0.013U	<0.013U	0.86J	0.41J	0.1J	<0.01U	<0.015U	1.406	58
SSHS-B851	Sidewall	Non-Hazardous	1/18/2018	4-6	<0.061U	<0.12U	<0.11U	<0.11U	2.3J	0.88J	0.16J	<0.091U	<0.13U	3.651	100
SSHS-B860	Sidewall	Non-Hazardous	1/14/2018	4-6	<0.029U	<0.058U	<0.053U	<0.053U	4.7	2.1	0.35	<0.043U	<0.062U	7.299	100
SSHS-B864	Sidewall	Non-Hazardous	1/9/2018	4-6	<0.006U	<0.012U	<0.011U	<0.011U	0.69J	0.44J	0.15J	<0.0089U	<0.013U	1.311	84
SSHS-B908	Sidewall	Non-Hazardous	1/22/2018	4-6	<0.0068U	<0.013U	<0.012U	<0.012U	0.55J	0.26J	0.031J	<0.01U	<0.015U	0.8754	66
SSHS-B910	Sidewall	Non-Hazardous	1/11/2018	4-6	<0.0065U	<0.013U	<0.012U	<0.012U	0.34	0.18	0.054	<0.0097U	<0.014U	0.6076	79
SSHS-B973	Sidewall	Non-Hazardous	3/1/2018	4-6	<0.029U	<0.058U	<0.053U	<0.054U	0.62	0.28	0.049J	<0.044U	<0.063U	1.1	66
SSHS-B977	Sidewall	Non-Hazardous	3/1/2018	4-6	<0.029U	<0.058U	<0.053U	<0.054U	0.62	0.34	0.076J	<0.044U	<0.063U	1.187	100
SSHS-W10-2	Sidewall	Non-Hazardous	7/27/2018	4.2-4.2	<0.0061U	<0.012U	<0.011U	<0.011U	0.18J	0.085J	0.027J	<0.0091U	<0.013U	0.3231	100
SSHS-W3-2	Sidewall	Non-Hazardous	7/27/2018	4.3-4.3	<0.0066U	<0.013U	<0.012U	<0.012U	0.99J	0.23J	0.06J	<0.0099U	<0.014U	1.314	100
SSHS-WWC_7_21	Sidewall	Non-Hazardous	7/21/2018	4.5-4.5	<0.0057U	<0.011U	<0.01U	<0.011U	0.47	0.92	0.37	<0.0085U	<0.012U	1.789	100
SSHS-W9-2	Sidewall	Non-Hazardous	7/27/2018	4.6-4.6	<0.0067U	<0.013U	<0.012U	<0.012U	1.2J	0.58J	0.17J	<0.01U	<0.015U	1.984	100
SSHS-E-S-1-2	Sidewall	Non-Hazardous	8/3/2018	5.1-5.1	<0.006U	<0.012U	<0.011U	<0.011U	0.59J	0.4J	0.13J	<0.009U	<0.013U	1.151	100
SSHS-W2-3	Sidewall	Non-Hazardous	7/27/2018	5.5-5.5	<0.0063U	<0.013U	<0.012U	<0.012U	0.72J	0.29J	0.083J	<0.0095U	<0.014U	1.126	100
SSHS-B102	Sidewall	Non-Hazardous	8/3/2015	6-8	<0.004U	<0.0049U	<0.0068U	<0.005U	<0.0049U	<0.0047U	<0.0043U	<0.004U	<0.0073U	<0	75
SSHS-B105	Sidewall	Non-Hazardous	7/22/2015	6-8	<0.0041U	<0.005U	<0.0069U	<0.0051U	<0.005U	<0.0048U	<0.0044U	<0.004U	<0.0074U	<0	60
SSHS-B1080	Sidewall	Non-Hazardous	6/29/2018	6-8	<0.0063U	<0.012U	<0.011U	<0.012U	<0.015U	1.3	<0.0055U	<0.0094U	<0.014U	1.343	100
SSHS-B1081	Sidewall	Non-Hazardous	7/6/2018	6-8	<0.0065U	<0.013U	<0.012U	<0.012U	<0.016U	<0.014U	<0.0057U	<0.0097U	<0.014U	<0.1029	100
SSHS-B109	Sidewall	Non-Hazardous	7/21/2015	6-8	<0.0039U	<0.0048U	<0.0066U	<0.0048U	<0.0048U	<0.0045U	<0.0042U	<0.0038U	<0.007U	<0	92
SSHS-B115	Sidewall	Non-Hazardous	7/21/2015	6-8	<0.0041U	<0.005U	<0.007U	<0.0051U	0.0058J	<0.0048U	<0.0044U	<0.0041U	<0.0074U	0.0058	79
SSHS-B116	Sidewall	Non-Hazardous	7/20/2015	6-8	<0.0039U	<0.0048U	<0.0067U	<0.0049U	0.21J	0.079J	0.014J	<0.0039U	<0.0071U	0.303	17
SSHS-B1220	Sidewall	Non-Hazardous	7/2/2018	6-8	<0.006U	<0.012U	<0.011U	<0.011U	<0.015U	0.61	<0.0053U	<0.009U	<0.013U	0.6512	100
SSHS-B1221	Sidewall	Non-Hazardous	6/30/2018	6-8	<0.006U	<0.012U	<0.011U	<0.011U	0.092J	0.41J	<0.0053U	<0.009U	<0.013U	0.5357	71
SSHS-B1239	Sidewall	Non-Hazardous	7/28/2018	6-8	<0.06U	<0.12U	<0.11U	<0.11U	21J	4.5J	1J	<0.09U	<0.13U	26.81	100
SSHS-B126	Sidewall	Non-Hazardous	7/31/2015	6-8	<0.0041U	<0.0051U	<0.007U	<0.0051U	<0.0051U	<0.0048U	0.007J	<0.0041U	<0.0075U	0.007	79
SSHS-B131	Sidewall	Non-Hazardous	7/24/2015	6-8	<0.0038U	<0.0047U	<0.0064U	<0.0047U	0.82J	0.34J	0.057J	<0.0038U	<0.0069U	1.217	92
SSHS-B141	Sidewall	Non-Hazardous	7/21/2015	6-8	<0.0036U	<0.0045U	<0.0062U	<0.0045U	0.17J	0.066J	0.0068J	<0.0036U	<0.0066U	0.2428	34
SSHS-B1410	Sidewall	Non-Hazardous	7/7/2018	6-8	<0.006U	<0.012U	<0.011U	<0.011U	0.35J	0.18J	0.027J	<0.009U	<0.013U	0.588	100
SSHS-B145	Sidewall	Non-Hazardous	7/24/2015	6-8	<0.0036U	<0.0044U	<0.0061U	<0.0045U	4J	1.3J	0.17J	<0.0036U	<0.0065U	5.47	62
SSHS-B147	Sidewall	Non-Hazardous	7/23/2015	6-8	<0.004U	<0.005U	<0.0068U	<0.005U	0.38J	0.34J	0.062J	<0.004U	<0.0073U	0.782	71
SSHS-B157	Sidewall	Non-Hazardous	7/31/2015	6-8	<0.0039U	<0.0048U	<0.0066U	<0.0049U	0.13J	0.28J	0.1J	<0.0039U	<0.0071U	0.51	4
SSHS-B158	Sidewall	Non-Hazardous	7/21/2015	6-8	<0.004U	<0.0049U	<0.0067U	<0.0049U	0.52J	0.36J	0.078J	<0.0039U	<0.0072U	0.958	0
SSHS-B549	Sidewall	Non-Hazardous	9/21/2016	6-8	<0.0086U	<0.014U	<0.0047U	<0.007U	0.3J	0.13J	0.023J	<0.0035U	<0.0059U	0.4749	58
SSHS-B66	Sidewall	Non-Hazardous	8/14/2014	6-8	<0.0026U	<0.0034U	<0.003U	<0.0029U	0.91	<0.0025U	0.083J	<0.0023U	<0.0038U	0.993	50
SSHS-B68	Sidewall	Non-Hazardous	8/14/2014	6-8	<0.0027U	<0.0035U	<0.0031U	<0.003U	0.49	<0.0026U	0.1	<0.0023U	<0.004U	0.59	71
SSHS-B832	Sidewall	Non-Hazardous	1/10/2018	6-8	<0.0061U	<0.012U	<0.011U	<0.011U	1.1	0.59	0.14	<0.0091U	<0.013U	1.861	100
SSHS-B834	Sidewall	Non-Hazardous	1/12/2018	6-8	<0.0057U	<0.011U	<0.01U	<0.011U	2.8J	0.94J	0.18J	<0.0086U	<0.012U	3.949	100
SSHS-B835	Sidewall	Non-Hazardous	1/9/2018	6-8	<0.0061U	<0.012U	<0.011U	<0.011U	4.1	1.7	0.26	<0.0091U	<0.013U	6.091	62
SSHS-B845	Sidewall	Non-Hazardous	1/24/2018	6-8	<0.006U	<0.012U	<0.011U	<0.011U	0.21J	0.079J	0.017J	<0.009U	<0.013U	0.337	79
SSHS-B846	Sidewall	Non-Hazardous	1/11/2018	6-8	<0.0069U	<0.014U	<0.013U	<0.013U	<0.017U	<0.015U	<0.006U	<0.01U	<0.015U	<0.1099	75
SSHS-B851	Sidewall	Non-Hazardous	1/18/2018	6-8	<0.006U	<0.012U	<0.011U	<0.011U	0.63J	0.3J	0.039J	<0.009U	<0.013U	1	84
SSHS-B852	Sidewall	Non-Hazardous	1/19/2018	6-8	<0.058U	<0.12U	<0.11U	<0.11U	4.1J	1.6J	0.27J	<0.087U	<0.13U	6.278	75

TABLE 7B
Summary of Analytical Results - Subsurface End Points

Former Sperry Remington Site - North Portion
Elmira, New York

					Polychlorinated Biphenyls										Recovery
					Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs	
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
EQL					0.00021	0.00033	0.00011	0.00017	0.00011	0.00017	0.00016	0.000085	0.00014		
Subsurface Material														10	
NYS Hazardous Material														50	
LocCode	Performance Type	Category	Sampled Date	Sample Depth (ft)											
SSHS-B860	Sidewall	Non-Hazardous	1/14/2018	6-8	<0.0057U	<0.011U	<0.01U	<0.01U	2.6	0.95	0.28	<0.0085U	<0.012U	3.859	84
SSHS-B863	Sidewall	Non-Hazardous	1/14/2018	6-8	<0.006U	<0.012U	<0.011U	<0.011U	0.5	0.25	0.1	<0.009U	<0.013U	0.881	66
SSHS-B878	Sidewall	Non-Hazardous	1/20/2018	6-8	<0.0063U	<0.012U	<0.011U	<0.012U	0.29J	0.13J	0.017J	<0.0094U	<0.014U	0.4694	58
SSHS-B882	Sidewall	Non-Hazardous	1/12/2018	6-8	<0.0078U	<0.016U	<0.014U	<0.014U	0.19J	0.097J	0.025J	<0.012U	<0.017U	0.3524	66
SSHS-B884	Sidewall	Non-Hazardous	1/11/2018	6-8	<0.0065U	<0.013U	<0.012U	<0.012U	0.13J	0.034J	0.0075J	<0.0097U	<0.014U	0.2051	100
SSHS-B898	Sidewall	Non-Hazardous	1/12/2018	6-8	<0.006U	<0.012U	<0.011U	<0.011U	0.21J	0.41J	<0.0052U	<0.0089U	<0.013U	0.6536	54
SSHS-B904	Sidewall	Non-Hazardous	1/9/2018	6-8	<0.0061U	<0.012U	<0.011U	<0.011U	0.18J	0.25J	<0.0053U	<0.009U	<0.013U	0.4637	62
SSHS-B907	Sidewall	Non-Hazardous	1/11/2018	6-8	<0.0061U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0053U	<0.009U	<0.013U	<0.0954	100
SSHS-B930	Sidewall	Non-Hazardous	1/23/2018	6-8	<0.0059U	<0.012U	<0.011U	<0.011U	0.35J	0.15J	0.038J	<0.0088U	<0.013U	0.5689	100
SSHS-B945	Sidewall	Non-Hazardous	1/22/2018	6-8	<0.033U	<0.066U	<0.06U	<0.061U	7.8J	2.3J	0.5J	<0.049U	<0.072U	10.77	100
SSHS-B946	Sidewall	Non-Hazardous	1/22/2018	6-8	<0.0069U	<0.014U	<0.013U	<0.013U	0.17J	0.057J	<0.006U	<0.01U	<0.015U	0.266	100
SSHS-B947	Sidewall	Non-Hazardous	1/22/2018	6-8	<0.0062U	<0.012U	<0.011U	<0.011U	0.057J	0.023J	<0.0054U	<0.0093U	<0.013U	0.114	79
SSHS-B955	Sidewall	Non-Hazardous	2/27/2018	6-8	<0.0059U	<0.012U	<0.011U	<0.011U	1.6	0.77	0.16	<0.0088U	<0.013U	2.561	54
SSHS-B956	Sidewall	Non-Hazardous	2/27/2018	6-8	<0.062U	<0.12U	<0.11U	<0.11U	15	4.9	0.83	<0.093U	<0.13U	21.04	100
SSHS-B957	Sidewall	Non-Hazardous	2/28/2018	6-8	<0.0056U	<0.011U	<0.01U	<0.01U	0.85	0.34	0.076	<0.0084U	<0.012U	1.295	100
SSHS-B959	Sidewall	Non-Hazardous	2/28/2018	6-8	<0.0061U	<0.012U	<0.011U	<0.011U	0.077	0.035	0.0089J	<0.0091U	<0.013U	0.152	92
SSHS-B963	Sidewall	Non-Hazardous	3/4/2018	6-8	<0.0059U	<0.012U	<0.011U	<0.011U	4.1	1.3	0.22	<0.0087U	<0.013U	5.651	71
SSHS-B973	Sidewall	Non-Hazardous	3/1/2018	6-8	<0.03U	<0.059U	<0.054U	<0.055U	0.27	0.32	0.12	<0.044U	<0.064U	0.863	66
SSHS-B975	Sidewall	Non-Hazardous	3/5/2018	6-8	<0.0065U,*	<0.013U	<0.012U	<0.012U	<0.016U	1.3	0.18*	<0.0097U	<0.014U	1.522	96
SSHS-B977	Sidewall	Non-Hazardous	3/1/2018	6-8	<0.031U	<0.062U	<0.057U	<0.058U	0.37	0.24	0.071J	<0.047U	<0.068U	0.8425	62
SSHS-B978	Sidewall	Non-Hazardous	3/5/2018	6-8	<0.0061U	<0.012U	<0.011U	<0.011U	1.7J	1.3J	0.2J	<0.0091U	<0.013U	3.231	96
SSHS-SS-05_8_20	Sidewall	Non-Hazardous	8/20/2018	6-8	<0.0061U	<0.012U	<0.011U	<0.011U	1.6	0.63	0.056	<0.0091U	<0.013U	2.317	100
SSHS-SW-009	Sidewall	Non-Hazardous	7/11/2018	6-8	<0.031U	<0.061U	<0.056U	<0.056U	12J	4.6J	0.37J	<0.046U	<0.066U	17.13	100
SSHS-SW-020	Sidewall	Non-Hazardous	7/12/2018	6-8	<0.0061U	<0.012U	<0.011U	<0.011U	5.5J	2.7J	0.25J	<0.0092U	<0.013U	8.481	100
SSHS-GS4-3	Sidewall	Non-Hazardous	7/26/2018	6-6	<0.0068U	<0.014U	<0.012U	<0.013U	1.5J	0.72J	0.06J	<0.01U	<0.015U	2.315	100
SSHS-SS1_7_21	Sidewall	Non-Hazardous	7/21/2018	6-6	<0.0061U	<0.012U	<0.011U	<0.011U	1.3	0.93	0.32	<0.0091U	<0.013U	2.581	100
SSHS-B1019	Sidewall	Non-Hazardous	4/25/2018	8-10	<0.0061U	<0.012U	<0.011U	<0.011U	2.2	1.3	0.27	<0.0091U	<0.013U	3.801	100
SSHS-B1082	Sidewall	Non-Hazardous	7/28/2018	8-10	<0.062U	<0.12U	<0.11U	<0.11U	24J	6.8J	1.3J	<0.093U	<0.13U	32.41	100
SSHS-B1238	Sidewall	Non-Hazardous	7/28/2018	8-10	<0.0069U	<0.014U	<0.013U	<0.013U	0.092J	0.033J	<0.006U	<0.01U	<0.015U	0.164	100
SSHS-B1412	Sidewall	Non-Hazardous	7/7/2018	8-10	<0.0059U	<0.012U	<0.011U	<0.011U	0.28J	0.25J	0.049J	<0.0088U	<0.013U	0.6099	100
SSHS-B1415	Sidewall	Non-Hazardous	7/7/2018	8-10	<0.0058U	<0.012U	<0.011U	<0.011U	0.42J	0.34J	0.048J	<0.0087U	<0.013U	0.8388	100
SSHS-B389	Sidewall	Non-Hazardous	3/10/2016	8-10	<0.089U	<0.14U	<0.049U	<0.072U	17J	5J	0.79J	<0.036U	<0.061U	22.79	100
SSHS-B532	Sidewall	Non-Hazardous	9/22/2016	8-10	<0.0088U	<0.014U	<0.0048U	<0.0071U	0.19J	0.071J	<0.0066U	<0.0036U	<0.006U	0.2865	92
SSHS-B538	Sidewall	Non-Hazardous	9/21/2016	8-10	<0.0089U,F2	<0.014U	<0.0048U	<0.0071U	3.9J	1.5J	0.17J	<0.0036U	<0.006U	5.592	100
SSHS-B540	Sidewall	Non-Hazardous	9/22/2016	8-10	<0.0083U	<0.013U	<0.0046U	<0.0067U	1.3J	0.49J	0.074J	<0.0034U	<0.0056U	1.885	100
SSHS-B541	Sidewall	Non-Hazardous	9/21/2016	8-10	<0.01U	<0.016U	<0.0055U	<0.0081U	1.9J	0.57J	0.069J	<0.0041U	<0.0068U	2.564	79
SSHS-B542	Sidewall	Non-Hazardous	9/22/2016	8-10	<0.0083U	<0.013U	<0.0046U	<0.0067U	1.6J	0.44J	0.072J	<0.0034U	<0.0057U	2.133	100
SSHS-B544	Sidewall	Non-Hazardous	9/22/2016	8-10	<0.0087U	<0.014U	<0.0048U	<0.007U	0.089J	0.031J	<0.0065U	<0.0035U	<0.0059U	0.1452	66
SSHS-B545	Sidewall	Non-Hazardous	9/22/2016	8-10	<0.009U	<0.014U	<0.0049U	<0.0073U	0.11J	<0.0073U	<0.0067U	<0.0037U	<0.0061U	0.1395	100
SSHS-B550	Sidewall	Non-Hazardous	9/22/2016	8-10	<0.0095U	<0.015U	<0.0052U	<0.0076U	0.64J	0.16J	0.022J	<0.0039U	<0.0064U	0.8458	84
SSHS-B67	Sidewall	Non-Hazardous	8/14/2014	8-10	<0.0027U	<0.0035U	<0.0031U	<0.003U	0.5	<0.0026U	0.022	<0.0023U	<0.004U	0.522	100
SSHS-B840	Sidewall	Non-Hazardous	1/20/2018	8-10	<0.0061U	<0.012U	<0.011U	<0.011U	0.38J	0.13J	0.011J	<0.0091U	<0.013U	0.5521	100
SSHS-B852	Sidewall	Non-Hazardous	1/19/2018	8-10	<0.0063U	<0.013U	<0.011U	<0.012U	1.1J	0.39J	0.041J	<0.0094U	<0.014U	1.564	88
SSHS-B855	Sidewall	Non-Hazardous	1/10/2018	8-10	<0.0065U	<0.013U	<0.012U	<0.012U	1.5	0.62	0.16	<0.0098U	<0.014U	2.314	71
SSHS-B888	Sidewall	Non-Hazardous	1/22/2018	8-10	<0.0061U	<0.012U	<0.011U	<0.011U	2.2J	0.71J	0.092J	<0.0091U	<0.013U	3.033	100
SSHS-B892	Sidewall	Non-Hazardous	1/17/2018	8-10	<0.0066U	<0.013U	<0.012U	<0.012U	1J	0.41J	0.069J	<0.0099U	<0.014U	1.513	100
SSHS-B953	Sidewall	Non-Hazardous	3/4/2018	8-10	<0.006U	<0.012U	<0.011U	<0.011U	4.6	1.3	0.23	<0.009U	<0.013U	6.161	84
SSHS-B955	Sidewall	Non-Hazardous	2/27/2018	8-10	<0.0059U	<0.012U	<0.011U	<0.011U	1.2	0.58	0.12	<0.0087U	<0.013U	1.931	58
SSHS-SS-06_8_20	Sidewall	Non-Hazardous	8/20/2018	8-10	<0.0064U	<0.013U	<0.012U	<0.012U	0.95	0.41	0.04	<0.0095U	<0.014U	1.433	100
SSHS-SS-10_8_20	Sidewall	Non-Hazardous	8/20/2018	8-10	<0.057U	<0.11U	<0.1U	<0.11U	16	5.7	0.65	<0.085U	<0.12U	22.64	100
SSHS-B1016	Sidewall	Non-Hazardous	4/24/2018	10-12	<0.0063U	<0.012U	<0.011U	<0.012U	0.036	<0.013U	<0.0055U	<0.0093U	<0.013U	0.07705	75

TABLE 7B
Summary of Analytical Results - Subsurface End Points

Former Sperry Remington Site - North Portion
Elmira, New York

					Polychlorinated Biphenyls										Recovery
					Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1268	Aroclor 1262	Total PCBs	
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
EQL					0.00021	0.00033	0.00011	0.00017	0.00011	0.00017	0.00016	0.000085	0.00014		
Subsurface Material														10	
NYS Hazardous Material														50	
LocCode	Performance Type	Category	Sampled Date	Sample Depth (ft)											
SSHS-B67	Sidewall	Non-Hazardous	8/14/2014	10-12	<0.0026U	<0.0034U	<0.003U	<0.0029U	0.065	<0.0025U	<0.0025U	<0.0023U	<0.0039U	0.065	54
SSHS-B840	Sidewall	Non-Hazardous	1/20/2018	10-12	<0.0063U	<0.013U	<0.011U	<0.012U	3J	0.99J	0.14J	<0.0094U	<0.014U	4.163	100
SSHS-B841	Sidewall	Non-Hazardous	1/20/2018	10-12	<0.0061U	<0.012U	<0.011U	<0.011U	0.048J	0.021J	<0.0054U	<0.0092U	<0.013U	0.1029	75
SSHS-B851	Sidewall	Non-Hazardous	1/18/2018	10-12	<0.0062U	<0.012U	<0.011U	<0.011U	0.44J	0.16J	0.038J	<0.0093U	<0.013U	0.6693	66
SSHS-B852	Sidewall	Non-Hazardous	1/19/2018	10-12	<0.0062U	<0.012U	<0.011U	<0.011U	1.5J	0.52J	0.055J	<0.0093U	<0.013U	2.106	62
SSHS-B856	Sidewall	Non-Hazardous	1/17/2018	10-12	<0.061U	<0.12U	<0.11U	<0.11U	12J	3.8J	0.37J	<0.091U	<0.13U	16.48	92
SSHS-B880	Sidewall	Non-Hazardous	1/22/2018	10-12	<0.0068U	<0.013U	<0.012U	<0.012U	0.17J	0.072J	<0.0059U	<0.01U	<0.015U	0.2794	92
SSHS-B888	Sidewall	Non-Hazardous	1/22/2018	10-12	<0.063U	<0.13U	<0.11U	<0.12U	11J	4J	0.58J	<0.094U	<0.14U	15.91	79
SSHS-B892	Sidewall	Non-Hazardous	1/17/2018	10-12	<0.0059U	<0.012U	<0.011U	<0.011U	0.67J	0.21J	0.045J	<0.0089U	<0.013U	0.9559	92
SSHS-B952	Sidewall	Non-Hazardous	3/4/2018	10-12	<0.0064U	<0.013U	<0.012U	<0.012U	0.18J	0.081J	<0.0056U	<0.0095U	<0.014U	0.2973	100
SSHS-SS-07_8_20	Sidewall	Non-Hazardous	8/20/2018	10-12	<0.0059U	<0.012U	<0.011U	<0.011U	0.93	0.38	0.043	<0.0088U	<0.013U	1.384	100
SSHS-SS-12_8_20	Sidewall	Non-Hazardous	8/20/2018	10-12	<0.0064U	<0.013U	<0.012U	<0.012U	0.5	0.27	0.046	<0.0096U	<0.014U	0.8495	100
SSHS-RS-5	Sidewall	Non-Hazardous	8/4/2018	6.6-6.6	<0.0063U	<0.012U	<0.011U	<0.012U	0.83J	0.46J	0.088J	<0.0093U	<0.013U	1.41	100
SSHS-B1002	Sidewall	TSCA	3/3/2018	2-4	<0.11U	<0.22U	<0.2U	<0.21U	29J	10J	1.8J	<0.17U	<0.24U	41.38	71
SSHS-B1073	Sidewall	TSCA	6/24/2018	2-4	<0.013UJ	<0.013UJ	<0.013UJ	<0.013UJ	0.61J	0.33J	0.055J	<0.013UJ	<0.013UJ	1.034	100
SSHS-B1076	Sidewall	TSCA	6/29/2018	2-4	<0.0061U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0054U	<0.0092U	<0.013U	<0.0957	62
SSHS-B108 (See B909)	Sidewall	TSCA	7/22/2015	2-4	<0.0039U	<0.0048U	<0.0067U	<0.0049U	3.8J	0.99J	0.11J	<0.0039U	<0.0071U	4.9	#N/A
SSHS-B112	Sidewall	TSCA	7/22/2015	2-4	<0.0038U	<0.0046U	<0.0064U	<0.0046U	0.2J	0.084J	0.012J	<0.0037U	<0.0068U	0.296	38
SSHS-B114	Sidewall	TSCA	7/31/2015	2-4	<0.0038U	<0.0047U	<0.0065U	<0.0047U	0.0062J,p	<0.0045U	<0.0041U	<0.0038U	<0.0069U	0.0062	79
SSHS-B1204	Sidewall	TSCA	7/1/2018	2-4	<0.0061U	<0.012U	<0.011U	<0.011U	1.7J	2.4J	0.32J	<0.0091U	<0.013U	4.451	100
SSHS-B1205	Sidewall	TSCA	7/5/2018	2-4	<0.0063U	<0.012U	<0.011U	<0.012U	<0.015U	<0.013U	<0.0055U	<0.0094U	<0.014U	<0.0982	100
SSHS-B1206	Sidewall	TSCA	7/2/2018	2-4	<0.0062U	<0.012U	<0.011U	<0.011U	0.31J	0.24J	0.065J	<0.0092U	<0.013U	0.6462	75
SSHS-B1207	Sidewall	TSCA	7/2/2018	2-4	<0.0062U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0054U	<0.0092U	<0.013U	<0.0958	54
SSHS-B1228	Sidewall	TSCA	7/6/2018	2-4	<0.0062U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0054U	<0.0092U	<0.013U	<0.0958	100
SSHS-B1230	Sidewall	TSCA	6/30/2018	2-4	<0.12U	<0.25U	<0.23U	<0.23U	40J	16J	0.92J	<0.19U	<0.27U	57.57	75
SSHS-B126	Sidewall	TSCA	7/31/2015	2-4	<0.0039U	<0.0047U	<0.0066U	<0.0048U	<0.0047U	<0.0045U	<0.0042U	<0.0038U	<0.007U	<0	84
SSHS-B129	Sidewall	TSCA	7/31/2015	2-4	<0.037U	<0.046U	<0.063U	<0.046U	14J	5.6J	1J	<0.037U	<0.067U	20.6	75
SSHS-B132	Sidewall	TSCA	7/22/2015	2-4	<0.038U	<0.046U	<0.064U	<0.047U	27J	8J	1.4J	<0.037U	<0.068U	36.4	50
SSHS-B1325	Sidewall	TSCA	7/24/2018	2-4	<0.006U	<0.012U	<0.011U	<0.011U	0.65J	0.31J	0.09J	<0.009U	<0.013U	1.081	100
SSHS-B139	Sidewall	TSCA	8/3/2015	2-4	<0.0037U	<0.0046U	<0.0063U	<0.0046U	1.7J	0.87J	0.083J	<0.0037U	<0.0067U	2.653	54
SSHS-B1400	Sidewall	TSCA	7/7/2018	2-4	<0.06U	<0.12U	<0.11U	<0.11U	11J	4.8J	<0.48J	<0.089U	<0.13U	16.59	100
SSHS-B146	Sidewall	TSCA	7/22/2015	2-4	<0.0037U	<0.0046U	<0.0063U	<0.0046U	2.8J	1.2J	0.22J	<0.0037U	<0.0068U	4.22	38
SSHS-B148	Sidewall	TSCA	8/3/2015	2-4	<0.0038U	<0.0047U	<0.0065U	<0.0047U	0.38J	0.31J	0.082J	<0.0038U	<0.0069U	0.772	54
SSHS-B159	Sidewall	TSCA	8/3/2015	2-4	<0.073U	<0.09U	<0.12U	<0.091U	32J	14J	1.5J	<0.073U	<0.13U	47.5	29
SSHS-B371	Sidewall	TSCA	3/8/2016	2-4	<0.082U	<0.13U	<0.045U	<0.066U	11J	2.5J	0.53J	<0.033U	<0.056U	14.03	71
SSHS-B372	Sidewall	TSCA	3/8/2016	2-4	<0.083U	<0.13U	<0.045U	<0.067U	21J	7.7J	1.1J	<0.034U	<0.056U	29.8	29
SSHS-B373	Sidewall	TSCA	3/10/2016	2-4	<0.0082U	<0.013U	<0.0045U	<0.0066U	1.2J	0.57J	0.14J	<0.0034U	<0.0056U	1.91	62
SSHS-B382	Sidewall	TSCA	3/9/2016	2-4	<0.0087U	<0.014U	<0.0048U	<0.007U	<0.0044U	<0.007U	<0.0065U	<0.0035U	<0.0059U	<0	0
SSHS-B386	Sidewall	TSCA	3/8/2016	2-4	<0.0085U	<0.013U	<0.0047U	<0.0069U	1J	1.1J	0.29J	<0.0035U	<0.0058U	2.39	29
SSHS-B387	Sidewall	TSCA	3/8/2016	2-4	<0.0086U	<0.014U	<0.0047U	<0.0069U	0.021	<0.0069U	<0.0064U	<0.0035U	<0.0058U	0.021	50
SSHS-B394	Sidewall	TSCA	3/8/2016	2-4	<0.0086U,F2	<0.014U	<0.0047U	<0.0069U	1.1J	0.32J	0.074J	<0.0035U	<0.0058U	1.494	54
SSHS-B828	Sidewall	TSCA	1/14/2018	2-4	<0.0062U	<0.012U	<0.011U	<0.011U	0.68J	0.23J	0.073J	<0.0092U	<0.013U	1.014	71
SSHS-B831	Sidewall	TSCA	1/10/2018	2-4	<0.061U	<0.12U	<0.11U	<0.11U	8.7J	3.4J	0.78J	<0.091U	<0.13U	13.19	100
SSHS-B837	Sidewall	TSCA	1/20/2018	2-4	<0.059U	<0.12U	<0.11U	<0.11U	22J	9.9J	0.99J	<0.088U	<0.13U	33.2	100
SSHS-B838	Sidewall	TSCA	1/9/2018	2-4	<0.062U	<0.12U	<0.11U	<0.11U	28J	9.8J	2.2J	<0.092U	<0.13U	40.31	100
SSHS-B843	Sidewall	TSCA	1/19/2018	2-4	<0.06U	<0.12U	<0.11U	<0.11U	19J	5.6J	0.72J	<0.09U	<0.13U	25.63	54
SSHS-B844	Sidewall	TSCA	1/19/2018	2-4	<0.061U	<0.12U	<0.11U	<0.11U	22J	6.2J	0.74J	<0.091U	<0.13U	29.25	92
SSHS-B846	Sidewall	TSCA	1/11/2018	2-4	<0.0064U	<0.013U	<0.012U	<0.012U	0.11J	0.043J	0.0081J	<0.0096U	<0.014U	0.1946	88
SSHS-B851	Sidewall	TSCA	1/18/2018	2-4	<0.03U	<0.06U	<0.055U	<0.055U	11	3.6	0.82	<0.045U	<0.065U	15.58	100
SSHS-B853	Sidewall	TSCA	1/8/2018	2-4	<0.0059U	<0.012U	<0.011U	<0.011U	0.074J	0.025J	<0.0051U	<0.0088U	<0.013U	0.1324	100
SSHS-B858	Sidewall	TSCA	1/14/2018	2-4	<0.12U	<0.24U	<0.22U	<0.22U	33	11	2.2	<0.18U	<0.25U	46.82	75

TABLE 7B
Summary of Analytical Results - Subsurface End Points

Former Sperry Remington Site - North Portion
Elmira, New York

					Polychlorinated Biphenyls										Recovery
					Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs	
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
EQL					0.00021	0.00033	0.00011	0.00017	0.00011	0.00017	0.00016	0.000085	0.00014		
Subsurface Material														10	
NYS Hazardous Material														50	
LocCode	Performance Type	Category	Sampled Date	Sample Depth (ft)											
SSHS-B859	Sidewall	TSCA	1/14/2018	2-4	<0.29U	<0.58U	<0.53U	<0.54U	62J	30J	4.3J	<0.44U	<0.63U	97.81	100
SSHS-B860	Sidewall	TSCA	1/14/2018	2-4	<0.058U	<0.12U	<0.11U	<0.11U	22J	7.9J	0.79J	<0.087U	<0.13U	31	75
SSHS-B863	Sidewall	TSCA	1/14/2018	2-4	<0.0059U	<0.012U	<0.011U	<0.011U	3.7	0.81	0.22	<0.0088U	<0.013U	4.761	79
SSHS-B864	Sidewall	TSCA	1/9/2018	2-4	<0.061U	<0.12U	<0.11U	<0.11U	10J	3.3J	0.69J	<0.091U	<0.13U	14.3	100
SSHS-B884	Sidewall	TSCA	1/11/2018	2-4	<0.0062U	<0.012U	<0.011U	<0.011U	0.12J	0.036J	<0.0054U	<0.0093U	<0.013U	0.19	100
SSHS-B885	Sidewall	TSCA	1/17/2018	2-4	<0.061U	<0.12U	<0.11U	<0.11U	25J	7.3J	0.92J	<0.091U	<0.13U	33.53	100
SSHS-B891	Sidewall	TSCA	1/19/2018	2-4	<0.062U	<0.12U	<0.11U	<0.12U	13J	4.6J	0.59J	<0.093U	<0.13U	18.51	100
SSHS-B895	Sidewall	TSCA	1/9/2018	2-4	<0.0061U	<0.012U	<0.011U	<0.011U	0.45J	0.16J	0.039J	<0.009U	<0.013U	0.6801	100
SSHS-B898	Sidewall	TSCA	1/12/2018	2-4	<0.058U	<0.12U	<0.11U	<0.11U	13J	6.6J	1.4J	<0.087U	<0.13U	21.31	84
SSHS-B908	Sidewall	TSCA	1/22/2018	2-4	<0.0061U	<0.012U	<0.011U	<0.011U	2.8J	1J	0.11J	<0.0091U	<0.013U	3.941	92
SSHS-B910	Sidewall	TSCA	1/11/2018	2-4	<0.0063U	<0.013U	<0.012U	<0.012U	0.077J	0.018J	<0.0055U	<0.0094U	<0.014U	0.1311	62
SSHS-B913	Sidewall	TSCA	1/23/2018	2-4	<0.059U	<0.12U	<0.11U	<0.11U	17J	5.3J	0.71J	<0.088U	<0.13U	23.32	62
SSHS-B915	Sidewall	TSCA	1/12/2018	2-4	<0.029U	<0.058U	<0.053U	<0.054U	5.8J	2.6J	0.55J	<0.044U	<0.063U	9.101	84
SSHS-B920	Sidewall	TSCA	1/16/2018	2-4	<0.13U	<0.26U	<0.24U	<0.24U	29J	13J	2.5J	<0.19U	<0.28U	45.17	66
SSHS-B921	Sidewall	TSCA	1/11/2018	2-4	<0.006U	<0.012U	<0.011U	<0.011U	0.89J	0.31J	0.1J	<0.0089U	<0.013U	1.331	100
SSHS-B926	Sidewall	TSCA	1/18/2018	2-4	<0.006U	<0.012U	<0.011U	<0.011U	1.2J	0.86J	0.28J	<0.009U	<0.013U	2.371	100
SSHS-B929	Sidewall	TSCA	1/8/2018	2-4	<0.006U	<0.012U	<0.011U	<0.011U	2.2J	0.86J	0.21J	<0.009U	<0.013U	3.301	100
SSHS-B930	Sidewall	TSCA	1/16/2018	2-4	<0.0062U	<0.012U	<0.011U	<0.011U	2.4J	1.1J	0.18J	<0.0092U	<0.013U	3.711	100
SSHS-B936	Sidewall	TSCA	1/9/2018	2-4	<0.058U	<0.12U	<0.11U	<0.11U	28J	9.8J	2.2J	<0.087U	<0.13U	40.31	100
SSHS-B942	Sidewall	TSCA	1/14/2018	2-4	<0.029U	<0.057U	<0.052U	<0.053U	3.2J	1.6J	0.32J	<0.043U	<0.062U	5.268	100
SSHS-B943	Sidewall	TSCA	1/10/2018	2-4	<0.06U	<0.12U	<0.11U	<0.11U	7.5J	1.8J	0.42J	<0.089U	<0.13U	10.03	100
SSHS-B955	Sidewall	TSCA	2/27/2018	2-4	<0.06U	<0.12U	<0.11U	<0.11U	12	4.3	0.85	<0.09U	<0.13U	17.46	88
SSHS-B959	Sidewall	TSCA	2/28/2018	2-4	<0.031U	<0.061U	<0.056U	<0.057U	24	11	2	<0.046U	<0.066U	37.16	75
SSHS-B960	Sidewall	TSCA	2/28/2018	2-4	<0.063U	<0.13U	<0.11U	<0.12U	16	5.2	1	<0.094U	<0.14U	22.53	71
SSHS-B968	Sidewall	TSCA	3/1/2018	2-4	<0.029U	<0.059U	<0.054U	<0.054U	3.5	1.3	0.17	<0.044U	<0.064U	5.122	84
SSHS-B969	Sidewall	TSCA	3/1/2018	2-4	<0.031U	<0.063U	<0.057U	<0.058U	9.3	3.8	0.59	<0.047U	<0.068U	13.85	100
SSHS-B982	Sidewall	TSCA	2/28/2018	2-4	<0.006U	<0.012U	<0.011U	<0.011U	4.1	2	0.32	<0.0089U	<0.013U	6.451	92
SSHS-B983	Sidewall	TSCA	2/28/2018	2-4	<0.062U	<0.12U	<0.11U	<0.12U	21	7.5	1.7	<0.093U	<0.13U	30.52	84
SSHS-SS-04 8 20	Sidewall	TSCA	8/20/2018	2-4	<0.032U	<0.063U	<0.058U	<0.058U	8.2	3.7	0.39	<0.047U	<0.068U	12.45	100
SSHS-SW-002	Sidewall	TSCA	7/11/2018	2-4	<0.0064U	<0.013U	<0.012U	<0.012U	1.9J	1.1J	0.21J	<0.0095U	<0.014U	3.243	100
SSHS-SW-003	Sidewall	TSCA	7/11/2018	2-4	<0.006U	<0.012U	<0.011U	<0.011U	0.43J	0.28J	0.045J	<0.009U	<0.013U	0.786	100
SSHS-E-S-8-1	Sidewall	TSCA	8/3/2018	2.3-2.3	<0.062U	<0.12U	<0.11U	<0.11U	13J	3.8J	0.61J	<0.093U	<0.13U	17.72	100
SSHS-EN5-1	Sidewall	TSCA	7/26/2018	3.2-3.2	<0.0064U	<0.013U	<0.012U	<0.012U	1.2J	1.7J	0.28J	<0.0095U	<0.014U	3.213	100
SSHS-E-S-1-1	Sidewall	TSCA	8/3/2018	3.4-3.4	<0.31U	<0.61U	<0.56U	<0.57U	200J	51J	7.2J	<0.46U	<0.66U	259.8	100
SSHS-EN4-1	Sidewall	TSCA	7/26/2018	3.6-3.6	<0.0063U	<0.013U	<0.011U	<0.012U	0.56J	0.22J	0.068J	<0.0094U	<0.014U	0.8809	100
SSHS-E-N-8-2	Sidewall	TSCA	8/3/2018	3.7-3.7	<0.061U	<0.12U	<0.11U	<0.11U	14J	4.5J	0.76J	<0.091U	<0.13U	19.57	100
SSHS-E-S-8-2	Sidewall	TSCA	8/3/2018	3.8-3.8	<0.057U	<0.11U	<0.1U	<0.11U	9.9J	2.8J	0.47J	<0.086U	<0.12U	13.46	100
SSHS-B1002	Sidewall	TSCA	3/3/2018	4-6	<0.006U	<0.012U	<0.011U	<0.011U	1.9J	1.1J	0.23J	<0.009U	<0.013U	3.261	79
SSHS-B1004	Sidewall	TSCA	3/3/2018	4-6	<0.0059U	<0.012U	<0.011U	<0.011U	1.5J	0.43J	0.086J	<0.0087U	<0.013U	2.047	100
SSHS-B103	Sidewall	TSCA	7/22/2015	4-6	<0.04U	<0.049U	<0.068U	<0.05U	23J	8.7J	1.1J	<0.04U	<0.073U	32.8	100
SSHS-B105	Sidewall	TSCA	7/22/2015	4-6	<0.039U	<0.048U	<0.066U	<0.048U	15J	5.7J	0.84J	<0.038U	<0.07U	21.54	60
SSHS-B107	Sidewall	TSCA	7/22/2015	4-6	<0.004U	<0.0049U	<0.0067U	<0.0049U	3.7J	1.3J	0.2J	<0.0039U	<0.0072U	5.2	100
SSHS-B1079	Sidewall	TSCA	6/30/2018	4-6	<0.0061U	<0.012U	<0.011U	<0.011U	4.3J	4.9J	<0.57J	<0.0091U	<0.013U	9.801	100
SSHS-B109	Sidewall	TSCA	7/21/2015	4-6	<0.0039U	<0.0048U	<0.0066U	<0.0049U	1.3J	0.48J	0.059J	<0.0039U	<0.0071U	1.839	100
SSHS-B111	Sidewall	TSCA	7/21/2015	4-6	<0.038U	<0.047U	<0.065U	<0.048U	30J	10J	1.7J	<0.038U	<0.07U	41.7	100
SSHS-B116	Sidewall	TSCA	7/20/2015	4-6	<0.0038U	<0.0047U	<0.0065U	<0.0048U	4.5J	1.8J	0.32J	<0.0038U	<0.007U	6.62	100
SSHS-B1206	Sidewall	TSCA	7/2/2018	4-6	<0.0058U	<0.012U	<0.011U	<0.011U	0.49J	0.55J	0.086J	<0.0087U	<0.013U	1.157	75
SSHS-B1214	Sidewall	TSCA	6/29/2018	4-6	<0.12U	<0.23U	<0.21U	<0.22U	13J	6.3J	0.79J	<0.18U	<0.25U	20.7	100
SSHS-B1215	Sidewall	TSCA	6/30/2018	4-6	<0.0059U	<0.012U	<0.011U	<0.011U	0.15J	0.33J	<0.0051U	<0.0088U	<0.013U	0.5134	100
SSHS-B1216	Sidewall	TSCA	6/29/2018	4-6	<0.0062U	<0.012U	<0.011U	<0.011U	1J	0.59J	0.21J	<0.0092U	<0.013U	1.831	79
SSHS-B1219	Sidewall	TSCA	7/1/2018	4-6	<0.062U	<0.12U	<0.11U	<0.11U	9.5J	6.5J	0.74J	<0.093U	<0.13U	17.05	83

TABLE 7B
Summary of Analytical Results - Subsurface End Points

Former Sperry Remington Site - North Portion
Elmira, New York

					Polychlorinated Biphenyls										Recovery
					Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs	
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
EQL					0.00021	0.00033	0.00011	0.00017	0.00011	0.00017	0.00016	0.000085	0.00014		
Subsurface Material														10	
NYS Hazardous Material														50	
LocCode	Performance Type	Category	Sampled Date	Sample Depth (ft)											
SSHS-B122	Sidewall	TSCA	7/22/2015	4-6	<0.019U,F1,F2	<0.023U	<0.032U	<0.023U	5.3J	2J	0.21J	<0.018U	<0.034U	7.51	100
SSHS-B1245	Sidewall	TSCA	7/28/2018	4-6	<0.06U	<0.12U	<0.11U	<0.11U	16J	4.2J	0.7J	<0.089U	<0.13U	21.21	100
SSHS-B126	Sidewall	TSCA	7/31/2015	4-6	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.4J	0.14J	0.026J	<0.0038U	<0.007U	0.566	100
SSHS-B139	Sidewall	TSCA	8/3/2015	4-6	<0.0038U	<0.0046U	<0.0064U	<0.0046U	0.18J	0.057J	0.0064J	<0.0037U	<0.0068U	0.2434	100
SSHS-B142	Sidewall	TSCA	7/21/2015	4-6	<0.0038U	<0.0047U	<0.0064U	<0.0047U	1.8J	0.71J	0.068J	<0.0038U	<0.0069U	2.578	100
SSHS-B145	Sidewall	TSCA	7/24/2015	4-6	<0.0037U	<0.0046U	<0.0063U	<0.0046U	0.91J	0.4J	0.05J	<0.0037U	<0.0067U	1.36	100
SSHS-B146	Sidewall	TSCA	7/22/2015	4-6	<0.038U	<0.047U	<0.065U	<0.048U	19J	5.6J	1.1J	<0.038U	<0.07U	25.7	100
SSHS-B147	Sidewall	TSCA	7/23/2015	4-6	<0.037U	<0.046U	<0.063U	<0.046U	9.7J	4J	0.45J	<0.037U	<0.068U	14.15	100
SSHS-B148	Sidewall	TSCA	8/3/2015	4-6	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.088J	0.085J	0.024J	<0.0038U	<0.007U	0.197	100
SSHS-B149	Sidewall	TSCA	7/21/2015	4-6	<0.0036U	<0.0044U	<0.0061U	<0.0044U	2.4J	0.98J	0.12J	<0.0035U	<0.0065U	3.5	71
SSHS-B161	Sidewall	TSCA	8/3/2015	4-6	<0.038U	<0.047U	<0.064U	<0.047U	5.3J	2.3J	0.24J	<0.038U	<0.069U	7.84	100
SSHS-B371	Sidewall	TSCA	3/8/2016	4-6	<0.0084U	<0.013U	<0.0046U	<0.0068U	3.7J	1.3J	0.22J	<0.0034U	<0.0057U	5.22	100
SSHS-B372	Sidewall	TSCA	3/8/2016	4-6	<0.0083U	<0.013U	<0.0045U	<0.0067U	1.7J	0.57J	0.11J	<0.0034U	<0.0056U	2.38	100
SSHS-B373	Sidewall	TSCA	3/10/2016	4-6	<0.0088U	<0.014U	<0.0048U	<0.0071U	0.22J	0.12J	0.029J	<0.0036U	<0.006U	0.369	100
SSHS-B378	Sidewall	TSCA	3/8/2016	4-6	<0.009U	<0.014U	<0.0049U	<0.0073U	1.6J	0.46J	0.1J	<0.0037U	<0.0061U	2.16	100
SSHS-B553	Sidewall	TSCA	9/21/2016	4-6	<0.043U	<0.068U	<0.024U	<0.035U	7.2J	2.5J	0.43J	<0.018U	<0.029U	10.24	100
SSHS-B831	Sidewall	TSCA	1/10/2018	4-6	<0.0062U	<0.012U	<0.011U	<0.011U	0.69	0.68	0.26	<0.0092U	<0.013U	1.661	100
SSHS-B832	Sidewall	TSCA	1/10/2018	4-6	<0.0063U	<0.012U	<0.011U	<0.012U	0.59	0.34	0.095	<0.0094U	<0.014U	1.057	100
SSHS-B836	Sidewall	TSCA	1/12/2018	4-6	<0.03U	<0.06U	<0.055U	<0.056U	8.3J	3.7J	0.84J	<0.045U	<0.065U	13	100
SSHS-B837	Sidewall	TSCA	1/20/2018	4-6	<0.062U	<0.12U	<0.11U	<0.11U	1.6J	0.96J	0.11J	<0.092U	<0.13U	2.982	62
SSHS-B840	Sidewall	TSCA	1/20/2018	4-6	<0.061U	<0.12U	<0.11U	<0.11U	18J	6.1J	0.9J	<0.09U	<0.13U	25.31	96
SSHS-B842	Sidewall	TSCA	1/22/2018	4-6	<0.062U	<0.12U	<0.11U	<0.11U	5.4J	2.1J	0.29J	<0.092U	<0.13U	8.102	100
SSHS-B844	Sidewall	TSCA	1/19/2018	4-6	<0.059U	<0.12U	<0.11U	<0.11U	11J	3.1J	0.33J	<0.089U	<0.13U	14.74	100
SSHS-B850	Sidewall	TSCA	1/18/2018	4-6	<0.061U	<0.12U	<0.11U	<0.11U	34J	11J	1.2J	<0.091U	<0.13U	46.51	100
SSHS-B852	Sidewall	TSCA	1/19/2018	4-6	<0.063U	<0.12U	<0.11U	<0.12U	3.9J	1.5J	0.22J	<0.093U	<0.14U	5.943	100
SSHS-B857	Sidewall	TSCA	1/20/2018	4-6	<0.062U	<0.12U	<0.11U	<0.11U	1.6J	0.75J	0.12J	<0.092U	<0.13U	2.782	69
SSHS-B859	Sidewall	TSCA	1/14/2018	4-6	<0.059U	<0.12U	<0.11U	<0.11U	16	6.7	1.1	<0.088U	<0.13U	24.11	100
SSHS-B863	Sidewall	TSCA	1/14/2018	4-6	<0.0062U	<0.012U	<0.011U	<0.011U	0.48	0.36	0.18	<0.0092U	<0.013U	1.051	96
SSHS-B875	Sidewall	TSCA	1/23/2018	4-6	<0.0062U	<0.012U	<0.011U	<0.012U	0.96J	0.58J	0.19J	<0.0093U	<0.013U	1.762	42
SSHS-B877	Sidewall	TSCA	1/18/2018	4-6	<0.063U	<0.13U	<0.11U	<0.12U	24J	7.9J	1J	<0.094U	<0.14U	33.23	88
SSHS-B892	Sidewall	TSCA	1/17/2018	4-6	<0.06U	<0.12U	<0.11U	<0.11U	12J	5.2J	1.1J	<0.09U	<0.13U	18.61	100
SSHS-B893	Sidewall	TSCA	1/19/2018	4-6	<0.061U	<0.12U	<0.11U	<0.11U	9.9J	3.8J	0.58J	<0.091U	<0.13U	14.59	100
SSHS-B898	Sidewall	TSCA	1/12/2018	4-6	<0.12U	<0.24U	<0.22U	<0.22U	34J	8.5J	1.7J	<0.18U	<0.26U	44.82	100
SSHS-B904	Sidewall	TSCA	1/9/2018	4-6	<0.0064U	<0.013U	<0.012U	<0.012U	0.75J	0.42J	0.13J	<0.0095U	<0.014U	1.333	100
SSHS-B905	Sidewall	TSCA	1/17/2018	4-6	<0.0062U	<0.012U	<0.011U	<0.011U	2.7J	0.89J	0.21J	<0.0093U	<0.013U	3.831	79
SSHS-B906	Sidewall	TSCA	1/20/2018	4-6	<0.06U	<0.12U	<0.11U	<0.11U	24J	8.7J	1.1J	<0.089U	<0.13U	34.11	100
SSHS-B914	Sidewall	TSCA	1/22/2018	4-6	<0.0062U	<0.012U	<0.011U	<0.011U	0.83	0.54	0.12	<0.0093U	<0.013U	1.521	69
SSHS-B920	Sidewall	TSCA	1/16/2018	4-6	<0.063U	<0.13U	<0.12U	<0.12U	11J	6.1J	1.6J	<0.094U	<0.14U	19.03	88
SSHS-B923	Sidewall	TSCA	1/11/2018	4-6	<0.061U	<0.12U	<0.11U	<0.11U	19J	5.8J	1.4J	<0.09U	<0.13U	26.51	100
SSHS-B937	Sidewall	TSCA	1/20/2018	4-6	<0.058U	<0.12U	<0.11U	<0.11U	24J	8.1J	0.85J	<0.087U	<0.13U	33.26	84
SSHS-B938	Sidewall	TSCA	1/23/2018	4-6	<0.0063U	<0.012U	<0.011U	<0.012U	2.6J	0.92J	0.25J	<0.0093U	<0.014U	3.802	84
SSHS-B941	Sidewall	TSCA	1/14/2018	4-6	<0.061U	<0.12U	<0.11U	<0.11U	11J	4.3J	0.74J	<0.091U	<0.13U	16.35	100
SSHS-B944	Sidewall	TSCA	1/20/2018	4-6	<0.06U	<0.12U	<0.11U	<0.11U	37J	11J	1.3J	<0.089U	<0.13U	49.61	66
SSHS-B945	Sidewall	TSCA	1/22/2018	4-6	<0.0066U	<0.013U	<0.012U	<0.012U	0.79J	0.3J	0.078J	<0.0098U	<0.014U	1.202	100
SSHS-B946	Sidewall	TSCA	1/22/2018	4-6	<0.063U	<0.12U	<0.11U	<0.12U	30J	8.9J	2J	<0.093U	<0.14U	41.22	84
SSHS-B955	Sidewall	TSCA	2/28/2018	4-6	<0.0058U	<0.011U	<0.01U	<0.011U	0.27	0.19	0.066	<0.0086U	<0.012U	0.5552	62
SSHS-B959	Sidewall	TSCA	2/28/2018	4-6	<0.034U	<0.067U	<0.062U	<0.062U	3.2	1.4	0.29	<0.05U	<0.073U	5.064	62
SSHS-B981	Sidewall	TSCA	2/28/2018	4-6	<0.0058U	<0.012U	<0.011U	<0.011U	4.5	1.7	0.23	<0.0086U	<0.012U	6.46	66
SSHS-B985	Sidewall	TSCA	2/28/2018	4-6	<0.028U,F1	<0.055U	<0.051U	<0.051U	2.4	0.99	0.2	<0.042U	<0.06U	3.734	100
SSHS-B994	Sidewall	TSCA	3/1/2018	4-6	<0.0059U	<0.012U	<0.011U	<0.011U	2.8	0.92	0.1	<0.0087U	<0.013U	3.851	75
SSHS-B995	Sidewall	TSCA	3/1/2018	4-6	<0.032U	<0.063U	<0.058U	<0.059U	1.3	0.83	0.15	<0.048U	<0.069U	2.445	92

TABLE 7B
Summary of Analytical Results - Subsurface End Points

Former Sperry Remington Site - North Portion
Elmira, New York

					Polychlorinated Biphenyls										Recovery
					Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs	
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
EQL					0.00021	0.00033	0.00011	0.00017	0.00011	0.00017	0.00016	0.000085	0.00014		
Subsurface Material														10	
NYS Hazardous Material														50	
LocCode	Performance Type	Category	Sampled Date	Sample Depth (ft)											
SSHS-C-E-S-1	Sidewall	TSCA	8/4/2018	5.9-5.9	<0.0067U	<0.013U	<0.012U	<0.012U	0.069J	0.019J	<0.0059U	<0.01U	<0.015U	0.1253	100
SSHS-B103	Sidewall	TSCA	7/22/2015	6-8	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.011J	<0.0045U	<0.0042U	<0.0038U	<0.007U	0.011	75
SSHS-B104	Sidewall	TSCA	7/22/2015	6-8	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.031	<0.0045U	<0.0042U	<0.0038U	<0.007U	0.031	73
SSHS-B110	Sidewall	TSCA	7/21/2015	6-8	<0.0043U	<0.0053U	<0.0073U	<0.0054U	0.58J	0.26J	0.052J	<0.0043U	<0.0078U	0.892	34
SSHS-B547	Sidewall	TSCA	9/21/2016	6-8	<0.0088U	<0.014U	<0.0048U	<0.0071U	<0.0045U	<0.0071U	<0.0066U	<0.0036U	<0.006U	<0.0625	100
SSHS-B841	Sidewall	TSCA	1/20/2018	6-8	<0.0068UJ	<0.013UJ	<0.012UJ	<0.012UJ	0.13J	0.047J	<0.0059UJ	<0.01UJ	<0.015UJ	0.2144	100
SSHS-B885	Sidewall	TSCA	1/17/2018	6-8	<0.031U	<0.061U	<0.056U	<0.057U	6.1J	2.1J	0.45J	<0.046U	<0.066U	8.809	100
SSHS-B887	Sidewall	TSCA	1/12/2018	6-8	<0.033U	<0.065U	<0.059U	<0.06U	6J	2.8J	0.65J	<0.049U	<0.07U	9.618	92
SSHS-B918	Sidewall	TSCA	1/18/2018	6-8	<0.0064U	<0.013U	<0.012U	<0.012U	0.38J	0.14J	0.031J	<0.0095U	<0.014U	0.5845	100
SSHS-B920	Sidewall	TSCA	1/16/2018	6-8	<0.062U	<0.12U	<0.11U	<0.11U	8.2J	3.7J	<0.077J	<0.092U	<0.13U	12.98	88
SSHS-B102	Sidewall	TSCA	8/3/2015	8-10	<0.0039U	<0.0048U	<0.0067U	<0.0049U	4J	2.1J	0.18J	<0.0039U	<0.0071U	6.28	71
SSHS-B1390	Sidewall	TSCA	8/4/2018	8-10	<0.0062U	<0.012U	<0.011U	<0.011U	0.22J	0.1J	0.025J	<0.0093U	<0.013U	0.3763	100
SSHS-B1413	Sidewall	TSCA	7/7/2018	8-10	<0.006U	<0.012U	<0.011U	<0.011U	2.8J	1.3J	0.17J	<0.0089U	<0.013U	4.301	100
SSHS-B1414	Sidewall	TSCA	7/7/2018	8-10	<0.006U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0052U	<0.0089U	<0.013U	<0.0951	100
SSHS-B856	Sidewall	TSCA	1/17/2018	8-10	<0.0069U	<0.014U	<0.013U	<0.013U	1.8J	0.52J	0.1J	<0.01U	<0.015U	2.456	100
SSHS-B887	Sidewall	TSCA	1/24/2018	8-10	<0.066U	<0.13U	<0.12U	<0.12U	11J	4.7J	1.2J	<0.098U	<0.14U	17.24	71
SSHS-B920	Sidewall	TSCA	1/16/2018	8-10	<0.0062U	<0.012U	<0.011U	<0.011U	2.3J	1J	0.19J	<0.0093U	<0.013U	3.521	88
SSHS-B930	Sidewall	TSCA	1/23/2018	8-10	<0.0062U	<0.012U	<0.011U	<0.011U	0.016J	<0.013U	<0.0054U	<0.0093U	<0.013U	0.05645	79
SSHS-B973	Sidewall	TSCA	3/1/2018	8-10	<0.031U	<0.062U	<0.056U	<0.057U	1.5	0.97	0.13	<0.046U	<0.067U	2.76	66
SSHS-B977	Sidewall	TSCA	3/1/2018	8-10	<0.03U	<0.06U	<0.055U	<0.056U	0.76	0.48	0.074J	<0.045U	<0.065U	1.47	54
SSHS-B987	Sidewall	TSCA	3/3/2018	8-10	<0.061U,F1	<0.12U	<0.11U	<0.11U	15J	6.9J	1.2J	<0.091U	<0.13U	23.41	84
SSHS-B988	Sidewall	TSCA	3/3/2018	8-10	<0.12U	<0.24U	<0.22U	<0.22U	34J	11J	1.4J	<0.18U	<0.26U	47.02	96
SSHS-B989	Sidewall	TSCA	3/5/2018	8-10	<0.0065U	<0.013U	<0.012U	<0.012U	4.3J	1.6J	0.2J	<0.0096U	<0.014U	6.134	100
SSHS-B991	Sidewall	TSCA	3/3/2018	8-10	<0.059U	<0.12U	<0.11U	<0.11U	18J	5.6J	0.71J	<0.088U	<0.13U	24.62	92
SSHS-B1086	Sidewall	TSCA	7/6/2018	10-12	<0.0062U	<0.012U	<0.011U	<0.011U	0.48J	0.37J	0.073J	<0.0093U	<0.013U	0.9543	100
SSHS-B1299	Sidewall	TSCA	8/4/2018	10-12	<0.0059U	<0.012U	<0.011U	<0.011U	0.17J	0.063J	0.015J	<0.0088U	<0.013U	0.2789	100
SSHS-B1418	Sidewall	TSCA	7/7/2018	10-12	<0.0059U	<0.012U	<0.011U	<0.011U	0.85J	0.39J	0.046J	<0.0088U	<0.013U	1.317	100
SSHS-B883	Sidewall	TSCA	1/20/2018	10-12	<0.065U	<0.13U	<0.12U	<0.12U	41	19	2.5	<0.096U	<0.14U	62.84	58
SSHS-B886	Sidewall	TSCA	1/19/2018	10-12	<0.059U	<0.12U	<0.11U	<0.11U	8.4	2.7	0.41	<0.088U	<0.13U	11.82	96
SSHS-B893	Sidewall	TSCA	1/19/2018	10-12	<0.061U	<0.12U	<0.11U	<0.11U	11	3.6	0.45	<0.091U	<0.13U	15.36	84
SSHS-B973	Sidewall	TSCA	3/1/2018	10-12	<0.032U	<0.064U	<0.059U	<0.059U	0.54	0.62	0.14	<0.048U	<0.07U	1.466	66
SSHS-B977	Sidewall	TSCA	3/1/2018	10-12	<0.035U	<0.071U	<0.065U	<0.065U	2.7	2.5	0.38	<0.053U	<0.076U	5.763	58
SSHS-B991	Sidewall	TSCA	3/3/2018	10-12	<0.0069U	<0.014U	<0.013U	<0.013U	4.7	1.4	0.2p	<0.01U	<0.015U	6.336	88
SSHS-B993	Sidewall	TSCA	3/1/2018	10-12	<0.031U	<0.062U	<0.057U	<0.057U	0.26	0.11	<0.027U	<0.047U	<0.067U	0.544	71
SSHS-NSBW	Sidewall	TSCA	7/12/2018	10-12	<0.0058U	<0.011U	<0.011U	<0.011U	0.37J	0.17J	0.019J	<0.0086U	<0.012U	0.5887	100
SSHS-B1033	Bottom	N/A	5/23/2018	2-4	<0.0061U	<0.012U	<0.011U	<0.011U	0.25	0.16	0.029	<0.0091U	<0.013U	0.4701	83
SSHS-B1034	Bottom	N/A	5/23/2018	2-4	<0.0066U	<0.013U	<0.012U	<0.012U	0.091	0.033	0.0081J	<0.0098U	<0.014U	0.1658	79
SSHS-B1072	Bottom	N/A	6/28/2018	2-4	<0.0059U	<0.012U	<0.011U	<0.011U	<0.014U	<0.012U	<0.0052U	<0.0089U	<0.013U	<0.093	62
SSHS-B1193	Bottom	N/A	7/28/2018	2-4	<0.006U	<0.012U	<0.011U	<0.011U	0.14J	0.041J	0.0074J	<0.0089U	<0.013U	0.2194	88
SSHS-B1226	Bottom	N/A	6/29/2018	2-4	<0.0063U	<0.012U	<0.011U	<0.012U	<0.015U	<0.013U	<0.0055U	<0.0094U	<0.014U	<0.0982	50
SSHS-B1227	Bottom	N/A	6/23/2018	2-4	<0.0032UJ	<0.0032UJ	<0.0032UJ	<0.0032UJ	0.052J	<0.0032UJ	<0.0032UJ	<0.0032UJ	<0.0032UJ	0.0648	58
SSHS-B1320	Bottom	N/A	8/3/2018	2-4	<0.062U	<0.12U	<0.11U	<0.12U	18J	2.4J	0.6J	<0.093U	<0.13U	21.32	100
SSHS-B1394	Bottom	N/A	7/21/2018	2-4	<0.006U	<0.012U	<0.011U	<0.011U	0.068	0.064	0.028	<0.009U	<0.013U	0.191	100
SSHS-B1395	Bottom	N/A	7/28/2018	2-4	<0.0061U	<0.012U	<0.011U	<0.011U	0.22J	0.041J	<0.0053U	<0.009U	<0.013U	0.2947	65
SSHS-B140	Bottom	N/A	7/31/2015	2-4	<0.0038U	<0.0046U	<0.0064U	<0.0047U	<0.0046U	<0.0044U	<0.004U	<0.0037U	<0.0068U	<0	34
SSHS-B374	Bottom	N/A	3/10/2016	2-4	<0.0079U	<0.012U	<0.0043U	<0.0064U	0.22J	0.12J	0.034J	<0.0032U	<0.0053U	0.374	21
SSHS-B383	Bottom	N/A	3/10/2016	2-4	<0.0092U	<0.014U	<0.005U	<0.0074U	0.023J	0.016J	<0.0069U	<0.0037U	<0.0062U	0.039	12
SSHS-B520	Bottom	N/A	9/22/2016	2-4	<0.009U	<0.014U	<0.0049U	<0.0072U	0.037J	0.0086J	<0.0067U	<0.0037U	<0.0061U	0.0714	42
SSHS-B530	Bottom	N/A	9/22/2016	2-4	<0.0083U	<0.013U	<0.0046U	<0.0067U	0.43J	0.21J	0.035J	<0.0034U	<0.0056U	0.6958	Unknown
SSHS-B554	Bottom	N/A	9/16/2016	2-4	<0.0094U	<0.015U	<0.0051U	<0.0076U	0.18J	0.16J	0.079J	<0.0038U	<0.0064U	0.4427	29
SSHS-B555	Bottom	N/A	9/16/2016	2-4	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.59J	0.22J	0.035J	<0.0034U	<0.0057U	0.866	12

TABLE 7B
Summary of Analytical Results - Subsurface End Points

Former Sperry Remington Site - North Portion
Elmira, New York

					Polychlorinated Biphenyls										Recovery
					Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs	
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
EQL					0.00021	0.00033	0.00011	0.00017	0.00011	0.00017	0.00016	0.000085	0.00014		
Subsurface Material														10	
NYS Hazardous Material														50	
LocCode	Performance Type	Category	Sampled Date	Sample Depth (ft)											
SSHS-B865	Bottom	N/A	1/17/2018	2-4	<0.0061U	<0.012U	<0.011U	<0.011U	0.66J	0.27J	0.031J	<0.0091U	<0.013U	0.9921	96
SSHS-B866	Bottom	N/A	1/12/2018	2-4	<0.0068U	<0.013U	<0.012U	<0.012U	0.056J	0.051J	0.021J	<0.01U	<0.015U	0.1624	88
SSHS-B867	Bottom	N/A	1/11/2018	2-4	<0.0063U	<0.013U	<0.011U	<0.012U	0.11J	0.042J	0.011J	<0.0094U	<0.014U	0.1959	100
SSHS-B868	Bottom	N/A	1/17/2018	2-4	<0.0064U	<0.013U	<0.012U	<0.012U	1.8J	0.78J	0.2J	<0.0095U	<0.014U	2.813	100
SSHS-B871	Bottom	N/A	1/17/2018	2-4	<0.0062U	<0.012U	<0.011U	<0.012U	0.059J	0.035J	<0.0055U	<0.0093U	<0.013U	0.1285	100
SSHS-B872	Bottom	N/A	1/11/2018	2-4	<0.0064U	<0.013U	<0.012U	<0.012U	0.026J	0.015J	<0.0056U	<0.0095U	<0.014U	0.07725	79
SSHS-B873	Bottom	N/A	1/11/2018	2-4	<0.0059U	<0.012U	<0.011U	<0.011U	0.97J	0.54J	0.19J	<0.0089U	<0.013U	1.731	66
SSHS-B896	Bottom	N/A	1/12/2018	2-4	<0.0058U	<0.012U	<0.011U	<0.011U	0.16J	0.11J	0.033J	<0.0087U	<0.013U	0.3338	84
SSHS-B903	Bottom	N/A	1/12/2018	2-4	<0.0058U	<0.012U	<0.011U	<0.011U	<0.014U	<0.012U	<0.0051U	<0.0086U	<0.012U	<0.0915	71
SSHS-B949	Bottom	N/A	3/1/2018	2-4	<0.0062U	<0.012U	<0.011U	<0.011U	0.1J	0.054J	0.01J	<0.0093U	<0.013U	0.1953	66
SSHS-B950	Bottom	N/A	3/4/2018	2-4	<0.0061U	<0.012U	<0.011U	<0.011U	1.4J	0.77J	0.15J	<0.0091U	<0.013U	2.351	66
SSHS-B951	Bottom	N/A	2/28/2018	2-4	<0.0061U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0053U	<0.0091U	<0.013U	<0.0955	100
SSHS-SW-013	Bottom	N/A	7/11/2018	2-4	<0.0054U	<0.011U	<0.0099U	<0.01U	2.5J	1.6J	0.28J	<0.0081U	<0.012U	4.408	100
SSHS-UTP-01	Bottom	N/A	8/29/2018	2.4-2.4	<0.61U	<1.2U	<1.1U	<1.1U	64J	25J	2.5J	<0.91U	<1.3U	94.61	100
SSHS-E-4-2	Bottom	N/A	8/3/2018	2.5-2.5	<0.066U	<0.13U	<0.12U	<0.12U	36J	8.3J	1.6J	<0.098U	<0.14U	46.24	100
SSHS-UTP-02	Bottom	N/A	8/29/2018	2.5-2.5	<0.12U	<0.24U	<0.22U	<0.23U	22J	11J	1J	<0.18U	<0.26U	34.63	100
SSHS-UTP-03	Bottom	N/A	8/29/2018	2.5-2.5	<0.0062U	<0.012U	<0.011U	<0.011U	0.39J	0.18J	0.02J	<0.0093U	<0.013U	0.6213	100
SSHS-B101	Bottom	N/A	8/14/2014	3-6	<0.003U	<0.0039U	<0.0035U	<0.0033U	<0.0019U	<0.0029U	<0.0029U	<0.0026U	<0.0044U	<0	67
SSHS-B1189	Bottom	N/A	6/24/2018	4-6	<0.03UJ	<0.03UJ	<0.03UJ	<0.03UJ	0.61J	1.2J	0.15J	<0.03UJ	<0.03UJ	2.05	50
SSHS-B1194	Bottom	N/A	6/29/2018	4-6	<0.0062U	<0.012U	<0.011U	<0.011U	0.084J	0.043J	<0.0054U	<0.0093U	<0.013U	0.161	62
SSHS-B1203	Bottom	N/A	7/6/2018	4-6	<0.0069U	<0.014U	<0.013U	<0.013U	<0.017U	<0.015U	<0.006U	<0.01U	<0.015U	<0.1099	100
SSHS-B1236	Bottom	N/A	7/2/2018	4-6	<0.0061U	<0.012U	<0.011U	<0.011U	1.6J	0.9J	0.1J	<0.0092U	<0.013U	2.631	62
SSHS-B1240	Bottom	N/A	6/30/2018	4-6	<0.0063U	<0.012U	<0.011U	<0.012U	<0.015U	<0.013U	<0.0055U	<0.0093U	<0.014U	<0.0981	79
SSHS-B1255	Bottom	N/A	7/9/2018	4-6	<0.0058U	<0.012U	<0.011U	<0.011U	4.9J	2.4J	0.26J	<0.0087U	<0.013U	7.591	100
SSHS-B159	Bottom	N/A	8/3/2015	4-6	<0.19U,F1	<0.23U	<0.32U	<0.23U	46J	14J	1.4J	<0.19U	<0.34U	61.4	100
SSHS-B387	Bottom	N/A	3/8/2016	4-6	<0.0087U	<0.014U	<0.0048U	<0.007U	0.58J	0.16J	0.034J	<0.0035U	<0.0059U	0.774	100
SSHS-B394	Bottom	N/A	3/8/2016	4-6	<0.0086U	<0.014U	<0.0047U	<0.0069U	3.4J	0.72J	0.14J	<0.0035U	<0.0058U	4.26	100
SSHS-B556	Bottom	N/A	9/16/2016	4-6	<0.009U	<0.014U	<0.0049U	<0.0073U	0.016J	<0.0073U	<0.0067U	<0.0037U	<0.0061U	0.0455	66
SSHS-B853	Bottom	N/A	1/8/2018	4-6	<0.0063U	<0.013U	<0.012U	<0.012U	0.026	<0.013U	<0.0056U	<0.0095U	<0.014U	0.0687	100
SSHS-B876	Bottom	N/A	1/22/2018	4-6	<0.007U	<0.014U	<0.013U	<0.013U	<0.017U	<0.015U	<0.0061U	<0.01U	<0.015U	<0.1101	88
SSHS-B894	Bottom	N/A	1/9/2018	4-6	<0.006U	<0.012U	<0.011U	<0.011U	4.6J	1.8J	0.43J	<0.009U	<0.013U	6.861	100
SSHS-B895	Bottom	N/A	1/9/2018	4-6	<0.0061U	<0.012U	<0.011U	<0.011U	0.21	0.089	0.018J	<0.0091U	<0.013U	0.3481	100
SSHS-B925	Bottom	N/A	1/12/2018	4-6	<0.0062U	<0.012U	<0.011U	<0.011U	1.2	0.37	0.11	<0.0092U	<0.013U	1.711	62
SSHS-B928	Bottom	N/A	1/11/2018	4-6	<0.0061U	<0.012U	<0.011U	<0.011U	1	0.41	0.12	<0.0091U	<0.013U	1.561	66
SSHS-B970	Bottom	N/A	3/1/2018	4-6	<0.0062U	<0.012U	<0.011U	<0.011U	0.56J	0.14J	0.024J	<0.0093U	<0.013U	0.7553	100
SSHS-B972	Bottom	N/A	3/5/2018	4-6	<0.0063U	<0.013U	<0.012U	<0.012U	0.41J	0.66J	0.24J	<0.0095U	<0.014U	1.343	100
SSHS-B975	Bottom	N/A	3/5/2018	4-6	<0.0061U	<0.012U	<0.011U	<0.011U	0.61J	0.42J	0.063J	<0.0091U	<0.013U	1.124	100
SSHS-B982	Bottom	N/A	2/28/2018	4-6	<0.031U	<0.062U	<0.056U	<0.057U	0.95	0.38	0.066J	<0.046U	<0.067U	1.556	92
SSHS-B984	Bottom	N/A	3/1/2018	4-6	<0.0059U	<0.012U	<0.011U	<0.011U	0.18J	0.049J	<0.0052U	<0.0088U	<0.013U	0.2625	66
SSHS-SS-03_8_20	Bottom	N/A	8/20/2018	4-6	<0.0064U	<0.013U	<0.012U	<0.012U	2.1	0.97	0.1	<0.0095U	<0.014U	3.203	100
SSHS-SW-005	Bottom	N/A	7/11/2018	4-6	<0.0057U	<0.011U	<0.01U	<0.01U	0.32J	0.45J	0.055J	<0.0085U	<0.012U	0.8536	100
SSHS-SW-006	Bottom	N/A	7/11/2018	4-6	<0.057U	<0.11U	<0.1U	<0.11U	20J	7.3J	0.62J	<0.086U	<0.12U	28.21	100
SSHS-SW-007	Bottom	N/A	7/11/2018	4-6	<0.0061U	<0.012U	<0.011U	<0.011U	4.5J	1.7J	0.17J	<0.0091U	<0.013U	6.401	100
SSHS-SW-021	Bottom	N/A	7/12/2018	4-6	<0.12U	<0.24U	<0.22U	<0.22U	7.8J	3.7J	0.35J	<0.18U	<0.26U	12.47	100
SSHS-W6-1	Bottom	N/A	7/27/2018	4.2-4.2	<0.0062U	<0.012U	<0.011U	<0.011U	0.14J	0.076J	0.023J	<0.0092U	<0.013U	0.2702	100
SSHS-EN1-1	Bottom	N/A	7/26/2018	4.3-4.3	<0.0062U	<0.012U	<0.011U	<0.011U	0.39J	0.44J	0.051J	<0.0093U	<0.013U	0.9123	100
SSHS-C-5	Bottom	N/A	8/4/2018	4.5-4.5	<0.0062U	<0.012U	<0.011U	<0.011U	1.8J	0.57J	<0.099J	<0.0092U	<0.013U	2.5	100
SSHS-EN4-2	Bottom	N/A	7/26/2018	4.5-4.5	<0.0067U	<0.013U	<0.012U	<0.012U	0.39J	0.16J	0.045J	<0.01U	<0.015U	0.6294	100
SSHS-GS3-2	Bottom	N/A	7/26/2018	4.5-4.5	<0.0063U	<0.012U	<0.011U	<0.012U	0.7J	0.26J	0.085J	<0.0093U	<0.014U	1.077	100
SSHS-SS2_7_21	Bottom	N/A	7/21/2018	4.5-4.5	<0.006U	<0.012U	<0.011U	<0.011U	2.8	1.3	0.31	<0.0089U	<0.013U	4.441	100
SSHS-EN2-1	Bottom	N/A	7/26/2018	4.6-4.6	<0.0061U	<0.012U	<0.011U	<0.011U	1.8J	0.89J	0.13J	<0.0091U	<0.013U	2.851	100

TABLE 7B
Summary of Analytical Results - Subsurface End Points

Former Sperry Remington Site - North Portion
Elmira, New York

					Polychlorinated Biphenyls										Recovery
					Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs	
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
EQL					0.00021	0.00033	0.00011	0.00017	0.00011	0.00017	0.00016	0.000085	0.00014		
Subsurface Material														10	
NYS Hazardous Material														50	
LocCode	Performance Type	Category	Sampled Date	Sample Depth (ft)											
SSHS-nat_gas_2	Bottom	N/A	7/24/2018	4.6-4.6	<0.006U	<0.012U	<0.011U	<0.011U	0.76J	0.32J	0.1J	<0.0089U	<0.013U	1.211	100
SSHS-W11-1	Bottom	N/A	7/27/2018	4.6-4.6	<0.0065U	<0.013U	<0.012U	<0.012U	0.62J	0.69J	0.28J	<0.0097U	<0.014U	1.624	100
SSHS-GS4-2	Bottom	N/A	7/26/2018	4.7-4.7	<0.0075U	<0.015U	<0.014U	<0.014U	1.6J	0.86J	0.083J	<0.011U	<0.016U	2.582	100
SSHS-nat_gas_1	Bottom	N/A	7/24/2018	5-5	<0.0058U	<0.012U	<0.011U	<0.011U	0.23J	0.17J	0.051J	<0.0087U	<0.013U	0.4818	100
SSHS-EN3-2	Bottom	N/A	7/26/2018	5.1-5.1	<0.0067U	<0.013U	<0.012U	<0.012U	2.9J	0.97J	0.2J	<0.01U	<0.014U	4.104	100
SSHS-W11-2	Bottom	N/A	7/27/2018	5.1-5.1	<0.0062U	<0.012U	<0.011U	<0.011U	0.54J	0.57J	0.15J	<0.0092U	<0.013U	1.291	100
SSHS-GS2-2	Bottom	N/A	7/26/2018	5.2-5.2	<0.0059U	<0.012U	<0.011U	<0.011U	2.3J	1J	0.15J	<0.0089U	<0.013U	3.481	100
SSHS-ESS-2	Bottom	N/A	7/26/2018	5.3-5.3	<0.0064U	<0.013U	<0.012U	<0.012U	3.6J	2J	0.23J	<0.0096U	<0.014U	5.864	100
SSHS-GS3-3	Bottom	N/A	7/26/2018	5.6-5.6	<0.0067U	<0.013U	<0.012U	<0.012U	1J	1.2J	0.11J	<0.01U	<0.015U	2.344	100
SSHS-SN4-2	Bottom	N/A	7/26/2018	5.7-5.7	<0.0064U	<0.013U	<0.012U	<0.012U	0.46J	0.31J	0.13J	<0.0095U	<0.014U	0.9335	100
SSHS-W12-2	Bottom	N/A	7/27/2018	5.8-5.8	<0.0066U	<0.013U	<0.012U	<0.012U	0.27J	0.41J	0.16J	<0.0099U	<0.014U	0.8738	100
SSHS-EN3-3	Bottom	N/A	7/26/2018	5.9-5.9	<0.0066U	<0.013U	<0.012U	<0.012U	1.2J	0.53J	0.17J	<0.0099U	<0.014U	1.934	100
SSHS-B107	Bottom	N/A	7/22/2015	6-8	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.015J	<0.0045U	<0.0042U	<0.0038U	<0.007U	0.015	21
SSHS-B1223	Bottom	N/A	7/2/2018	6-8	<0.0066U	<0.013U	<0.012U	<0.012U	0.68J	0.23J	0.051J	<0.0098U	<0.014U	0.9947	100
SSHS-B1242	Bottom	N/A	6/29/2018	6-8	<0.0064U	<0.013U	<0.012U	<0.012U	1.2J	0.55J	0.19J	<0.0096U	<0.014U	1.974	100
SSHS-B1243	Bottom	N/A	6/29/2018	6-8	<0.0061U	<0.012U	<0.011U	<0.011U	0.42J	0.36J	0.14J	<0.0091U	<0.013U	0.9511	50
SSHS-B1244	Bottom	N/A	7/1/2018	6-8	<0.0062U	<0.012U	<0.011U	<0.012U	0.065J	0.03J	<0.0055U	<0.0093U	<0.013U	0.1295	92
SSHS-B1252	Bottom	N/A	7/28/2018	6-8	<0.12U	<0.24U	<0.22U	<0.22U	32J	9.3J	1.6J	<0.18U	<0.26U	43.52	92
SSHS-B1257	Bottom	N/A	7/10/2018	6-8	<0.12U	<0.24U	<0.22U	<0.22U	45J	17J	1.3J	<0.18U	<0.26U	63.92	100
SSHS-B139	Bottom	N/A	8/3/2015	6-8	<0.0037U	<0.0046U	<0.0063U	<0.0046U	<0.0045U	<0.0043U	<0.004U	<0.0037U	<0.0067U	<0	21
SSHS-B1401	Bottom	N/A	7/7/2018	6-8	<0.0058U	<0.012U	<0.011U	<0.011U	4.9J	2J	0.26J	<0.0086U	<0.013U	7.191	100
SSHS-B1408	Bottom	N/A	7/12/2018	6-8	<0.12U	<0.24U	<0.22U	<0.22U	18J	10J	1.2J	<0.18U	<0.26U	29.82	100
SSHS-B1411	Bottom	N/A	7/7/2018	6-8	<0.006U	<0.012U	<0.011U	<0.011U	2.2J	1.3J	0.18J	<0.0089U	<0.013U	3.711	100
SSHS-B146	Bottom	N/A	7/22/2015	6-8	<0.004U	<0.0049U	<0.0067U	<0.0049U	4.1J	1.8J	0.37J	<0.0039U	<0.0072U	6.27	62
SSHS-B149	Bottom	N/A	7/21/2015	6-8	<0.0038U	<0.0047U	<0.0064U	<0.0047U	<0.0047U	1.2J	0.33J	<0.0038U	<0.0069U	1.53	0
SSHS-B159	Bottom	N/A	8/3/2015	6-8	<0.039U	<0.048U	<0.066U	<0.048U	15J	6.2J	0.72J	<0.039U	<0.071U	21.92	29
SSHS-B160A	Bottom	N/A	8/3/2015	6-8	<0.036U	<0.044U	<0.061U	<0.045U	9.2J	3.4J	0.47J	<0.036U	<0.065U	13.07	25
SSHS-B161	Bottom	N/A	8/3/2015	6-8	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.29J	0.84J	0.14J	<0.0038U	<0.007U	1.27	25
SSHS-B550	Bottom	N/A	9/22/2016	6-8	<0.0086U	<0.013U	<0.0047U	<0.0069U	2.3J	0.66J	0.077J	<0.0035U	<0.0058U	3.058	0
SSHS-B550	Bottom	N/A	9/22/2016	6-8	<0.0084U	<0.013U	<0.0046U	<0.0068U	<0.0043U	<0.0068U	<0.0063U	<0.0034U	<0.0057U	<0.0593	0
SSHS-B552	Bottom	N/A	9/21/2016	6-8	<0.009U	<0.014U	<0.0049U	<0.0072U	0.83J	0.34J	0.06J	<0.0037U	<0.0061U	1.252	17
SSHS-B838	Bottom	N/A	1/9/2018	6-8	<0.0059U	<0.012U	<0.011U	<0.011U	3.7J	1.4J	0.37J	<0.0088U	<0.013U	5.501	100
SSHS-B842	Bottom	N/A	1/22/2018	6-8	<0.061U	<0.12U	<0.11U	<0.11U	24J	7.5J	1.7J	<0.091U	<0.13U	33.51	71
SSHS-B843	Bottom	N/A	1/19/2018	6-8	<0.063U	<0.12U	<0.11U	<0.12U	20J	6.1J	0.8J	<0.093U	<0.13U	27.22	100
SSHS-B844	Bottom	N/A	1/19/2018	6-8	<0.06U	<0.12U	<0.11U	<0.11U	13J	4.2J	0.53J	<0.09U	<0.13U	18.04	71
SSHS-B847	Bottom	N/A	1/20/2018	6-8	<0.058U	<0.12U	<0.11U	<0.11U	19J	5.9J	0.66J	<0.086U	<0.12U	25.86	50
SSHS-B848	Bottom	N/A	1/20/2018	6-8	<0.063U	<0.13U	<0.11U	<0.12U	1.9J	0.97J	0.13J	<0.094U	<0.14U	3.329	100
SSHS-B849	Bottom	N/A	1/22/2018	6-8	<0.065U	<0.13U	<0.12U	<0.12U	5.2J	1.6J	0.22J	<0.097U	<0.14U	7.356	92
SSHS-B850	Bottom	N/A	1/18/2018	6-8	<0.064U	<0.13U	<0.12U	<0.12U	37J	11J	1.3J	<0.096U	<0.14U	49.64	84
SSHS-B859	Bottom	N/A	1/14/2018	6-8	<0.058U	<0.12U	<0.11U	<0.11U	20	7.6	1.1	<0.087U	<0.13U	29.01	75
SSHS-B881	Bottom	N/A	1/22/2018	6-8	<0.0067U	<0.013U	<0.012U	<0.012U	1.9J	0.6J	0.15J	<0.01U	<0.014U	2.684	50
SSHS-B889	Bottom	N/A	1/12/2018	6-8	<0.029U	<0.058U	<0.053U	<0.054U	7.7J	3.5J	0.7J	<0.044U	<0.063U	12.05	100
SSHS-B897	Bottom	N/A	1/10/2018	6-8	<0.12U	<0.23U	<0.21U	<0.21U	27J	6.3J	<0.1U	<0.17U	0.76	34.58	100
SSHS-B906	Bottom	N/A	1/24/2018	6-8	<0.06U	<0.12U	<0.11U	<0.11U	28J	8.8J	2J	<0.09U	<0.13U	39.11	66
SSHS-B913	Bottom	N/A	1/22/2018	6-8	<0.065U	<0.13U	<0.12U	<0.12U	3.8J	1.5J	0.22J	<0.096U	<0.14U	5.856	71
SSHS-B939	Bottom	N/A	1/23/2018	6-8	<0.0063U	<0.013U	<0.012U	<0.012U	2.1J	0.7J	0.18J	<0.0094U	<0.014U	3.013	66
SSHS-B954	Bottom	N/A	3/5/2018	6-8	<0.0062U	<0.012U	<0.011U	<0.011U	0.11J	0.48J	0.32J	<0.0093U	<0.013U	0.9413	100
SSHS-B985	Bottom	N/A	2/28/2018	6-8	<0.034U	<0.068U	<0.062U	<0.063U	4.5	1.9	0.42	<0.051U	<0.073U	6.996	92
SSHS-B986	Bottom	N/A	3/5/2018	6-8	<0.0059U	<0.012U	<0.011U	<0.011U	0.22J	0.18J	0.058J	<0.0088U	<0.013U	0.4889	100
SSHS-SS-02_8_20	Bottom	N/A	8/20/2018	6-8	<0.0064U,F1	<0.013U	<0.012U	<0.012U	5.6	2.7	0.26	<0.0096U	<0.014U	8.594	100
SSHS-SW-008	Bottom	N/A	7/11/2018	6-8	<0.0062U	<0.012U	<0.011U	<0.011U	2.2J	3.7J	0.39J	<0.0093U	<0.013U	6.321	100

TABLE 7B
Summary of Analytical Results - Subsurface End Points

Former Sperry Remington Site - North Portion
Elmira, New York

					Polychlorinated Biphenyls										Recovery
					Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs	
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
EQL					0.00021	0.00033	0.00011	0.00017	0.00011	0.00017	0.00016	0.000085	0.00014		
Subsurface Material														10	
NYS Hazardous Material														50	
LocCode	Performance Type	Category	Sampled Date	Sample Depth (ft)											
SSHS-SW-019	Bottom	N/A	7/12/2018	6-8	<0.12U	<0.23U	<0.21U	<0.21U	34J	13J	1.1J	<0.17U	<0.25U	48.7	100
SSHS-B121	Bottom	N/A	7/24/2015	6-7	<0.0037U	<0.0046U	<0.0063U	<0.0046U	0.61J	0.34J	0.085J	<0.0037U	<0.0068U	1.035	100
SSHS-B122	Bottom	N/A	7/22/2015	6-7	<0.0039U	<0.0047U	<0.0065U	<0.0048U	2.7J	1.1J	0.13J	<0.0038U	<0.007U	3.93	92
SSHS-B132 (See B985)	Bottom	N/A	7/22/2015	6-7	<0.0038U	<0.0047U	<0.0065U	<0.0047U	3.7J	1.5J	0.28J	<0.0038U	<0.0069U	5.48	#N/A
SSHS-B106A	Bottom	N/A	8/3/2015	8-10	<0.0037U	<0.0046U	<0.0063U	<0.0046U	3.1J	1.3J	0.094J	<0.0037U	<0.0068U	4.494	100
SSHS-B1084	Bottom	N/A	6/28/2018	8-10	<0.0061U	<0.012U	<0.011U	<0.011U	0.38J	0.71J	0.066J	<0.009U	<0.013U	1.187	71
SSHS-B1158	Bottom	N/A	7/6/2018	8-10	<0.0063U	<0.013U	<0.012U	<0.012U	<0.015U	<0.013U	<0.0055U	<0.0094U	<0.014U	<0.1002	100
SSHS-B1162	Bottom	N/A	7/5/2018	8-10	<0.0059U	<0.012U	<0.011U	<0.011U	0.25J	0.089J	0.014J	<0.0087U	<0.013U	0.3838	100
SSHS-B117A	Bottom	N/A	8/3/2015	8-10	<0.039U	<0.048U	<0.066U	<0.049U	14J	7.3J	0.84J	<0.039U	<0.071U	22.14	96
SSHS-B1224	Bottom	N/A	7/1/2018	8-10	<0.057U	<0.11U	<0.1U	<0.1U	8.9J	5.1J	0.44J	<0.085U	<0.12U	14.73	100
SSHS-B1234	Bottom	N/A	6/28/2018	8-10	<0.006U	<0.012U	<0.011U	<0.011U	<0.015U	3.6J	0.3J	<0.009U	<0.013U	3.939	58
SSHS-B1237	Bottom	N/A	7/2/2018	8-10	<0.0062U	<0.012U	<0.011U	<0.011U	2.2J	1.1J	0.22J	<0.0092U	<0.013U	3.551	100
SSHS-B1253	Bottom	N/A	7/28/2018	8-10	<0.059U	<0.12U	<0.11U	<0.11U	11J	3.2J	0.6J	<0.088U	<0.13U	15.11	Unknown
SSHS-B1501	Bottom	N/A	8/10/2018	8-10	<0.0062U	<0.012U	<0.011U	<0.011U	0.029	<0.013U	<0.0054U	<0.0093U	<0.013U	0.06945	100
SSHS-B392	Bottom	N/A	3/10/2016	8-10	<0.0087U	<0.014U	<0.0048U	<0.007U	1J	0.34J	0.055J	<0.0035U	<0.0059U	1.395	100
SSHS-B394	Bottom	N/A	3/8/2016	8-10	<0.0085U	<0.013U	<0.0047U	<0.0069U	2.5J	0.54J	0.085J	<0.0035U	<0.0058U	3.125	66
SSHS-B534	Bottom	N/A	9/22/2016	8-10	<0.0079U	<0.012U	<0.0043U	<0.0064U	4.6J	1.2J	0.17J	<0.0032U	<0.0054U	5.99	75
SSHS-B535	Bottom	N/A	9/22/2016	8-10	<0.0083U	<0.013U	<0.0045U	<0.0067U	0.35J	0.11J	0.014J	<0.0034U	<0.0056U	0.4948	66
SSHS-B543	Bottom	N/A	9/21/2016	8-10	<0.046U	<0.072U	<0.025U	<0.037U	8J	2.5J	0.42J	<0.019U	<0.031U	11.04	100
SSHS-B65	Bottom	N/A	8/14/2014	8-10	<0.0031U	<0.004U	<0.0036U	<0.0034U	2	<0.003U	0.17	<0.0027U	<0.0046U	2.17	100
SSHS-B839	Bottom	N/A	1/18/2018	8-10	<0.0062U	<0.012U	<0.011U	<0.011U	0.063J	0.02J	<0.0055U	<0.0093U	<0.013U	0.117	100
SSHS-B878	Bottom	N/A	1/20/2018	8-10	<0.0063U	<0.013U	<0.012U	<0.012U	0.22J	0.096J	0.015J	<0.0095U	<0.014U	0.3644	62
SSHS-B883	Bottom	N/A	1/20/2018	8-10	<0.077U	<0.15U	<0.14U	<0.14U	59J	32J	4J	<0.11U	<0.17U	95.39	100
SSHS-B890	Bottom	N/A	1/23/2018	8-10	<0.006U	<0.012U	<0.011U	<0.011U	2.1J	0.76J	0.19J	<0.009U	<0.013U	3.081	100
SSHS-B905	Bottom	N/A	1/17/2018	8-10	<0.0062U	<0.012U	<0.011U	<0.011U	3.6J	1.6J	0.33J	<0.0092U	<0.013U	5.561	66
SSHS-B956	Bottom	N/A	2/27/2018	8-10	<0.0056U	<0.011U	<0.01U	<0.01U	3.2	1	0.2	<0.0084U	<0.012U	4.429	100
SSHS-B957	Bottom	N/A	2/28/2018	8-10	<0.029U	<0.057U	<0.052U	<0.053U	6.5	2.8	0.57	<0.043U	<0.062U	10.02	75
SSHS-B960	Bottom	N/A	2/28/2018	8-10	<0.0066U	<0.013U	<0.012U	<0.012U	3.6	1.1	0.28	<0.0098U	<0.014U	5.014	79
SSHS-B961	Bottom	N/A	3/5/2018	8-10	<0.0066U	<0.013U	<0.012U	<0.012U	3.5J	1.8J	0.37J	<0.0098U	<0.014U	5.704	100
SSHS-B981	Bottom	N/A	2/28/2018	8-10	<0.0063U	<0.012U	<0.011U	<0.012U	0.83	0.45	0.15	<0.0093U	<0.014U	1.462	50
SSHS-B992	Bottom	N/A	3/4/2018	8-10	<0.12U	<0.24U	<0.22U	<0.22U	43J	14J	2.1J	<0.18U	<0.26U	59.72	100
SSHS-MW46	Bottom	N/A	8/30/2016	8-10	<0.0095U	<0.015U	<0.0052U	<0.0076U	<0.0048U	<0.0076U	<0.0071U	<0.0039U	<0.0064U	<0.0671	17
SSHS-B1068	Bottom	N/A	7/1/2018	10-12	<0.0066U	<0.013U	<0.012U	<0.012U	2J	0.56J	0.093J	<0.0099U	<0.014U	2.687	100
SSHS-B1160	Bottom	N/A	6/30/2018	10-12	<0.0065U	<0.013U	<0.012U	<0.012U	0.017J	<0.014U	<0.0056U	<0.0096U	<0.014U	0.06035	58
SSHS-B1219	Bottom	N/A	7/1/2018	10-12	<0.0062U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0054U	<0.0092U	<0.013U	<0.0958	100
SSHS-B1251	Bottom	N/A	7/1/2018	10-12	<0.0065U	<0.013U	<0.012U	<0.012U	<0.016U	<0.014U	<0.0057U	<0.0097U	<0.014U	<0.1029	75
SSHS-B1254	Bottom	N/A	7/1/2018	10-12	<0.0066U	<0.013U	<0.012U	<0.012U	1.2J	0.43J	0.07J	<0.0098U	<0.014U	0.5337 - 1.2	100
SSHS-B1417	Bottom	N/A	7/7/2018	10-12	<0.12U	<0.24U	<0.22U	<0.22U	28J	11J	1.2J	<0.18U	<0.26U	40.82	100
SSHS-B1502	Bottom	N/A	8/21/2018	10-12	<0.0061U	<0.012U	<0.011U	<0.011U	0.029	<0.013U	<0.0053U	<0.0091U	<0.013U	0.06925	100
SSHS-B377	Bottom	N/A	3/8/2016	10-12	<0.0085U	<0.013U	<0.0047U	<0.0069U	0.53J	0.18J	0.034J	<0.0035U	<0.0058U	0.744	100
SSHS-B389	Bottom	N/A	3/10/2016	10-12	<0.0088U	<0.014U	<0.0048U	<0.0071U	0.0084J	<0.0071U	<0.0066U	<0.0036U	<0.006U	0.0084	12
SSHS-B537	Bottom	N/A	9/22/2016	10-12	<0.0087U	<0.014U	<0.0048U	<0.007U	<0.019U	<0.007U	<0.0065U	<0.0036U	<0.0059U	<0.0765	79
SSHS-B538	Bottom	N/A	9/21/2016	10-12	<0.0091U	<0.014U	<0.005U	<0.0073U	<0.0047U	<0.0073U	<0.0068U	<0.0037U	<0.0062U	<0.0641	34
SSHS-B542	Bottom	N/A	9/22/2016	10-12	<0.0084U	<0.013U	<0.0046U	<0.0068U	<0.0043U	<0.0068U	<0.0063U	<0.0034U	<0.0057U	<0.0593	100
SSHS-B855	Bottom	N/A	1/10/2018	10-12	<0.0067U	<0.013U	<0.012U	<0.012U	1.1J	0.3J	0.095J	<0.01U	<0.015U	1.529	79
SSHS-B877	Bottom	N/A	1/18/2018	10-12	<0.0062U	<0.012U	<0.011U	<0.011U	1.5	0.47	0.1	<0.0092U	<0.013U	2.101	62
SSHS-B878	Bottom	N/A	1/20/2018	10-12	<0.0065U	<0.013U	<0.012U	<0.012U	0.086	0.041	<0.0057U	<0.0098U	<0.014U	0.1635	88
SSHS-B885	Bottom	N/A	1/17/2018	10-12	<0.0061U	<0.012U	<0.011U	<0.011U	3.9J	1.3J	0.37J	<0.0091U	<0.013U	5.601	88
SSHS-B887	Bottom	N/A	1/24/2018	10-12	<0.0061U	<0.012U	<0.011U	<0.011U	2J	0.77J	0.16J	<0.0091U	<0.013U	2.961	84
SSHS-B891	Bottom	N/A	1/19/2018	10-12	<0.0064U	<0.013U	<0.012U	<0.012U	0.19J	0.078J	<0.0056U	<0.0096U	<0.014U	0.3043	54
SSHS-B919	Bottom	N/A	1/12/2018	10-12	<0.0062U	<0.012U	<0.011U	<0.011U	1.5J	0.62J	0.13J	<0.0092U	<0.013U	2.281	66

TABLE 7B
Summary of Analytical Results - Subsurface End Points

Former Sperry Remington Site - North Portion
Elmira, New York

					Polychlorinated Biphenyls										Recovery
					Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1268	Aroclor 1262	Total PCBs	
EQL					0.00021	0.00033	0.00011	0.00017	0.00011	0.00017	0.00016	0.000085	0.00014		
Subsurface Material														10	
NYS Hazardous Material														50	
LocCode	Performance Type	Category	Sampled Date	Sample Depth (ft)											
SSHS-B920	Bottom	N/A	1/16/2018	10-12	<0.032U	<0.063U	<0.057U	<0.058U	4.6J	2.1J	0.43J	<0.047U	<0.068U	7.293	100
SSHS-B987	Bottom	N/A	3/3/2018	10-12	<0.0059U,*	<0.012U	<0.011U	<0.011U	3	1.1	0.13*	<0.0087U	<0.013U	4.261	92
SSHS-BSW-001	Bottom	N/A	7/12/2018	10-12	<0.033U	<0.065U	<0.06U	<0.06U	12J	5.3J	0.57J	<0.049U	<0.071U	18.04	100
SSHS-P1	Bottom	N/A	7/12/2018	10-12	<0.25U	<0.49U	<0.45U	<0.45U	120J	44J	3.4J	<0.37U	<0.53U	168.7	100
SSHS-SS-16_8_20	Bottom	N/A	8/20/2018	10-12	<0.0068U	<0.014U	<0.012U	<0.013U	<0.017U	<0.014U	<0.006U	<0.01U	<0.015U	<0.1078	100
SSHS-SW-011	Bottom	N/A	7/11/2018	10-12	<0.13U	<0.26U	<0.24U	<0.24U	28J	11J	1J	<0.19U	<0.28U	40.67	100
SSHS-B1008	Bottom	N/A	3/3/2018	12-14	<0.071U	<0.14U	<0.13U	<0.13U	24J	9.8J	2.2J	<0.11U	<0.15U	36.37	71
SSHS-B1011	Bottom	N/A	4/25/2018	12-14	<0.0059U	<0.012U	<0.011U	<0.011U	2.5	0.88	0.16	<0.0088U	<0.013U	3.571	96
SSHS-B1303	Bottom	N/A	8/4/2018	12-14	<0.0063U	<0.013U	<0.012U	<0.012U	1.5J	0.62J	0.16J	<0.0094U	<0.014U	2.313	100
SSHS-B840	Bottom	N/A	1/20/2018	12-14	<0.0067U	<0.013U	<0.012U	<0.012U	1.9	0.55	0.073	<0.0099U	<0.014U	2.557	100
SSHS-B841	Bottom	N/A	1/20/2018	12-14	<0.0065U	<0.013U	<0.012U	<0.012U	1.2	0.47	0.057	<0.0098U	<0.014U	1.761	75
SSHS-B856	Bottom	N/A	1/17/2018	12-14	<0.0063U	<0.013U	<0.012U	<0.012U	4.8J	1.9J	0.29J	<0.0094U	<0.014U	7.023	88
SSHS-B888	Bottom	N/A	1/22/2018	12-14	<0.0067U	<0.013U	<0.012U	<0.012U	2.3	0.75	0.1	<0.01U	<0.014U	3.184	100
SSHS-B892	Bottom	N/A	1/17/2018	12-14	<0.0064U	<0.013U	<0.012U	<0.012U	0.57J	0.98J	<0.0056UJ	<0.0095UJ	<0.014UJ	1.586	84
SSHS-B893	Bottom	N/A	1/19/2018	12-14	<0.064U	<0.13U	<0.12U	<0.12U	3.2J	1.4J	0.15J	<0.095U	<0.14U	5.085	88
SSHS-B953	Bottom	N/A	3/4/2018	12-14	<0.0062U	<0.012U	<0.011U	<0.011U	0.42J	0.17J	<0.0054U	<0.0092U	<0.013U	0.6239	79
SSHS-B973	Bottom	N/A	3/1/2018	12-14	<0.033U	<0.066U	<0.061U	<0.061U	0.31	0.24	0.044J	<0.05U	<0.072U	0.7655	66
SSHS-B980	Bottom	N/A	3/4/2018	12-14	<0.0068U	<0.014U	<0.012U	<0.013U	1.1J	0.26J	0.036J	<0.01U	<0.015U	1.431	75
SSHS-CS1	Bottom	N/A	7/12/2018	10.3-10.3	<0.12U	<0.23U	<0.21U	<0.21U	16J	6.8J	0.78J	<0.17U	<0.25U	24.18	100
SSHS-EN4-3	Bottom	N/A	7/26/2018	6.1-6.1	<0.0066U	<0.013U	<0.012U	<0.012U	0.17J	0.15J	0.057J	<0.0099U	<0.014U	0.4108	100
SSHS-E-S-1-4	Bottom	N/A	8/3/2018	6.2-6.2	<0.0064U	<0.013U	<0.012U	<0.012U	0.24J	0.11J	0.034J	<0.0096U	<0.014U	0.4175	100
SSHS-W6-3	Bottom	N/A	7/27/2018	6.2-6.2	<0.0063U	<0.013U	<0.012U	<0.012U	0.39J	0.17J	0.036J	<0.0095U	<0.014U	0.6294	100
SSHS-CS-02	Bottom	N/A	8/9/2018	6.4-6.4	<0.031U	<0.061U	<0.056U	<0.056U	10J	2.8J	0.91J	<0.046U	<0.066U	13.87	100
SSHS-E-S-9-4	Bottom	N/A	8/3/2018	6.5-6.5	<0.062U	<0.12U	<0.11U	<0.11U	9.1J	3J	0.64J	<0.093U	<0.13U	13.05	100
SSHS-GS3-4	Bottom	N/A	7/26/2018	6.5-6.5	<0.0064U	<0.013U	<0.012U	<0.012U	0.13J	0.19J	0.052J	<0.0095U	<0.014U	0.4055	100
SSHS-WWN_7_21	Bottom	N/A	7/21/2018	6.5-6.5	<0.006U	<0.012U	<0.011U	<0.011U	0.64	0.45	0.13	<0.0089U	<0.013U	1.251	100
SSHS-GS2-3	Bottom	N/A	7/26/2018	6.6-6.6	<0.0064U	<0.013U	<0.012U	<0.012U	1.4J	0.58J	0.036J	<0.0096U	<0.014U	2.05	100
SSHS-EN3-4	Bottom	N/A	7/26/2018	6.9-6.9	<0.0064U	<0.013U	<0.012U	<0.012U	0.32J	0.49J	<0.0056U	<0.0095U	<0.014U	0.8463	100
SSHS-B64	Bottom	N/A	8/14/2014	6-9	<0.0029U	<0.0037U	<0.0033U	<0.0032U	0.13	<0.0028U	<0.0028U	<0.0025U	<0.0043U	0.13	72
SSHS-CS-01	Bottom	N/A	8/9/2018	7.3-7.3	<0.0061U	<0.012U	<0.011U	<0.011U	4J	0.98J	0.34J	<0.0091U	<0.013U	5.351	100
SSHS-EN2-3	Bottom	N/A	7/26/2018	7.6-7.6	<0.0069U	<0.014U	<0.013U	<0.013U	3.2J	1.3J	0.39J	<0.01U	<0.015U	4.926	100
SSHS-P2	Bottom	N/A	7/12/2018	7.7-7.7	<0.23U	<0.47U	<0.43U	<0.43U	72J	32J	2.3J	<0.35U	<0.51U	107.5	100
SSHS-P-4	Bottom	N/A	8/9/2018	7.7-7.7	<0.0061U	<0.012U	<0.011U	<0.011U	0.088J	0.037J	0.0094J	<0.009U	<0.013U	0.1655	100
SSHS-WL-04	Bottom	N/A	8/9/2018	7.8-7.8	<0.0066U	<0.013U	<0.012U	<0.012U	0.15J	0.042J	0.012J	<0.0098U	<0.014U	0.2377	100
SSHS-BE-2	Bottom	N/A	7/26/2018	8.2-8.2	<0.0062U	<0.012U	<0.011U	<0.011U	5.2J	1.8J	0.51J	<0.0093U	<0.013U	7.541	100
SSHS-WL-03	Bottom	N/A	8/9/2018	8.3-8.3	<0.0057U	<0.011U	<0.01U	<0.01U	0.66J	0.2J	0.056J	<0.0085U	<0.012U	0.9446	100
SSHS-WL-01	Bottom	N/A	8/9/2018	8.4-8.4	<0.0057U	<0.011U	<0.01U	<0.01U	1.2J	0.27J	0.072J	<0.0084U	<0.012U	1.571	100
SSHS-P-3	Bottom	N/A	8/9/2018	8.5-8.5	<0.0064U	<0.013U	<0.012U	<0.012U	0.32J	0.088J	0.032J	<0.0096U	<0.014U	0.4735	100
SSHS-RS-3	Bottom	N/A	8/4/2018	8.6-8.6	<0.0062U	<0.012U	<0.011U	<0.011U	0.79J	0.26J	0.079J	<0.0093U	<0.013U	1.16	100
SSHS-WL-02	Bottom	N/A	8/9/2018	8.6-8.6	<0.0066U	<0.013U	<0.012U	<0.012U	0.15J	0.038J	<0.0058U	<0.0099U	<0.014U	0.2247	100
SSHS-B-F-E-3	Bottom	N/A	8/4/2018	8.8-8.8	<0.0059U	<0.012U	<0.011U	<0.011U	5.4J	1.7J	0.53J	<0.0088U	<0.013U	7.661	100
SSHS-P-2	Bottom	N/A	8/9/2018	8.8-8.8	<0.0067U	<0.013U	<0.012U	<0.012U	0.15J	0.04J	0.0087J	<0.01U	<0.014U	0.2326	100
SSHS-CS2	Bottom	N/A	7/12/2018	9.1-9.1	<0.0057U	<0.011U	<0.01U	<0.011U	1.6J	1.1J	0.13J	<0.0086U	<0.012U	2.859	100
SSHS-PW-1	Bottom	N/A	8/7/2018	9.2-9.2	<0.0066U	<0.013U	<0.012U	<0.012U	0.61J	0.21J	0.043J	<0.0098U	<0.014U	0.8967	100
SSHS-B-F-S-1	Bottom	N/A	8/4/2018	9.7-9.7	<0.0063U	<0.013U	<0.011U	<0.012U	0.39J	0.21J	0.042J	<0.0094U	<0.014U	0.6749	100

Notes:

mg/kg - milligrams per kilogram

J - estimated value

U - non-detect

Detected concentrations that exceed subsurface soil criteria

Detected concentrations that exceed NYS hazardous soil criteria

TABLE 8
Summary of Analytical Results - Imported Fill

Former Sperry Remington Site - North Portion
Elmira, New York

				Field_ID	BP-SC-101	BP-SC-102	BP-SC-103	BP-SC-104	BP-SC-105	BP-SC-106	BP-SC-107	BP-SC-108	BP-SC-109	BP-SC-110	BP-SC-111	BP-SC-112	BP-SC-113	BP-SC-114	BP-SC-115	BP-SC-116	BP-SC-117	BP-SC-118
				Sampled Date	4/26/2018	4/26/2018	4/26/2018	4/26/2018	4/26/2018	4/26/2018	4/26/2018	4/26/2018	4/26/2018	4/26/2018	4/27/2018	4/27/2018	4/27/2018	4/27/2018	4/27/2018	4/27/2018	4/27/2018	4/27/2018
Method Name	ChemName	Units	EQL	DER-10 App5 Restricted Residential																		
Pesticides	4,4-DDE	mg/kg	0.00034	8.9	<0.00036U	<0.00035U	<0.00036U	-	-	-	-	-	-	-	<0.00035U	-	-	-	<0.00035U	-	-	-
	a-BHC	mg/kg	0.00042	0.02	<0.00043U	<0.00043U	<0.00043U	-	-	-	-	-	-	-	<0.00042U	-	-	-	<0.00042U	-	-	-
	Aldrin	mg/kg	0.00053	0.097	<0.00055U	<0.00054U	<0.00054U	-	-	-	-	-	-	-	<0.00054U	-	-	-	<0.00053U	-	-	-
	b-BHC	mg/kg	0.00043	0.09	<0.00045U	<0.00045U	<0.00045U	-	-	-	-	-	-	-	<0.00044U	-	-	-	<0.00044U	-	-	-
	Chlordane (cis)	mg/kg	0.00042	-	<0.00044U	<0.00044U	<0.00044U	-	-	-	-	-	-	-	<0.00043U	-	-	-	<0.00043U	-	-	-
	d-BHC	mg/kg	0.00054	0.25	<0.00056U	<0.00055U	<0.00055U	-	-	-	-	-	-	-	<0.00055U	-	-	-	<0.00054U	-	-	-
	DDD	mg/kg	0.00045	13	<0.00047U	<0.00047U	<0.00047U	-	-	-	-	-	-	-	<0.00046U	-	-	-	<0.00046U	-	-	-
	DDT	mg/kg	0.00064	7.9	<0.00067U	<0.00066U	<0.00067U	-	-	-	-	-	-	-	<0.00066U	-	-	-	<0.00065U	-	-	-
	Dieldrin	mg/kg	0.00042	0.1	<0.00044U	<0.00044U	<0.00044U	-	-	-	-	-	-	-	<0.00043U	-	-	-	<0.00043U	-	-	-
	Endosulfan I	mg/kg	0.00046	24	<0.00048U	<0.00047U	<0.00047U	-	-	-	-	-	-	-	<0.00047U	-	-	-	<0.00046U	-	-	-
	Endosulfan II	mg/kg	0.00037	24	<0.00039U	<0.00038U	<0.00039U	-	-	-	-	-	-	-	<0.00038U	-	-	-	<0.00038U	-	-	-
	Endosulfan sulphate	mg/kg	0.00044	24	<0.00046U	<0.00045U	<0.00046U	-	-	-	-	-	-	-	<0.00045U	-	-	-	<0.00045U	-	-	-
	Endrin	mg/kg	0.00066	0.06	<0.00068U	<0.00068U	<0.00068U	-	-	-	-	-	-	-	<0.00067U	-	-	-	<0.00067U	-	-	-
	g-BHC (Lindane)	mg/kg	0.00058	0.1	<0.0006U	<0.00059U	<0.0006U	-	-	-	-	-	-	-	<0.00059U	-	-	-	<0.00059U	-	-	-
	Heptachlor	mg/kg	0.00053	0.38	<0.00055U	<0.00054U	<0.00055U	-	-	-	-	-	-	-	<0.00054U	-	-	-	<0.00054U	-	-	-
PCBs	Arochlor 1016	mg/kg	0.0055	-	<0.0057U	<0.0056U	<0.0057U	-	-	-	-	-	-	-	<0.0056U	-	-	-	<0.0056U	-	-	-
	Arochlor 1221	mg/kg	0.011	-	<0.011U	<0.011U	<0.011U	-	-	-	-	-	-	-	<0.011U	-	-	-	<0.011U	-	-	-
	Arochlor 1232	mg/kg	0.01	-	<0.01U	<0.01U	<0.01U	-	-	-	-	-	-	-	<0.01U	-	-	-	<0.01U	-	-	-
	Arochlor 1242	mg/kg	0.01	-	<0.011U	<0.01U	<0.01U	-	-	-	-	-	-	-	<0.01U	-	-	-	<0.01U	-	-	-
	Arochlor 1248	mg/kg	0.013	-	<0.014U	<0.014U	<0.014U	-	-	-	-	-	-	-	<0.014U	-	-	-	<0.014U	-	-	-
	Arochlor 1254	mg/kg	0.012	-	<0.012U	<0.012U	<0.012U	-	-	-	-	-	-	-	<0.012U	-	-	-	<0.012U	-	-	-
	Arochlor 1260	mg/kg	0.0048	-	<0.005U	<0.0049U	<0.005U	-	-	-	-	-	-	-	<0.0049U	-	-	-	<0.0049U	-	-	-
	Arochlor 1268	mg/kg	0.0082	-	<0.0085U	<0.0084U	<0.0085U	-	-	-	-	-	-	-	<0.0084U	-	-	-	<0.0083U	-	-	-
	Arochlor 1262	mg/kg	0.012	-	<0.012U	<0.012U	<0.012U	-	-	-	-	-	-	-	<0.012U	-	-	-	<0.012U	-	-	-
	Total PCBs	mg/kg		1	<0.0892	<0.0879	<0.0882	-	-	-	-	-	-	-	<0.0879	-	-	-	<0.0878	-	-	-
Herbicides	2,4,5-TP (Silvex)	mg/kg	0.0069	3.8	<0.007U	<0.007U	<0.007U	-	-	-	-	-	-	-	<0.0069U	-	-	-	<0.0069U	-	-	-
SVOCs	1,4-Dioxane	mg/kg	0.011	0.1	<0.011U	<0.011U	<0.011U	-	-	-	-	-	-	-	<0.011U	-	-	-	<0.011U	-	-	-
	2-methylphenol	mg/kg	0.0097	0.33	<0.01U	<0.01U	<0.01U	-	-	-	-	-	-	-	<0.0097U	-	-	-	<0.0099U	-	-	-
	4-methylphenol	mg/kg	0.0099	0.33	<0.01U	<0.01U	<0.01U	-	-	-	-	-	-	-	<0.0099U	-	-	-	<0.01U	-	-	-
	Acenaphthene	mg/kg	0.002	98	<0.002U	<0.002U	<0.002U	-	-	-	-	-	-	-	<0.002U	-	-	-	<0.002U	-	-	-
	Acenaphthylene	mg/kg	0.0015	100	0.0038J	0.0019J	<0.0015U	-	-	-	-	-	-	-	<0.0015U	-	-	-	<0.0015U	-	-	-
	Anthracene	mg/kg	0.0018	100	0.019	0.0023J	<0.0018U	-	-	-	-	-	-	-	<0.0018U	-	-	-	<0.0018U	-	-	-
	Benz(a)anthracene	mg/kg	0.0013	1	0.0018J	<0.0013U	<0.0013U	-	-	-	-	-	-	-	<0.0013U	-	-	-	<0.0013U	-	-	-
	Benzo(a) pyrene	mg/kg	0.0015	1	<0.0015U	<0.0015U	<0.0015U	-	-	-	-	-	-	-	<0.0015U	-	-	-	<0.0015U	-	-	-
	Benzo(b)fluoranthene	mg/kg	0.0017	1	<0.0017U	<0.0017U	<0.0017U	-	-	-	-	-	-	-	<0.0017U	-	-	-	<0.0017U	-	-	-
	Benzo(g,h,i)perylene	mg/kg	0.0015	100	<0.0015U	<0.0015U	<0.0015U	-	-	-	-	-	-	-	<0.0015U	-	-	-	<0.0015U	-	-	-
	Benzo(k)fluoranthene	mg/kg	0.002	1.7	<0.0021U	<0.0021U	<0.0021U	-	-	-	-	-	-	-	<0.002U	-	-	-	<0.0021U	-	-	-
	Chrysene	mg/kg	0.0013	1	<0.0014U	<0.0014U	<0.0014U	-	-	-	-	-	-	-	<0.0013U	-	-	-	<0.0014U	-	-	-
	Dibenz(a,h)anthracene	mg/kg	0.0015	0.33	<0.0016U	<0.0016U	<0.0016U	-	-	-	-	-	-	-	<0.0015U	-	-	-	<0.0015U	-	-	-
	Dibenzofuran	mg/kg	0.0015	59	<0.0015U	<0.0015U	<0.0015U	-	-	-	-	-	-	-	<0.0015U	-	-	-	<0.0015U	-	-	-
	Fluoranthene	mg/kg	0.0018	100	0.0019J	<0.0018U	<0.0019U	-	-	-	-	-	-	-	<0.0018U	-	-	-	<0.0018UJ	-	-	-
	Fluorene	mg/kg	0.0013	100	0.0028J	<0.0014U	<0.0014U	-	-	-	-	-	-	-	<0.0013U	-	-	-	<0.0014U	-	-	-
	Hexachlorobenzene	mg/kg	0.0024	1.2	<0.0025U	<0.0025U	<0.0025U	-	-	-	-	-	-	-	<0.0024U	-	-	-	<0.0025U	-	-	-
	Indeno(1,2,3-c,d)pyrene	mg/kg	0.0014	0.5	<0.0014U	<0.0014U	<0.0014U	-	-	-	-	-	-	-	<0.0014U	-	-	-	<0.0014U	-	-	-
	Naphthalene	mg/kg	0.0013	12	<0.0014U	<0.0014U	<0.0014U	-	-	-	-	-	-	-	<0.0013U	-	-	-	<0.0013U	-	-	-
	Pentachlorophenol	mg/kg	0.054	0.8	<0.056U	<0.056U	<0.057U	-	-	-	-	-	-	-	<0.054U	-	-	-	<0.055U	-	-	-
	Phenanthrene	mg/kg	0.0018	100	0.0036J	0.0024J	<0.0019U	-	-	-	-	-	-	-	<0.0018U	-	-	-	<0.0019UJ	-	-	-
	Phenol	mg/kg	0.01	0.33	<0.011U	<0.011U	<0.011U	-	-	-	-	-	-	-	<0.01U	-	-	-	<0.01U	-	-	-
	Pyrene	mg/kg	0.0016	100	<0.0017U	<0.0016U	<0.0017U	-	-	-	-	-	-	-	<0.0016U	-	-	-	<0.0016U	-	-	-

TABLE 8
Summary of Analytical Results - Imported Fill

Former Sperry Remington Site - North Portion
Elmira, New York

				Field ID	BP-SC-101	BP-SC-102	BP-SC-103	BP-SC-104	BP-SC-105	BP-SC-106	BP-SC-107	BP-SC-108	BP-SC-109	BP-SC-110	BP-SC-111	BP-SC-112	BP-SC-113	BP-SC-114	BP-SC-115	BP-SC-116	BP-SC-117	BP-SC-118	
				Sampled Date	4/26/2018	4/26/2018	4/26/2018	4/26/2018	4/26/2018	4/26/2018	4/26/2018	4/26/2018	4/26/2018	4/26/2018	4/27/2018	4/27/2018	4/27/2018	4/27/2018	4/27/2018	4/27/2018	4/27/2018	4/27/2018	
Method Name	ChemName	Units	EQL	DER-10 App5 Restricted Residential																			
VOCs	1,1,1-trichloroethane	mg/kg	0.0024	0.68	-	-	-	<0.0026U	<0.0028U	<0.0027U	<0.0025U	<0.0025U	<0.0026U	<0.0026U	-	<0.0024U	<0.0026U	<0.0027U	-	<0.0024U	<0.0026U	<0.0025U	
	1,1-dichloroethane	mg/kg	0.0017	0.27	-	-	-	<0.0019U	<0.002U	<0.0019U	<0.0018U	<0.0018U	<0.0019U	<0.0019U	-	<0.0018U	<0.0019U	<0.0019U	-	<0.0017U	<0.0019U	<0.0018U	
	1,1-dichloroethene	mg/kg	0.0028	0.33	-	-	-	<0.0029U	<0.0032U	<0.003U	<0.0029U	<0.0029U	<0.003U	<0.003U	-	<0.0028U	<0.003U	<0.0031U	-	<0.0028U	<0.0029U	<0.0029U	
	1,2,4-trimethylbenzene	mg/kg	0.0013	3.6	-	-	-	<0.0014U	<0.0015U	<0.0014U	<0.0014U	<0.0014U	<0.0014U	<0.0014U	-	<0.0013U	<0.0014U	<0.0014U	-	<0.0013U	<0.0014U	<0.0014U	
	1,2-dichlorobenzene	mg/kg	0.0039	1.1	-	-	-	<0.0041U	<0.0045U	<0.0043U	<0.004U	<0.004U	<0.0042U	<0.0042U	-	<0.0039U	<0.0042U	<0.0043U	-	<0.0039U	<0.0042U	<0.004U	
	1,2-dichloroethane	mg/kg	0.0014	0.02	-	-	-	<0.0015U	<0.0016U	<0.0016U	<0.0015U	<0.0015U	<0.0015U	<0.0015U	-	<0.0014U	<0.0015U	<0.0016U	-	<0.0014U	<0.0015U	<0.0015U	
	1,3,5-trimethylbenzene	mg/kg	0.0017	8.4	-	-	-	<0.0018U	<0.0019U	<0.0018U	<0.0017U	<0.0017U	<0.0018U	<0.0018U	-	<0.0017U	<0.0018U	<0.0018U	-	<0.0017U	<0.0018U	<0.0017U	
	1,3-dichlorobenzene	mg/kg	0.0015	2.4	-	-	-	<0.0016U	<0.0018U	<0.0017U	<0.0016U	<0.0016U	<0.0017U	<0.0017U	-	<0.0016U	<0.0017U	<0.0017U	-	<0.0015U	<0.0016U	<0.0016U	
	1,4-dichlorobenzene	mg/kg	0.00099	1.8	-	-	-	<0.001U	<0.0011U	<0.0011U	<0.001U	<0.001U	<0.0011U	<0.0011U	-	<0.00099U	<0.0011U	<0.0011U	-	<0.00099U	<0.0011U	<0.001U	
	1,4-Dioxane	mg/kg	0.035	0.1	-	-	-	<0.038U	<0.041U	<0.039U	<0.037U	<0.037U	<0.037U	<0.038U	-	<0.036U	<0.038U	<0.039U	-	<0.035U	<0.038U	<0.037U	
	Methyl Ethyl Ketone	mg/kg	0.0028	0.12	-	-	-	<0.003U	<0.0032U	<0.0031U	<0.0029U	<0.0029U	<0.003U	<0.003U	-	<0.0028U	<0.003U	<0.0031U	-	<0.0028U	<0.003U	<0.0029U	
	Acetone	mg/kg	0.003	0.05	-	-	-	<0.0032U	<0.0035U	<0.0034U	<0.0032U	<0.0032U	<0.0033U	<0.0033U	-	<0.0031U	<0.0033U	<0.0034U	-	<0.003U	<0.0033U	<0.0032U	
	Benzene	mg/kg	0.0019	0.06	-	-	-	<0.002U	<0.0022U	<0.0021U	<0.002U	<0.002U	<0.0021U	<0.002U	-	<0.0019U	<0.0021U	<0.0021U	-	<0.0019U	<0.002U	<0.002U	
	Carbon tetrachloride	mg/kg	0.0032	0.76	-	-	-	<0.0034U	<0.0037U	<0.0035U	<0.0033U	<0.0033U	<0.0035U	<0.0035U	-	<0.0032U	<0.0035U	<0.0036U	-	<0.0032U	<0.0034U	<0.0033U	
	Chlorobenzene	mg/kg	0.0015	1.1	-	-	-	<0.0016U	<0.0018U	<0.0017U	<0.0016U	<0.0016U	<0.0017U	<0.0016U	-	<0.0015U	<0.0017U	<0.0017U	-	<0.0015U	<0.0016U	<0.0016U	
	Chloroform	mg/kg	0.002	0.37	-	-	-	<0.0022U	<0.0024U	<0.0023U	<0.0021U	<0.0021U	<0.0022U	<0.0022U	-	<0.0021U	<0.0022U	<0.0023U	-	<0.002U	<0.0022U	<0.0021U	
	cis-1,2-dichloroethene	mg/kg	0.0015	0.25	-	-	-	<0.0016U	<0.0018U	<0.0017U	<0.0016U	<0.0016U	<0.0017U	<0.0016U	-	<0.0015U	<0.0017U	<0.0017U	-	<0.0015U	<0.0016U	<0.0016U	
	Dichloromethane	mg/kg	0.0023	0.05	-	-	-	<0.0024U	<0.0026U	<0.0025U	<0.0024U	<0.0024U	<0.0025U	<0.0025U	-	<0.0029J	<0.0029J	0.0031J	-	<0.0023U	<0.0024U	0.0026J	
	Ethylbenzene	mg/kg	0.0021	1	-	-	-	<0.0022U	<0.0024U	<0.0023U	<0.0022U	<0.0022U	<0.0023U	<0.0022U	-	<0.0021U	<0.0023U	<0.0023U	-	<0.0021U	<0.0022U	<0.0022U	
	Methyl-tert-butyl ether	mg/kg	0.0036	0.93	-	-	-	<0.0038U	<0.0041U	<0.0039U	<0.0037U	<0.0037U	<0.0039U	<0.0038U	-	<0.0036U	<0.0039U	<0.0039U	-	<0.0036U	<0.0038U	<0.0037U	
	n-butylbenzene	mg/kg	0.0037	12	-	-	-	<0.0039U	<0.0042U	<0.0041U	<0.0038U	<0.0038U	<0.004U	<0.0039U	-	<0.0037U	<0.004U	<0.0041U	-	<0.0037U	<0.0039U	<0.0038U	
	n-propylbenzene	mg/kg	0.002	3.9	-	-	-	<0.0022U	<0.0024U	<0.0023U	<0.0021U	<0.0021U	<0.0022U	<0.0022U	-	<0.0021U	<0.0022U	<0.0023U	-	<0.002U	<0.0022U	<0.0021U	
	sec-butylbenzene	mg/kg	0.0024	11	-	-	-	<0.0025U	<0.0027U	<0.0026U	<0.0025U	<0.0024U	<0.0026U	<0.0025U	-	<0.0024U	<0.0026U	<0.0026U	-	<0.0024U	<0.0025U	<0.0024U	
	Trichloroethene	mg/kg	0.0015	0.47	-	-	-	<0.0015U	<0.0017U	<0.0016U	<0.0015U	<0.0015U	<0.0016U	<0.0016U	-	<0.0015U	<0.0016U	<0.0016U	-	<0.0015U	<0.0016U	<0.0015U	
	tert-butylbenzene	mg/kg	0.0018	5.9	-	-	-	<0.0019U	<0.0021U	<0.002U	<0.0018U	<0.0018U	<0.0019U	<0.0019U	-	<0.0018U	<0.0019U	<0.002U	-	<0.0018U	<0.0019U	<0.0018U	
	Tetrachloroethene	mg/kg	0.0019	1.3	-	-	-	<0.0021U	<0.0022U	<0.0021U	<0.002U	<0.002U	<0.0021U	<0.0021U	-	<0.0019U	<0.0021U	<0.0021U	-	<0.0019U	<0.0021U	<0.002U	
	Toluene	mg/kg	0.0016	0.7	-	-	-	<0.0017U	<0.0019U	<0.0018U	<0.0017U	<0.0017U	<0.0018U	<0.0018U	-	<0.0016U	<0.0018U	<0.0018U	-	<0.0016U	<0.0017U	<0.0017U	
	trans-1,2-dichloroethene	mg/kg	0.0025	0.19	-	-	-	<0.0026U	<0.0028U	<0.0027U	<0.0026U	<0.0025U	<0.0027U	<0.0026U	-	<0.0025U	<0.0027U	<0.0027U	-	<0.0025U	<0.0026U	<0.0025U	
	Vinyl chloride	mg/kg	0.0035	0.02	-	-	-	<0.0038U	<0.0041U	<0.0039U	<0.0037U	<0.0037U	<0.0037U	<0.0038U	-	<0.0036U	<0.0039U	<0.0039U	-	<0.0035U	<0.0038U	<0.0037U	
	Xylene Total	mg/kg	0.0042	1.6	-	-	-	<0.0044U	<0.0048U	<0.0046U	<0.0043U	<0.0043U	<0.0045U	<0.0045U	-	<0.0042U	<0.0045U	<0.0046U	-	<0.0042U	<0.0044U	<0.0043U	
Metals and Inorganics	Cyanide Total	mg/kg	0.24	27	<0.25U	<0.25U	<0.25U	-	-	-	-	-	-	-	<0.28U	-	-	-	-	<0.24U	-	-	-
	Arsenic	mg/kg	1	16	5.1	4.7	5.2	-	-	-	-	-	-	-	4.9	-	-	-	-	4.5	-	-	-
	Barium	mg/kg	20	400	52	47	54	-	-	-	-	-	-	-	50	-	-	-	-	46	-	-	-
	Beryllium	mg/kg	0.4	47	0.28J	0.28J	0.32J	-	-	-	-	-	-	-	0.34J	-	-	-	-	0.27J	-	-	-
	Cadmium	mg/kg	0.042	4.3	0.15J	0.15J	0.19J	-	-	-	-	-	-	-	0.15J	-	-	-	-	0.15J	-	-	-
	Chromium (III+VI)	mg/kg	0.5	19	9.3	9.8	9.9	-	-	-	-	-	-	-	10	-	-	-	-	8.9	-	-	-
	Copper	mg/kg	2.5	270	27	25	30	-	-	-	-	-	-	-	32	-	-	-	-	23	-	-	-
	Lead	mg/kg	1	400	7.1	6.5	7.9	-	-	-	-	-	-	-	6.9	-	-	-	-	6	-	-	-
	Manganese	mg/kg	1.5	2000	450	390	580	-	-	-	-	-	-	-	410	-	-	-	-	410	-	-	-
	Nickel	mg/kg	4	130	18	19	21	-	-	-	-	-	-	-	21	-	-	-	-	18	-	-	-
	Selenium	mg/kg	0.59	4	0.98J	0.64J	1.2	-	-	-	-	-	-	-	0.81J	-	-	-	-	0.94J	-	-	-
	Silver	mg/kg	0.11	8.3	<0.11U	0.14J	<0.11U	-	-	-	-	-	-	-	<0.11U	-	-	-	-	<0.11U	-	-	-
	Zinc	mg/kg	2	2480	71	69	82	-	-	-	-	-	-	-	77	-	-	-	-	61	-	-	-
	Mercury	mg/kg	0.027	0.73	0.014J	0.014J	0.016J	-	-	-	-	-	-	-	0.0096J	-	-	-	-	0.0099J	-	-	-

Notes:
J - estimated value
U - non-detect
mg/kg - milligrams per kilogram

TABLE 8
Summary of Analytical Results - Imported Fill

Former Sperry Remington Site - North Portion
Elmira, New York

				Field_ID	BP-SC-119	BP-SC-120	BP-SC-121	BP-SC-122	BP-SC-123	BP-SC-124	BP-SC-125	BP-SC-126	BP-SC-127	BP-SC-128	BP-SC-129	BP-SC-130	BP-SC-131	BP-SC-132	BP-SC-133	BP-SC-134	BP-SC-135	BP-SC-136
				Sampled Date	4/27/2018	4/27/2018	4/27/2018	4/27/2018	4/27/2018	4/27/2018	4/27/2018	4/27/2018	4/27/2018	4/27/2018	4/27/2018	4/27/2018	4/27/2018	4/27/2018	4/27/2018	4/27/2018	4/27/2018	4/27/2018
Method Name	ChemName	Units	EQL	DER-10 App5 Restricted Residential																		
Pesticides	4,4-DDE	mg/kg	0.00034	8.9	<0.00034U	-	-	-	<0.00035U	-	-	-	<0.00035U	-	-	-	<0.00036U	-	-	-	<0.00035U	<0.00035U
	a-BHC	mg/kg	0.00042	0.02	<0.00042U	-	-	-	<0.00042U	-	-	-	<0.00042U	-	-	-	<0.00043U	-	-	-	<0.00042U	<0.00042U
	Aldrin	mg/kg	0.00053	0.097	<0.00053U	-	-	-	<0.00054U	-	-	-	<0.00053U	-	-	-	<0.00055U	-	-	-	<0.00053U	<0.00054U
	b-BHC	mg/kg	0.00043	0.09	<0.00043U	-	-	-	<0.00044U	-	-	-	<0.00044U	-	-	-	<0.00045U	-	-	-	<0.00044U	<0.00044U
	Chlordane (cis)	mg/kg	0.00042	-	<0.00042U	-	-	-	<0.00043U	-	-	-	<0.00043U	-	-	-	<0.00044U	-	-	-	<0.00043U	<0.00043U
	d-BHC	mg/kg	0.00054	0.25	<0.00054U	-	-	-	<0.00055U	-	-	-	<0.00054U	-	-	-	<0.00056U	-	-	-	<0.00054U	<0.00055U
	DDD	mg/kg	0.00045	13	<0.00045U	-	-	-	<0.00046U	-	-	-	<0.00046U	-	-	-	<0.00047U	-	-	-	<0.00046U	<0.00046U
	DDT	mg/kg	0.00064	7.9	<0.00064U	-	-	-	<0.00066U	-	-	-	<0.00066U	-	-	-	<0.00067U	-	-	-	<0.00065U	<0.00066U
	Dieldrin	mg/kg	0.00042	0.1	<0.00042U	-	-	-	<0.00043U	-	-	-	<0.00043U	-	-	-	<0.00044U	-	-	-	<0.00043U	<0.00043U
	Endosulfan I	mg/kg	0.00046	24	<0.00046U	-	-	-	<0.00047U	-	-	-	<0.00047U	-	-	-	<0.00048U	-	-	-	<0.00047U	<0.00047U
	Endosulfan II	mg/kg	0.00037	24	<0.00037U	-	-	-	<0.00038U	-	-	-	<0.00038U	-	-	-	<0.00039U	-	-	-	<0.00038U	<0.00038U
	Endosulfan sulphate	mg/kg	0.00044	24	<0.00044U	-	-	-	<0.00044U	-	-	-	<0.00045U	-	-	-	<0.00046U	-	-	-	<0.00045U	<0.00045U
	Endrin	mg/kg	0.00066	0.06	<0.00066U	-	-	-	<0.00067U	-	-	-	<0.00067U	-	-	-	<0.00069U	-	-	-	<0.00067U	<0.00067U
	g-BHC (Lindane)	mg/kg	0.00058	0.1	<0.00058U	-	-	-	<0.00059U	-	-	-	<0.00059U	-	-	-	<0.0006U	-	-	-	<0.00059U	<0.00059U
PCBs	Heptachlor	mg/kg	0.00053	0.38	<0.00053U	-	-	-	<0.00054U	-	-	-	<0.00054U	-	-	-	<0.00055U	-	-	-	<0.00054U	<0.00054U
	Arochlor 1016	mg/kg	0.0055	-	<0.0055U	-	-	-	<0.0055U	-	-	-	<0.0056U	-	-	-	<0.0057U	-	-	-	<0.0056U	<0.0056U
	Arochlor 1221	mg/kg	0.011	-	<0.011U	-	-	-	<0.011U	-	-	-	<0.011U	-	-	-	<0.011U	-	-	-	<0.011U	<0.011U
	Arochlor 1232	mg/kg	0.01	-	<0.01U	-	-	-	<0.01U	-	-	-	<0.01U	-	-	-	<0.01U	-	-	-	<0.01U	<0.01U
	Arochlor 1242	mg/kg	0.01	-	<0.01U	-	-	-	<0.01U	-	-	-	<0.01U	-	-	-	<0.011U	-	-	-	<0.01U	<0.01U
	Arochlor 1248	mg/kg	0.013	-	<0.013U	-	-	-	<0.014U	-	-	-	<0.014U	-	-	-	<0.014U	-	-	-	<0.014U	<0.014U
	Arochlor 1254	mg/kg	0.012	-	<0.012U	-	-	-	<0.012U	-	-	-	<0.012U	-	-	-	<0.012U	-	-	-	<0.012U	<0.012U
	Arochlor 1260	mg/kg	0.0048	-	<0.0048U	-	-	-	<0.0049U	-	-	-	<0.0049U	-	-	-	<0.005U	-	-	-	<0.0049U	<0.0049U
	Arochlor 1268	mg/kg	0.0082	-	<0.0082U	-	-	-	<0.0084U	-	-	-	<0.0083U	-	-	-	<0.0086U	-	-	-	<0.0083U	<0.0084U
	Arochlor 1262	mg/kg	0.012	-	<0.012U	-	-	-	<0.012U	-	-	-	<0.012U	-	-	-	<0.012U	-	-	-	<0.012U	<0.012U
Herbicides	Total PCBs	mg/kg		1	<0.0865	-	-	-	<0.0879	-	-	-	<0.0878	-	-	-	<0.0893	-	-	-	<0.0878	<0.0879
Herbicides	2,4,5-TP (Silvex)	mg/kg	0.0069	3.8	<0.0069U	-	-	-	<0.0069U	-	-	-	<0.007U	-	-	-	<0.0069U	-	-	-	<0.007U	<0.0069U
SVOCs	1,4-Dioxane	mg/kg	0.011	0.1	<0.011U	-	-	-	<0.011U	-	-	-	<0.011U	-	-	-	<0.011U	-	-	-	<0.011U	<0.011U
	2-methylphenol	mg/kg	0.0097	0.33	<0.0098U	-	-	-	<0.0097U	-	-	-	<0.01U	-	-	-	<0.0098U	-	-	-	<0.01U	<0.0098U
	4-methylphenol	mg/kg	0.0099	0.33	<0.01U	-	-	-	<0.01U	-	-	-	<0.01U	-	-	-	<0.01U	-	-	-	<0.01U	<0.01U
	Acenaphthene	mg/kg	0.002	98	<0.002U	-	-	-	<0.002U	-	-	-	<0.002U	-	-	-	<0.002U	-	-	-	<0.002U	<0.002U
	Acenaphthylene	mg/kg	0.0015	100	<0.0015U	-	-	-	<0.0015U	-	-	-	<0.0015U	-	-	-	<0.0015U	-	-	-	<0.0015U	<0.0015U
	Anthracene	mg/kg	0.0018	100	<0.0018U	-	-	-	<0.0018U	-	-	-	<0.0018U	-	-	-	<0.0018U	-	-	-	<0.0018U	<0.0018U
	Benz(a)anthracene	mg/kg	0.0013	1	<0.0013U	-	-	-	<0.0013U	-	-	-	<0.0013U	-	-	-	<0.0013U	-	-	-	<0.0013U	<0.0013U
	Benzo(a) pyrene	mg/kg	0.0015	1	<0.0015U	-	-	-	<0.0015U	-	-	-	<0.0015U	-	-	-	<0.0015U	-	-	-	<0.0015U	<0.0015U
	Benzo(b)fluoranthene	mg/kg	0.0017	1	<0.0017U	-	-	-	<0.0017U	-	-	-	<0.0017U	-	-	-	<0.0017U	-	-	-	<0.0017U	<0.0017U
	Benzo(g,h,i)perylene	mg/kg	0.0015	100	<0.0015U	-	-	-	<0.0015U	-	-	-	<0.0015U	-	-	-	<0.0015U	-	-	-	<0.0015U	<0.0015U
	Benzo(k)fluoranthene	mg/kg	0.002	1.7	<0.0021U	-	-	-	<0.002U	-	-	-	<0.0021U	-	-	-	<0.0021U	-	-	-	<0.0021U	<0.0021U
	Chrysene	mg/kg	0.0013	1	<0.0013U	-	-	-	<0.0013U	-	-	-	<0.0014U	-	-	-	<0.0013U	-	-	-	<0.0014U	<0.0013U
	Dibenz(a,h)anthracene	mg/kg	0.0015	0.33	<0.0015U	-	-	-	<0.0015U	-	-	-	<0.0016U	-	-	-	<0.0015U	-	-	-	<0.0016U	<0.0015U
	Dibenzofuran	mg/kg	0.0015	59	<0.0015U	-	-	-	<0.0015U	-	-	-	<0.0015U	-	-	-	<0.0015U	-	-	-	<0.0015U	<0.0015U
	Fluoranthene	mg/kg	0.0018	100	<0.0018U	-	-	-	<0.0018U	-	-	-	<0.0018U	-	-	-	<0.0018U	-	-	-	<0.0019U	<0.0018U
	Fluorene	mg/kg	0.0013	100	<0.0013U	-	-	-	<0.0013U	-	-	-	<0.0014U	-	-	-	<0.0013U	-	-	-	<0.0014U	<0.0013U
	Hexachlorobenzene	mg/kg	0.0024	1.2	<0.0025U	-	-	-	<0.0024U	-	-	-	<0.0025U	-	-	-	<0.0025U	-	-	-	<0.0025U	<0.0025U
	Indeno(1,2,3-c,d)pyrene	mg/kg	0.0014	0.5	<0.0014U	-	-	-	<0.0014U	-	-	-	<0.0014U	-	-	-	<0.0014U	-	-	-	<0.0014U	<0.0014U
	Naphthalene	mg/kg	0.0013	12	<0.0013U	-	-	-	<0.0013U	-	-	-	<0.0014U	-	-	-	<0.0013U	-	-	-	<0.0014U	<0.0013U
	Pentachlorophenol	mg/kg	0.054	0.8	<0.055U	-	-	-	<0.055U	-	-	-	<0.056U	-	-	-	<0.055U	-	-	-	<0.056U	<0.055U
	Phenanthrene	mg/kg	0.0018	100	<0.0018U	-	-	-	<0.0018U	-	-	-	<0.0019U	-	-	-	<0.0018U	-	-	-	<0.0019U	<0.0018U
	Phenol	mg/kg	0.01	0.33	<0.01U	-	-	-	<0.01U	-	-	-	<0.011U	-	-	-	<0.01U	-	-	-	<0.011U	<0.01U
	Pyrene	mg/kg	0.0016	100	<0.0016U	-	-	-	<0.0016U	-	-	-	<0.0017U	-	-	-	<0.0016U	-	-	-	<0.0017U	<0.0016U

TABLE 8
Summary of Analytical Results - Imported Fill

Former Sperry Remington Site - North Portion
Elmira, New York

				Field_ID	BP-SC-119	BP-SC-120	BP-SC-121	BP-SC-122	BP-SC-123	BP-SC-124	BP-SC-125	BP-SC-126	BP-SC-127	BP-SC-128	BP-SC-129	BP-SC-130	BP-SC-131	BP-SC-132	BP-SC-133	BP-SC-134	BP-SC-135	BP-SC-136
				Sampled Date	4/27/2018	4/27/2018	4/27/2018	4/27/2018	4/27/2018	4/27/2018	4/27/2018	4/27/2018	4/27/2018	4/27/2018	4/27/2018	4/27/2018	4/27/2018	4/27/2018	4/27/2018	4/27/2018	4/27/2018	4/27/2018
Method Name	ChemName	Units	EQL	DER-10 App5 Restricted Residential																		
VOCs	1,1,1-trichloroethane	mg/kg	0.0024	0.68	-	<0.0025U	<0.0024U	<0.0026U	-	<0.0026U	<0.061U	<0.0026U	-	<0.0026U	<0.0024U	<0.0027U	-	<0.0027U	<0.0026U	<0.0026U	-	-
	1,1-dichloroethane	mg/kg	0.0017	0.27	-	<0.0018U	<0.0018U	<0.0019U	-	<0.0019U	<0.044U	<0.0019U	-	<0.0019U	<0.0018U	<0.002U	-	<0.0019U	<0.0019U	<0.0019U	-	-
	1,1-dichloroethene	mg/kg	0.0028	0.33	-	<0.0029U	<0.0028U	<0.0029U	-	<0.003U	<0.069U	<0.003U	-	<0.0029U	<0.0028U	<0.0031U	-	<0.0031U	<0.0029U	<0.0029U	-	-
	1,2,4-trimethylbenzene	mg/kg	0.0013	3.6	-	<0.0014U	<0.0013U	<0.0014U	-	<0.0014U	<0.033U	<0.0014U	-	<0.0014U	<0.0013U	<0.0015U	-	<0.0014U	<0.0014U	<0.0014U	-	-
	1,2-dichlorobenzene	mg/kg	0.0039	1.1	-	<0.0041U	<0.0039U	<0.0041U	-	<0.0042U	<0.097U	<0.0042U	-	<0.0042U	<0.0039U	<0.0044U	-	<0.0043U	<0.0041U	<0.0041U	-	-
	1,2-dichloroethane	mg/kg	0.0014	0.02	-	<0.0015U	<0.0014U	<0.0015U	-	<0.0015U	<0.035U	<0.0015U	-	<0.0015U	<0.0014U	<0.0016U	-	<0.0016U	<0.0015U	<0.0015U	-	-
	1,3,5-trimethylbenzene	mg/kg	0.0017	8.4	-	<0.0017U	<0.0017U	<0.0018U	-	<0.0018U	<0.042U	<0.0018U	-	<0.0018U	<0.0017U	<0.0019U	-	<0.0018U	<0.0018U	<0.0018U	-	-
	1,3-dichlorobenzene	mg/kg	0.0015	2.4	-	<0.0015U	<0.0016U	<0.0016U	-	<0.0017U	<0.038U	<0.0017U	-	<0.0016U	<0.0016U	<0.0017U	-	<0.0017U	<0.0016U	<0.0016U	-	-
	1,4-dichlorobenzene	mg/kg	0.00099	1.8	-	<0.001U	<0.00099U	<0.001U	-	<0.0011U	<0.025U	<0.0011U	-	<0.0011U	<0.00099U	<0.0011U	-	<0.0011U	<0.0011U	<0.0011U	-	-
	1,4-Dioxane	mg/kg	0.035	0.1	-	<0.037U	<0.036U	<0.037U	-	<0.038U	<0.88U	<0.038U	-	<0.038U	<0.036U	<0.04U	-	<0.039U	<0.038U	<0.038U	-	-
	Methyl Ethyl Ketone	mg/kg	0.0028	0.12	-	<0.0029U	<0.0028U	<0.003U	-	<0.003U	<0.07U	<0.003U	-	<0.003U	<0.0028U	<0.0032U	-	<0.0031U	<0.003U	<0.003U	-	-
	Acetone	mg/kg	0.003	0.05	-	<0.0031U	<0.0032U	<0.0032U	-	<0.0033U	<0.076U	<0.0033U	-	<0.0033U	<0.0031U	<0.0035U	-	0.0053J	0.005J	<0.0032U	-	-
	Benzene	mg/kg	0.0019	0.06	-	<0.002U	<0.0019U	<0.002U	-	<0.0021U	<0.047U	<0.0021U	-	<0.002U	<0.0019U	<0.0021U	-	<0.0021U	<0.002U	<0.002U	-	-
	Carbon tetrachloride	mg/kg	0.0032	0.76	-	<0.0034U	<0.0032U	<0.0034U	-	<0.0035U	<0.08U	<0.0035U	-	<0.0034U	<0.0032U	<0.0036U	-	<0.0036U	<0.0034U	<0.0034U	-	-
	Chlorobenzene	mg/kg	0.0015	1.1	-	<0.0016U	<0.0015U	<0.0016U	-	<0.0017U	<0.038U	<0.0017U	-	<0.0016U	<0.0015U	<0.0017U	-	<0.0017U	<0.0016U	<0.0016U	-	-
	Chloroform	mg/kg	0.002	0.37	-	<0.0021U	<0.0021U	<0.0022U	-	<0.0022U	<0.051U	<0.0022U	-	<0.0022U	<0.0021U	<0.0023U	-	<0.0023U	<0.0022U	<0.0022U	-	-
	cis-1,2-dichloroethene	mg/kg	0.0015	0.25	-	<0.0016U	<0.0015U	<0.0016U	-	<0.0017U	<0.038U	<0.0017U	-	<0.0016U	<0.0015U	<0.0017U	-	<0.0017U	<0.0016U	<0.0016U	-	-
	Dichloromethane	mg/kg	0.0023	0.05	-	0.0026J	0.0026J	0.0025J	-	0.0028J	<0.057U	0.0027J	-	<0.0024U	0.0023J	<0.0026U	-	<0.0025U	<0.0024U	0.0024J	-	-
	Ethylbenzene	mg/kg	0.0021	1	-	<0.0022U	<0.0021U	<0.0022U	-	<0.0023U	<0.052U	<0.0023U	-	<0.0022U	<0.0021U	<0.0024U	-	<0.0023U	<0.0022U	<0.0022U	-	-
	Methyl-tert-butyl ether	mg/kg	0.0036	0.93	-	<0.0037U	<0.0036U	<0.0038U	-	<0.0039U	<0.089U	<0.0039U	-	<0.0038U	<0.0036U	<0.004U	-	<0.004U	<0.0038U	<0.0038U	-	-
	n-butylbenzene	mg/kg	0.0037	12	-	<0.0038U	<0.0037U	<0.0039U	-	<0.004U	<0.092U	<0.004U	-	<0.0039U	<0.0037U	<0.0042U	-	<0.0041U	<0.0039U	<0.0039U	-	-
	n-propylbenzene	mg/kg	0.002	3.9	-	<0.0021U	<0.002U	<0.0022U	-	<0.0022U	<0.051U	<0.0022U	-	<0.0022U	<0.0021U	<0.0023U	-	<0.0023U	<0.0022U	<0.0022U	-	-
	sec-butylbenzene	mg/kg	0.0024	11	-	<0.0025U	<0.0024U	<0.0025U	-	<0.0026U	<0.059U	<0.0026U	-	<0.0025U	<0.0024U	<0.0027U	-	<0.0026U	<0.0025U	<0.0025U	-	-
	Trichloroethene	mg/kg	0.0015	0.47	-	<0.0015U	<0.0015U	<0.0015U	-	<0.0016U	<0.036U	<0.0016U	-	<0.0016U	<0.0015U	<0.0016U	-	<0.0016U	<0.0015U	<0.0015U,F1	-	-
	tert-butylbenzene	mg/kg	0.0018	5.9	-	<0.0019U	<0.0018U	<0.0019U	-	<0.0019U	<0.044U	<0.0019U	-	<0.0019U	<0.0018U	<0.002U	-	<0.002U	<0.0019U	<0.0019U	-	-
	Tetrachloroethene	mg/kg	0.0019	1.3	-	<0.002U	<0.0019U	<0.002U	-	<0.0021U	<0.048U	<0.0021U	-	<0.0021U	<0.0019U	<0.0022U	-	<0.0021U	<0.0021U	<0.0021U,F1	-	-
	Toluene	mg/kg	0.0016	0.7	-	<0.0017U	<0.0016U	<0.0017U	-	<0.0018U	<0.041U	<0.0018U	-	<0.0017U	<0.0016U	<0.0018U	-	<0.0018U	<0.0017U	<0.0017U	-	-
	trans-1,2-dichloroethene	mg/kg	0.0025	0.19	-	<0.0026U	<0.0025U	<0.0026U	-	<0.0027U	<0.061U	<0.0027U	-	<0.0026U	<0.0025U	<0.0028U	-	<0.0027U	<0.0026U	<0.0026U	-	-
	Vinyl chloride	mg/kg	0.0035	0.02	-	<0.0037U	<0.0036U	<0.0038U	-	<0.0039U	<0.089U	<0.0039U	-	<0.0038U	<0.0036U	<0.004U	-	<0.0039U	<0.0038U	<0.0038U	-	-
	Xylene Total	mg/kg	0.0042	1.6	-	<0.0044U	<0.0042U	<0.0044U	-	<0.0045U	<0.1U	<0.0045U	-	<0.0045U	<0.0042U	<0.0047U	-	<0.0046U	<0.0044U	<0.0044U	-	-
Metals and Inorganics	Cyanide Total	mg/kg	0.24	27	<0.24U	-	-	-	<0.25U	-	-	-	<0.28U	-	-	-	<0.26U	-	-	-	-	<0.27U
	Arsenic	mg/kg	1	16	4.7	-	-	-	3.7	-	-	-	3.8	-	-	-	4.8	-	-	-	4.5	5.1
	Barium	mg/kg	20	400	46	-	-	-	41	-	-	-	35	-	-	-	49	-	-	-	36	75
	Beryllium	mg/kg	0.4	47	0.27J	-	-	-	0.25J	-	-	-	0.21J	-	-	-	0.29J	-	-	-	0.24J	0.34J
	Cadmium	mg/kg	0.042	4.3	0.45J	-	-	-	0.12J	-	-	-	0.12J	-	-	-	0.2J	-	-	-	0.13J	0.22J
	Chromium (III+VI)	mg/kg	0.5	19	9.1	-	-	-	8.4	-	-	-	6.9	-	-	-	9.7	-	-	-	8.3	12
	Copper	mg/kg	2.5	270	26	-	-	-	23	-	-	-	20	-	-	-	24	-	-	-	28	33
	Lead	mg/kg	1	400	6	-	-	-	5.3	-	-	-	4.9	-	-	-	6.4	-	-	-	5.5	7.7
	Manganese	mg/kg	1.5	2000	320	-	-	-	520	-	-	-	330	-	-	-	600	-	-	-	290	690
	Nickel	mg/kg	4	130	17	-	-	-	17	-	-	-	14	-	-	-	21	-	-	-	16	23
	Selenium	mg/kg	0.59	4	1.2	-	-	-	0.79J	-	-	-	1.4	-	-	-	1.1	-	-	-	0.69J	0.61J
	Silver	mg/kg	0.11	8.3	<0.11U	-	-	-	<0.11U	-	-	-	<0.11U	-	-	-	<0.11U	-	-	-	<0.11U	<0.11U
	Zinc	mg/kg	2	2480	63	-	-	-	60	-	-	-	51	-	-	-	70	-	-	-	56	81
	Mercury	mg/kg	0.027	0.73	0.0095J	-	-	-	0.011J	-	-	-	0.0089J	-	-	-	0.01J	-	-	-	0.01J	0.0082J

Notes:
J - estimated value
U - non-detect
mg/kg - milligrams per kilogram

TABLE 8
Summary of Analytical Results - Imported Fill

Former Sperry Remington Site - North Portion
Elmira, New York

				Field_ID	BP-SC-201	BP-SC-202	BP-SC-203	BP-SC-204	BP-SC-205	BP-SC-206	BP-SC-207	BP-SC-208	BP-SC-209	BP-SC-210	BP-SC-211	BP-SC-212	BR-SC-101	BR-SC-102	BR-SC-103	BR-SC-104	BR-SC-105	BR-SC-106	BR-SC-107
				Sampled Date	8/24/2018	8/24/2018	8/24/2018	8/24/2018	8/24/2018	8/24/2018	8/24/2018	8/24/2018	8/24/2018	8/24/2018	8/24/2018	8/24/2018	8/30/2018	8/30/2018	8/30/2018	8/30/2018	8/30/2018	8/30/2018	8/30/2018
Method Name	ChemName	Units	EQL	DER-10 App5 Restricted Residential																			
Pesticides	4,4-DDE	mg/kg	0.00034	8.9	-	-	-	-	-	-	-	-	<0.00036U	<0.00039U	<0.00036U	<0.00035U	-	-	-	-	-	-	-
	a-BHC	mg/kg	0.00042	0.02	-	-	-	-	-	-	-	-	<0.00043U	<0.00047U	<0.00044U	<0.00043U	-	-	-	-	-	-	-
	Aldrin	mg/kg	0.00053	0.097	-	-	-	-	-	-	-	-	<0.00054U	<0.0006U	<0.00055U	<0.00054U	-	-	-	-	-	-	-
	b-BHC	mg/kg	0.00043	0.09	-	-	-	-	-	-	-	-	<0.00045U	<0.00049U	<0.00046U	<0.00045U	-	-	-	-	-	-	-
	Chlordane (cis)	mg/kg	0.00042	-	-	-	-	-	-	-	-	-	<0.00044U	<0.00048U	<0.00045U	<0.00044U	-	-	-	-	-	-	-
	d-BHC	mg/kg	0.00054	0.25	-	-	-	-	-	-	-	-	<0.00056U	<0.00061U	<0.00056U	<0.00055U	-	-	-	-	-	-	-
	DDD	mg/kg	0.00045	13	-	-	-	-	-	-	-	-	<0.00047U	<0.00052U	<0.00048U	<0.00047U	-	-	-	-	-	-	-
	DDT	mg/kg	0.00064	7.9	-	-	-	-	-	-	-	-	<0.00067U	0.002	<0.00068U	<0.00066U	-	-	-	-	-	-	-
	Dieldrin	mg/kg	0.00042	0.1	-	-	-	-	-	-	-	-	<0.00044U	<0.00048U	<0.00045U	<0.00044U	-	-	-	-	-	-	-
	Endosulfan I	mg/kg	0.00046	24	-	-	-	-	-	-	-	-	<0.00048U	<0.00052U	<0.00048U	<0.00047U	-	-	-	-	-	-	-
	Endosulfan II	mg/kg	0.00037	24	-	-	-	-	-	-	-	-	<0.00039U	<0.00042U	<0.00039U	<0.00038U	-	-	-	-	-	-	-
	Endosulfan sulphate	mg/kg	0.00044	24	-	-	-	-	-	-	-	-	<0.00046U	<0.0004U	<0.0004U	<0.00045U	-	-	-	-	-	-	-
	Endrin	mg/kg	0.00066	0.06	-	-	-	-	-	-	-	-	<0.00068U	<0.00075U	<0.00069U	<0.00068U	-	-	-	-	-	-	-
	g-BHC (Lindane)	mg/kg	0.00058	0.1	-	-	-	-	-	-	-	-	<0.0006U	<0.00066U	<0.00061U	<0.00059U	-	-	-	-	-	-	-
	Heptachlor	mg/kg	0.00053	0.38	-	-	-	-	-	-	-	-	<0.00055U	<0.0006U	<0.00056U	<0.00054U	-	-	-	-	-	-	-
PCBs	Arochlor 1016	mg/kg	0.0055	-	-	-	-	-	-	-	-	-	<0.0057U	<0.0063U	<0.0058U	<0.0057U	-	-	-	-	-	-	-
	Arochlor 1221	mg/kg	0.011	-	-	-	-	-	-	-	-	-	<0.011U	<0.012U	<0.012U	<0.011U	-	-	-	-	-	-	-
	Arochlor 1232	mg/kg	0.01	-	-	-	-	-	-	-	-	-	<0.01U	<0.011U	<0.011U	<0.01U	-	-	-	-	-	-	-
	Arochlor 1242	mg/kg	0.01	-	-	-	-	-	-	-	-	-	<0.01U	<0.012U	<0.011U	<0.01U	-	-	-	-	-	-	-
	Arochlor 1248	mg/kg	0.013	-	-	-	-	-	-	-	-	-	<0.014U	<0.015U	<0.014U	<0.014U	-	-	-	-	-	-	-
	Arochlor 1254	mg/kg	0.012	-	-	-	-	-	-	-	-	-	<0.012U	<0.013U	<0.012U	<0.012U	-	-	-	-	-	-	-
	Arochlor 1260	mg/kg	0.0048	-	-	-	-	-	-	-	-	-	<0.005U	<0.0055U	<0.0051U	<0.0049U	-	-	-	-	-	-	-
	Arochlor 1268	mg/kg	0.0082	-	-	-	-	-	-	-	-	-	<0.0085U	<0.0093U	<0.0086U	<0.0084U	-	-	-	-	-	-	-
	Arochlor 1262	mg/kg	0.012	-	-	-	-	-	-	-	-	-	<0.012U	<0.014U	<0.012U	<0.012U	-	-	-	-	-	-	-
	Total PCBs	mg/kg		1	-	-	-	-	-	-	-	-	<0.0882	<0.0981	<0.0915	<0.088	-	-	-	-	-	-	-
Herbicides	2,4,5-TP (Silvex)	mg/kg	0.0069	3.8	-	-	-	-	-	-	-	-	<0.007U	<0.0076U	<0.0071U	<0.0071U	-	-	-	-	-	-	-
SVOCs	1,4-Dioxane	mg/kg	0.011	0.1	-	-	-	-	-	-	-	-	<0.011U	<0.012U	<0.011U	<0.011U	-	-	-	-	-	-	-
	2-methylphenol	mg/kg	0.0097	0.33	-	-	-	-	-	-	-	-	<0.01U	<0.011U	<0.01U	<0.01U	-	-	-	-	-	-	-
	4-methylphenol	mg/kg	0.0099	0.33	-	-	-	-	-	-	-	-	<0.01U	<0.011U	<0.011U	<0.01U	-	-	-	-	-	-	-
	Acenaphthene	mg/kg	0.002	98	-	-	-	-	-	-	-	-	0.012	0.012	0.0088	0.0059J	-	-	-	-	-	-	-
	Acenaphthylene	mg/kg	0.0015	100	-	-	-	-	-	-	-	-	0.0045J	0.0029J	0.0026J	0.0018J	-	-	-	-	-	-	-
	Anthracene	mg/kg	0.0018	100	-	-	-	-	-	-	-	-	<0.0019U	<0.0019U	<0.0019U	<0.0018U	-	-	-	-	-	-	-
	Benz(a)anthracene	mg/kg	0.0013	1	-	-	-	-	-	-	-	-	<0.0014U	<0.0014U	<0.0014U	<0.0013U	-	-	-	-	-	-	-
	Benzo(a) pyrene	mg/kg	0.0015	1	-	-	-	-	-	-	-	-	<0.0016U	<0.0016U	<0.0016U	<0.0015U	-	-	-	-	-	-	-
	Benzo(b)fluoranthene	mg/kg	0.0017	1	-	-	-	-	-	-	-	-	<0.0018U	<0.0018U	<0.0018U	<0.0017U	-	-	-	-	-	-	-
	Benzo(g,h,i)perylene	mg/kg	0.0015	100	-	-	-	-	-	-	-	-	0.0028J	<0.0016U	<0.0015U	<0.0015U	-	-	-	-	-	-	-
	Benzo(k)fluoranthene	mg/kg	0.002	1.7	-	-	-	-	-	-	-	-	<0.0021U	<0.0022U	<0.0021U	<0.0021U	-	-	-	-	-	-	-
	Chrysene	mg/kg	0.0013	1	-	-	-	-	-	-	-	-	<0.0014U	<0.0015U	<0.0014U	0.0015J	-	-	-	-	-	-	-
	Dibenz(a,h)anthracene	mg/kg	0.0015	0.33	-	-	-	-	-	-	-	-	<0.0016U	<0.0017U	<0.0016U	<0.0016U	-	-	-	-	-	-	-
	Dibenzofuran	mg/kg	0.0015	59	-	-	-	-	-	-	-	-	<0.0016U	<0.0016U	<0.0016U	<0.0015U	-	-	-	-	-	-	-
	Fluoranthene	mg/kg	0.0018	100	-	-	-	-	-	-	-	-	<0.0019U	0.0021J	<0.0019U	0.0019J	-	-	-	-	-	-	-
	Fluorene	mg/kg	0.0013	100	-	-	-	-	-	-	-	-	0.0048J	0.0051J	0.0036J	0.0025J	-	-	-	-	-	-	-
	Hexachlorobenzene	mg/kg	0.0024	1.2	-	-	-	-	-	-	-	-	<0.0026U	<0.0027U	<0.0026U	<0.0025U	-	-	-	-	-	-	-
	Indeno(1,2,3-c,d)pyrene	mg/kg	0.0014	0.5	-	-	-	-	-	-	-	-	<0.0014U	<0.0015U	<0.0014U	<0.0014U	-	-	-	-	-	-	-
	Naphthalene	mg/kg	0.0013	12	-	-	-	-	-	-	-	-	0.22	0.19	0.14	0.11J	-	-	-	-	-	-	-
	Pentachlorophenol	mg/kg	0.054	0.8	-	-	-	-	-	-	-	-	<0.057U	<0.06U	<0.057U	<0.057U	-	-	-	-	-	-	-
	Phenanthrene	mg/kg	0.0018	100	-	-	-	-	-	-	-	-	0.0046J	0.0084	0.0042J	0.0035J	-	-	-	-	-	-	-
	Phenol	mg/kg	0.01	0.33	-	-	-	-	-	-	-	-	<0.011U	<0.011U	<0.011U	<0.011U	-	-	-	-	-	-	-
	Pyrene	mg/kg	0.0016	100	-	-	-	-	-	-	-	-	<0.0017U	0.0025J	<0.0017U	0.0017J	-	-	-	-	-	-	-

TABLE 8
Summary of Analytical Results - Imported Fill

Former Sperry Remington Site - North Portion
Elmira, New York

				Field_ID	BP-SC-201	BP-SC-202	BP-SC-203	BP-SC-204	BP-SC-205	BP-SC-206	BP-SC-207	BP-SC-208	BP-SC-209	BP-SC-210	BP-SC-211	BP-SC-212	BR-SC-101	BR-SC-102	BR-SC-103	BR-SC-104	BR-SC-105	BR-SC-106	BR-SC-107
				Sampled Date	8/24/2018	8/24/2018	8/24/2018	8/24/2018	8/24/2018	8/24/2018	8/24/2018	8/24/2018	8/24/2018	8/24/2018	8/24/2018	8/24/2018	8/30/2018	8/30/2018	8/30/2018	8/30/2018	8/30/2018	8/30/2018	8/30/2018
Method Name	ChemName	Units	EQL	DER-10 App5 Restricted Residential																			
VOCs	1,1,1-trichloroethane	mg/kg	0.0024	0.68	<0.0028U	<0.0028U	<0.0028U	<0.0029U	<0.0027U	<0.0028U	<0.0027U	<0.0028U	-	-	-	-	<0.0033U	<0.0031U	<0.0031U	<0.0033U	<0.0032U	<0.0033U	<0.0033U
	1,1-dichloroethane	mg/kg	0.0017	0.27	<0.002U	<0.002U	<0.002U	<0.0021U	<0.0019U	<0.002U	<0.002U	<0.002U	-	-	-	-	<0.0024U	<0.0023U	<0.0022U	<0.0024U	<0.0023U	<0.0024U	<0.0024U
	1,1-dichloroethene	mg/kg	0.0028	0.33	<0.0031U	<0.0031U	<0.0032U	<0.0033U	<0.003U	<0.0031U	<0.0031U	<0.0032U	-	-	-	-	<0.0038U	<0.0036U	<0.0035U	<0.0037U	<0.0036U	<0.0038U	<0.0037U
	1,2,4-trimethylbenzene	mg/kg	0.0013	3.6	<0.0015U	<0.0015U	<0.0015U	<0.0016U	<0.0014U	<0.0015U	<0.0015U	<0.0015U	-	-	-	-	<0.0018U	<0.0017U	<0.0017U	<0.0018U	<0.0017U	<0.0018U	<0.0018U
	1,2-dichlorobenzene	mg/kg	0.0039	1.1	<0.0044U	<0.0044U	<0.0045U	<0.0047U	<0.0043U	<0.0044U	<0.0044U	<0.0045U	-	-	-	-	<0.0053U	<0.005U	<0.005U	<0.0053U	<0.0051U	<0.0053U	<0.0053U
	1,2-dichloroethane	mg/kg	0.0014	0.02	<0.0016U	<0.0016U	<0.0016U	<0.0017U	<0.0015U	<0.0016U	<0.0016U	<0.0016U	-	-	-	-	<0.0019U	<0.0018U	<0.0018U	<0.0019U	<0.0019U	<0.0019U	<0.0019U
	1,3,5-trimethylbenzene	mg/kg	0.0017	8.4	<0.0019U	<0.0019U	<0.0019U	<0.002U	<0.0018U	<0.0019U	<0.0019U	<0.0019U	-	-	-	-	<0.0023U	<0.0022U	<0.0021U	<0.0022U	<0.0022U	<0.0023U	<0.0023U
	1,3-dichlorobenzene	mg/kg	0.0015	2.4	<0.0018U	<0.0017U	<0.0018U	<0.0017U	<0.0018U	<0.0019U	<0.0017U	<0.0018U	-	-	-	-	<0.0021U	<0.002U	<0.002U	<0.0021U	<0.0021U	<0.0023U	<0.0021U
	1,4-dichlorobenzene	mg/kg	0.00099	1.8	<0.0011U	<0.0011U	<0.0012U	<0.0012U	<0.0011U	<0.0011U	<0.0011U	<0.0012U	-	-	-	-	<0.0013U	<0.0013U	<0.0013U	<0.0013U	<0.0013U	<0.0013U	<0.0013U
	1,4-Dioxane	mg/kg	0.035	0.1	<0.04U	<0.04U	<0.041U	<0.043U	<0.039U	<0.04U	<0.04U	<0.041U	-	-	-	-	<0.048U	<0.046U	<0.045U	<0.048U	<0.047U	<0.048U	<0.048U
	Methyl Ethyl Ketone	mg/kg	0.0028	0.12	<0.0032U	<0.0032U	<0.0033U	<0.0034U	<0.0031U	<0.0032U	<0.0032U	<0.0033U	-	-	-	-	<0.0038U	<0.0036U	<0.0036U	<0.0038U	<0.0037U	<0.0038U	<0.0038U
	Acetone	mg/kg	0.003	0.05	<0.0035U	<0.0035U	<0.0036U	<0.0037U	0.013J	0.014J	0.0046J	0.022J	-	-	-	-	0.015J	<0.0039U	0.016J	<0.0041U	<0.004U	<0.0061J	<0.0041U
	Benzene	mg/kg	0.0019	0.06	<0.0022U	<0.0022U	<0.0022U	<0.0023U	<0.0021U	<0.0022U	<0.0021U	<0.0022U	-	-	-	-	<0.0026U	<0.0025U	<0.0024U	<0.0026U	<0.0025U	<0.0026U	<0.0026U
	Carbon tetrachloride	mg/kg	0.0032	0.76	<0.0037U	<0.0036U	<0.0037U	<0.0039U	<0.0035U	<0.0037U	<0.0036U	<0.0037U	-	-	-	-	<0.0044U	<0.0042U	<0.0041U	<0.0043U	<0.0042U	<0.0044U	<0.0043U
	Chlorobenzene	mg/kg	0.0015	1.1	<0.0017U	<0.0017U	<0.0018U	<0.0018U	<0.0017U	<0.0017U	<0.0017U	<0.0018U	-	-	-	-	<0.0021U	<0.002U	<0.0019U	<0.0021U	<0.002U	<0.0021U	<0.0021U
	Chloroform	mg/kg	0.002	0.37	<0.0023U	<0.0023U	<0.0024U	<0.0025U	<0.0022U	<0.0023U	<0.0023U	<0.0024U	-	-	-	-	<0.0028U	<0.0026U	<0.0026U	<0.0028U	<0.0027U	<0.0028U	<0.0028U
	cis-1,2-dichloroethene	mg/kg	0.0015	0.25	<0.0017U	<0.0017U	<0.0018U	<0.0018U	<0.0017U	<0.0017U	<0.0017U	<0.0018U	-	-	-	-	<0.0021U	<0.002U	<0.0019U	<0.0021U	<0.002U	<0.0021U	<0.0021U
	Dichloromethane	mg/kg	0.0023	0.05	<0.0026U	<0.0026U	<0.0027U	<0.0028U	<0.0025U	<0.0026U	<0.0026U	<0.0027U	-	-	-	-	<0.0031U	<0.003U	<0.0029U	<0.0031U	<0.003U	<0.0031U	<0.0031U
	Ethylbenzene	mg/kg	0.0021	1	<0.0024U	<0.0024U	<0.0024U	<0.0025U	<0.0023U	<0.0024U	<0.0024U	<0.0024U	-	-	-	-	<0.0028U	<0.0027U	<0.0026U	<0.0028U	<0.0027U	<0.0028U	<0.0028U
	Methyl-tert-butyl ether	mg/kg	0.0036	0.93	<0.0041U	<0.004U	<0.0042U	<0.0043U	<0.0039U	<0.0041U	<0.004U	<0.0042U	-	-	-	-	<0.0049U	<0.0046U	<0.0045U	<0.0048U	<0.0047U	<0.0049U	<0.0048U
	n-butylbenzene	mg/kg	0.0037	12	<0.0042U	<0.0042U	<0.0043U	<0.0044U	<0.004U	<0.0042U	<0.0042U	<0.0043U	-	-	-	-	<0.005U	<0.0047U	<0.0047U	<0.0049U	<0.0048U	<0.005U	<0.005U
	n-propylbenzene	mg/kg	0.002	3.9	<0.0023U	<0.0023U	<0.0024U	<0.0025U	<0.0022U	<0.0023U	<0.0023U	<0.0024U	-	-	-	-	<0.0028U	<0.0026U	<0.0026U	<0.0028U	<0.0027U	<0.0028U	<0.0028U
	sec-butylbenzene	mg/kg	0.0024	11	<0.0027U	<0.0027U	<0.0028U	<0.0028U	<0.0026U	<0.0027U	<0.0027U	<0.0028U	-	-	-	-	<0.0032U	<0.0031U	<0.003U	<0.0032U	<0.0031U	<0.0032U	<0.0032U
	Trichloroethene	mg/kg	0.0015	0.47	<0.0017U	<0.0016U	<0.0017U	<0.0018U	<0.0016U	<0.0017U	<0.0016U	<0.0017U	-	-	-	-	<0.002U	<0.0019U	<0.0018U	<0.002U	<0.0019U	<0.002U	<0.002U
	tert-butylbenzene	mg/kg	0.0018	5.9	<0.002U	<0.002U	<0.0021U	<0.0021U	<0.0019U	<0.002U	<0.002U	<0.0021U	-	-	-	-	<0.0024U	<0.0023U	<0.0023U	<0.0024U	<0.0023U	<0.0024U	<0.0024U
	Tetrachloroethene	mg/kg	0.0019	1.3	<0.0022U	<0.0022U	<0.0023U	<0.0023U	<0.0021U	<0.0022U	0.0055U	0.0057U	-	-	-	-	<0.0026U	<0.0025U	<0.0025U	<0.0026U	<0.0026U	<0.0026U	<0.0026U
	Toluene	mg/kg	0.0016	0.7	<0.0019U	<0.0018U	<0.0019U	<0.002U	<0.0018U	<0.0019U	<0.0018U	<0.0019U	-	-	-	-	<0.0022U	<0.0021U	<0.0021U	<0.0022U	<0.0022U	<0.0022U	<0.0022U
	trans-1,2-dichloroethene	mg/kg	0.0025	0.19	<0.0028U	<0.0028U	<0.0029U	<0.003U	<0.0027U	<0.0028U	<0.0028U	<0.0029U	-	-	-	-	<0.0034U	<0.0032U	<0.0031U	<0.0033U	<0.0032U	<0.0033U	<0.0033U
	Vinyl chloride	mg/kg	0.0035	0.02	<0.0041U	<0.004U	<0.0041U	<0.0043U	<0.0039U	<0.004U	<0.004U	<0.0041U	-	-	-	-	<0.0048U	<0.0046U	<0.0045U	<0.0048U	<0.0047U	<0.0048U	<0.0048U
	Xylene Total	mg/kg	0.0042	1.6	<0.0048U	<0.0047U	<0.0049U	<0.005U	<0.0046U	<0.0047U	<0.0047U	<0.0049U	-	-	-	-	<0.0057U	<0.0054U	<0.0053U	<0.0056U	<0.0055U	<0.0057U	<0.0056U
Metals and Inorganics	Cyanide Total	mg/kg	0.24	27	-	-	-	-	-	-	-	-	<0.26U	<0.29U	<0.26U	<0.25U	-	-	-	-	-	-	-
	Arsenic	mg/kg	1	16	-	-	-	-	-	-	-	-	4.2	5.3	4.7	4.9	-	-	-	-	-	-	-
	Barium	mg/kg	20	400	-	-	-	-	-	-	-	-	36J	51	55	46	-	-	-	-	-	-	-
	Beryllium	mg/kg	0.4	47	-	-	-	-	-	-	-	-	0.23J	0.31J	0.28J	0.27J	-	-	-	-	-	-	-
	Cadmium	mg/kg	0.042	4.3	-	-	-	-	-	-	-	-	0.16J	0.16J	0.15J	0.18J	-	-	-	-	-	-	-
	Chromium (III+VI)	mg/kg	0.5	19	-	-	-	-	-	-	-	-	9.3	10	9.8	9.2	-	-	-	-	-	-	-
	Copper	mg/kg	2.5	270	-	-	-	-	-	-	-	-	29J-	28	27	26	-	-	-	-	-	-	-
	Lead	mg/kg	1	400	-	-	-	-	-	-	-	-	3.9	8.4	49	7	-	-	-	-	-	-	-
	Manganese	mg/kg	1.5	2000	-	-	-	-	-	-	-	-	710	340	410	470	-	-	-	-	-	-	-
	Nickel	mg/kg	4	130	-	-	-	-	-	-	-	-	17	19	18	18	-	-	-	-	-	-	-
	Selenium	mg/kg	0.59	4	-	-	-	-	-	-	-	-	0.78J	<0.62U	0.75J	0.87J	-	-	-	-	-	-	-
	Silver	mg/kg	0.11	8.3	-	-	-	-	-	-	-	-	<0.12U	<0.13U	<0.11U	<0.11U	-	-	-	-	-	-	-
	Zinc	mg/kg	2	2480	-	-	-	-	-	-	-	-	58J-	77	68	71	-	-	-	-	-	-	-
	Mercury	mg/kg	0.027	0.73	-	-	-	-	-	-	-	-	0.01J	0.0087J	0.011J	0.012J	-	-	-	-	-	-	-

Notes:
J - estimated value
U - non-detect
mg/kg - milligrams per kilogram

TABLE 8
Summary of Analytical Results - Imported Fill

Former Sperry Remington Site - North Portion
Elmira, New York

				Field_ID	BR-SC-108	BR-SC-109	BR-SC-110	BR-SC-111	BR-SC-112	BR-SC-113	BR-SC-114	BR-SC-115	BR-SC-116	BR-SC-117	BR-SC-118
				Sampled Date	8/30/2018	8/30/2018	8/30/2018	8/30/2018	8/30/2018	8/30/2018	8/30/2018	8/30/2018	8/30/2018	8/30/2018	8/30/2018
Method Name	ChemName	Units	EQL	DER-10 App5 Restricted Residential											
Pesticides	4,4-DDE	mg/kg	0.00034	8.9	-	-	-	-	-	-	<0.00039U	<0.00039U	<0.0004U	<0.00038U	<0.0004U
	a-BHC	mg/kg	0.00042	0.02	-	-	-	-	-	-	<0.00047U	<0.00048U	<0.00048U	<0.00046U	<0.00049U
	Aldrin	mg/kg	0.00053	0.097	-	-	-	-	-	-	<0.0006U	<0.0006U	<0.0006U	<0.00058U	<0.00061U
	b-BHC	mg/kg	0.00043	0.09	-	-	-	-	-	-	<0.00049U	<0.0005U	<0.0005U	<0.00048U	<0.00051U
	Chlordane (cis)	mg/kg	0.00042	-	-	-	-	-	-	-	0.002J	0.0025J	0.0034J	0.0015J	0.00098J
	d-BHC	mg/kg	0.00054	0.25	-	-	-	-	-	-	<0.00061U	<0.00061U	<0.00061U	<0.00059U	<0.00063U
	DDD	mg/kg	0.00045	13	-	-	-	-	-	-	<0.00052U	<0.00052U	<0.00052U	<0.0005U	<0.00053U
	DDT	mg/kg	0.00064	7.9	-	-	-	-	-	-	<0.00073U	<0.00073U	<0.00074U	<0.00071U	<0.00075U
	Dieldrin	mg/kg	0.00042	0.1	-	-	-	-	-	-	<0.00048U	<0.00048U	<0.00049U	<0.00047U	<0.0005U
	Endosulfan I	mg/kg	0.00046	24	-	-	-	-	-	-	<0.00052U	<0.00052U	<0.00053U	<0.00051U	<0.00054U
	Endosulfan II	mg/kg	0.00037	24	-	-	-	-	-	-	<0.00042U	<0.00043U	<0.00043U	<0.00041U	<0.00044U
	Endosulfan sulphate	mg/kg	0.00044	24	-	-	-	-	-	-	<0.0005U	<0.0005U	<0.00051U	<0.00049U	<0.00051U
	Endrin	mg/kg	0.00066	0.06	-	-	-	-	-	-	<0.00075U	<0.00075U	<0.00076U	<0.00073U	<0.00077U
	g-BHC (Lindane)	mg/kg	0.00058	0.1	-	-	-	-	-	-	<0.00066U	<0.00066U	<0.00066U	<0.00064U	<0.00068U
PCBs	Heptachlor	mg/kg	0.00053	0.38	-	-	-	-	-	-	<0.0006U	<0.0006U	<0.00061U	<0.00058U	<0.00062U
	Arochlor 1016	mg/kg	0.0055	-	-	-	-	-	-	-	<0.0062U	<0.0063U	<0.0063U	<0.0061U	<0.0064U
	Arochlor 1221	mg/kg	0.011	-	-	-	-	-	-	-	<0.012U	<0.013U	<0.013U	<0.012U	<0.013U
	Arochlor 1232	mg/kg	0.01	-	-	-	-	-	-	-	<0.011U	<0.011U	<0.012U	<0.011U	<0.012U
	Arochlor 1242	mg/kg	0.01	-	-	-	-	-	-	-	<0.011U	<0.012U	<0.012U	<0.011U	<0.012U
	Arochlor 1248	mg/kg	0.013	-	-	-	-	-	-	-	<0.015U	<0.015U	<0.015U	<0.015U	<0.016U
	Arochlor 1254	mg/kg	0.012	-	-	-	-	-	-	-	<0.013U	<0.013U	<0.013U	<0.013U	<0.014U
	Arochlor 1260	mg/kg	0.0048	-	-	-	-	-	-	-	<0.0055U	<0.0055U	0.0093J	<0.0053U	<0.0056U
	Arochlor 1268	mg/kg	0.0082	-	-	-	-	-	-	-	<0.0093U	<0.0094U	<0.0094U	<0.0091U	<0.0096U
	Arochlor 1262	mg/kg	0.012	-	-	-	-	-	-	-	<0.013U	<0.014U	<0.014U	<0.013U	<0.014U
Herbicides	Total PCBs	mg/kg		1	-	-	-	-	-	-	<0.096	<0.0992	0.05665	<0.0955	<0.1026
	2,4,5-TP (Silvex)	mg/kg	0.0069	3.8	-	-	-	-	-	-	<0.0077U	<0.0077U	<0.0077U	<0.0077U	<0.0078U
SVOCs	1,4-Dioxane	mg/kg	0.011	0.1	-	-	-	-	-	-	<0.012U	<0.024U	<0.012U	0.047J	<0.012U
	2-methylphenol	mg/kg	0.0097	0.33	-	-	-	-	-	-	<0.011U	<0.022U	<0.011U	<0.011U	<0.011U
	4-methylphenol	mg/kg	0.0099	0.33	-	-	-	-	-	-	<0.011U	<0.022U	<0.012U	<0.011U	<0.012U
	Acenaphthene	mg/kg	0.002	98	-	-	-	-	-	-	0.0026J	<0.0044U	0.003J	<0.0022U	<0.0023U
	Acenaphthylene	mg/kg	0.0015	100	-	-	-	-	-	-	0.0028J	<0.0033U	0.0027J	0.0029J	0.0031J
	Anthracene	mg/kg	0.0018	100	-	-	-	-	-	-	0.0061J	<0.0039U	0.01	0.0053J	0.0063J
	Benz(a)anthracene	mg/kg	0.0013	1	-	-	-	-	-	-	0.019	0.014J	0.037	0.02J	0.031J
	Benzo(a) pyrene	mg/kg	0.0015	1	-	-	-	-	-	-	0.024	0.018	0.043	0.022J	0.034J
	Benzo(b)fluoranthene	mg/kg	0.0017	1	-	-	-	-	-	-	0.03	0.02	0.05	0.029J	0.045J
	Benzo(g,h,i)perylene	mg/kg	0.0015	100	-	-	-	-	-	-	0.021	0.017	0.034	0.017J	0.024
	Benzo(k)fluoranthene	mg/kg	0.002	1.7	-	-	-	-	-	-	0.01	0.01J	0.022	0.008J	0.016
	Chrysene	mg/kg	0.0013	1	-	-	-	-	-	-	0.025	0.019	0.045	0.023J	0.039J
	Dibenz(a,h)anthracene	mg/kg	0.0015	0.33	-	-	-	-	-	-	0.0034J	<0.0034U	0.0078J	0.0039J	0.0063J
	Dibenzofuran	mg/kg	0.0015	59	-	-	-	-	-	-	<0.0017U	<0.0033U	0.0019J	0.0017J	<0.0017U
	Fluoranthene	mg/kg	0.0018	100	-	-	-	-	-	-	0.046	0.028	0.085	0.039J	0.06J
	Fluorene	mg/kg	0.0013	100	-	-	-	-	-	-	0.0029J	<0.003U	0.0034J	0.0026J	0.0021J
	Hexachlorobenzene	mg/kg	0.0024	1.2	-	-	-	-	-	-	<0.0027U	<0.0054U	<0.0028U	<0.0027U	<0.0028U
	Indeno(1,2,3-c,d)pyrene	mg/kg	0.0014	0.5	-	-	-	-	-	-	0.015	0.012J	0.027	0.015J	0.022
	Naphthalene	mg/kg	0.0013	12	-	-	-	-	-	-	<0.0015U	<0.003U	0.0016J	<0.0015U	<0.0015U
	Pentachlorophenol	mg/kg	0.054	0.8	-	-	-	-	-	-	<0.061U	<0.12U	<0.063U	<0.062U	<0.064U
	Phenanthrene	mg/kg	0.0018	100	-	-	-	-	-	-	0.026	0.015	0.043	0.021J	0.03J
	Phenol	mg/kg	0.01	0.33	-	-	-	-	-	-	<0.011U	<0.023U	<0.012U	<0.012U	<0.012U
	Pyrene	mg/kg	0.0016	100	-	-	-	-	-	-	0.035	0.023	0.064	0.032J	0.05J

TABLE 8
Summary of Analytical Results - Imported Fill

Former Sperry Remington Site - North Portion
Elmira, New York

				Field_ID	BR-SC-108	BR-SC-109	BR-SC-110	BR-SC-111	BR-SC-112	BR-SC-113	BR-SC-114	BR-SC-115	BR-SC-116	BR-SC-117	BR-SC-118
				Sampled Date	8/30/2018	8/30/2018	8/30/2018	8/30/2018	8/30/2018	8/30/2018	8/30/2018	8/30/2018	8/30/2018	8/30/2018	8/30/2018
Method Name	ChemName	Units	EQL	DER-10 App5 Restricted Residential											
VOCs	1,1,1-trichloroethane	mg/kg	0.0024	0.68	<0.0036U	<0.0035U	<0.0034U	<0.0033U	<0.0032U	<0.0041U	-	-	-	-	-
	1,1-dichloroethane	mg/kg	0.0017	0.27	<0.0026U	<0.0025U	<0.0024U	<0.0024U	<0.0023U	<0.003U	-	-	-	-	-
	1,1-dichloroethene	mg/kg	0.0028	0.33	<0.004U	<0.004U	<0.0038U	<0.0038U	<0.0036U	<0.0047U	-	-	-	-	-
	1,2,4-trimethylbenzene	mg/kg	0.0013	3.6	<0.0019U	<0.0019U	<0.0018U	<0.0018U	<0.0017U	<0.0022U	-	-	-	-	-
	1,2-dichlorobenzene	mg/kg	0.0039	1.1	<0.0057U	<0.0056U	<0.0054U	<0.0054U	<0.0051U	<0.0066U	-	-	-	-	-
	1,2-dichloroethane	mg/kg	0.0014	0.02	<0.0021U	<0.002U	<0.002U	<0.0019U	<0.0018U	<0.0024U	-	-	-	-	-
	1,3,5-trimethylbenzene	mg/kg	0.0017	8.4	<0.0024U	<0.0024U	<0.0023U	<0.0023U	<0.0022U	<0.0028U	-	-	-	-	-
	1,3-dichlorobenzene	mg/kg	0.0015	2.4	<0.0023U	<0.0022U	<0.0021U	<0.0021U	<0.002U	<0.0026U	-	-	-	-	-
	1,4-dichlorobenzene	mg/kg	0.00099	1.8	<0.0014U	<0.0014U	<0.0014U	<0.0014U	<0.0013U	<0.0017U	-	-	-	-	-
	1,4-Dioxane	mg/kg	0.035	0.1	<0.052U	<0.051U	<0.049U	<0.049U	<0.046U	<0.06U	-	-	-	-	-
	Methyl Ethyl Ketone	mg/kg	0.0028	0.12	<0.0041U	<0.004U	<0.0039U	<0.0039U	<0.0037U	<0.0047U	-	-	-	-	-
	Acetone	mg/kg	0.003	0.05	<0.0045U	<0.0044U	<0.0042U	<0.0042U	<0.004U	<0.0052U	-	-	-	-	-
	Benzene	mg/kg	0.0019	0.06	<0.0028U	<0.0027U	<0.0026U	<0.0026U	<0.0025U	<0.0032U	-	-	-	-	-
	Carbon tetrachloride	mg/kg	0.0032	0.76	<0.0047U	<0.0046U	<0.0045U	<0.0044U	<0.0042U	<0.0054U	-	-	-	-	-
	Chlorobenzene	mg/kg	0.0015	1.1	<0.0022U	<0.0022U	<0.0021U	<0.0021U	<0.002U	<0.0026U	-	-	-	-	-
	Chloroform	mg/kg	0.002	0.37	<0.003U	<0.0029U	<0.0028U	<0.0028U	<0.0027U	<0.0035U	-	-	-	-	-
	cis-1,2-dichloroethene	mg/kg	0.0015	0.25	<0.0022U	<0.0022U	<0.0021U	<0.0021U	<0.002U	<0.0026U	-	-	-	-	-
	Dichloromethane	mg/kg	0.0023	0.05	<0.0033U	<0.0033U	<0.0032U	<0.0031U	<0.003U	<0.0039U	-	-	-	-	-
	Ethylbenzene	mg/kg	0.0021	1	<0.0031U	<0.003U	<0.0029U	<0.0029U	<0.0027U	<0.0035U	-	-	-	-	-
	Methyl-tert-butyl ether	mg/kg	0.0036	0.93	<0.0052U	<0.0051U	<0.005U	<0.0049U	<0.0047U	<0.006U	-	-	-	-	-
	n-butylbenzene	mg/kg	0.0037	12	<0.0054U	<0.0053U	<0.0051U	<0.005U	<0.0048U	<0.0062U	-	-	-	-	-
	n-propylbenzene	mg/kg	0.002	3.9	<0.003U	<0.0029U	<0.0028U	<0.0028U	<0.0027U	<0.0035U	-	-	-	-	-
	sec-butylbenzene	mg/kg	0.0024	11	<0.0035U	<0.0034U	<0.0033U	<0.0032U	<0.0031U	<0.004U	-	-	-	-	-
	Trichloroethene	mg/kg	0.0015	0.47	<0.0021U	<0.0021U	<0.002U	<0.002U	<0.0019U	<0.0025U	-	-	-	-	-
	tert-butylbenzene	mg/kg	0.0018	5.9	<0.0026U	<0.0026U	<0.0025U	<0.0024U	<0.0023U	<0.003U	-	-	-	-	-
	Tetrachloroethene	mg/kg	0.0019	1.3	<0.0028U	<0.0028U	<0.0027U	<0.0027U	<0.0025U	<0.0033U	-	-	-	-	-
	Toluene	mg/kg	0.0016	0.7	<0.0024U	<0.0024U	<0.0023U	<0.0022U	<0.0021U	<0.0028U	-	-	-	-	-
	trans-1,2-dichloroethene	mg/kg	0.0025	0.19	<0.0036U	<0.0035U	<0.0034U	<0.0034U	<0.0032U	<0.0042U	-	-	-	-	-
	Vinyl chloride	mg/kg	0.0035	0.02	<0.0052U	<0.0051U	<0.0049U	<0.0049U	<0.0047U	<0.006U	-	-	-	-	-
	Xylene Total	mg/kg	0.0042	1.6	<0.0061U	<0.006U	<0.0058U	<0.0057U	<0.0055U	<0.0071U	-	-	-	-	-
Metals and Inorganics	Cyanide Total	mg/kg	0.24	27	-	-	-	-	-	-	<0.3U	<0.3U	<0.29U	<0.27U	<0.3U
	Arsenic	mg/kg	1	16	-	-	-	-	-	-	5.4	6.4	6.7	4.9	6.5
	Barium	mg/kg	20	400	-	-	-	-	-	-	65	62	65	62	73
	Beryllium	mg/kg	0.4	47	-	-	-	-	-	-	0.43J	0.44J	0.42J	0.41J	0.42J
	Cadmium	mg/kg	0.042	4.3	-	-	-	-	-	-	<0.043U	<0.042U	<0.044U	<0.043U	<0.043U
	Chromium (III+VI)	mg/kg	0.5	19	-	-	-	-	-	-	13	15	13	12	13
	Copper	mg/kg	2.5	270	-	-	-	-	-	-	16	16	18	14	20
	Lead	mg/kg	1	400	-	-	-	-	-	-	13	14	14	13	15
	Manganese	mg/kg	1.5	2000	-	-	-	-	-	-	440	410	460	500	520
	Nickel	mg/kg	4	130	-	-	-	-	-	-	17	17	18	16	18
	Selenium	mg/kg	0.59	4	-	-	-	-	-	-	<0.6U	<0.59U	<0.62U	<0.61U	<0.6U
	Silver	mg/kg	0.11	8.3	-	-	-	-	-	-	<0.12U	<0.12U	<0.13U	<0.13U	<0.12U
	Zinc	mg/kg	2	2480	-	-	-	-	-	-	55	52	55	52	60
	Mercury	mg/kg	0.027	0.73	-	-	-	-	-	-	0.018J	0.019J	0.024J	0.023J	0.021J

Notes:
J - estimated value
U - non-detect
mg/kg - milligrams per kilogram

TABLE 9A
Summary of Analytical Results - PCBs Remaining in Soils 0-2 ft bgs

Former Sperry Remington Site - North Portion
 Elmira, New York

	Polychlorinated Biphenyls											
	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs		
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		
	0.0013	0.0017	0.0011	0.0014	0.00082	0.0012	0.0012	0.00082	0.0014			
Surface Soil Criteria										1		
NYS Hazardous Material										50		
LocCode	Sampled Date	Sample Depth (ft)										
SSHS-E-2-2	8/3/2018	1.4-1.4	<0.0062U	<0.012U	<0.011U	<0.011U	0.2J	0.25J	0.064J	<0.0093U	<0.013U	0.5453
SSHS-E-3-1	8/3/2018	0.1-0.1	<0.0059U	<0.012U	<0.011U	<0.011U	0.065J	0.099J	0.027J	<0.0088U	<0.013U	0.2219
SSHS-B829	1/10/2018	0-2	<0.0055	<0.011	<0.01	<0.01	<0.013	<0.012	<0.0048	<0.0082	<0.012	<0.0865
SSHS-B381	3/9/2016	0-2	<0.008	<0.013	<0.0044	<0.0064	0.28	0.12	0.028	<0.0033	<0.0054	0.428
SSHS-B382	3/9/2016	0-2	<0.0091	<0.014	<0.005	<0.0073	0.0094	0.011	<0.0068	<0.0037	<0.0062	0.0204
SSHS-B1063	6/19/2018	0-2	<0.0029U	<0.0029U	<0.0029U	<0.0029U	0.0081J	<0.0029U	<0.0029U	<0.0029U	<0.0029U	0.0197
SSHS-SW-001	7/11/2018	0-2	<0.0055U	<0.011U	<0.01U	<0.01U	0.12J	0.063J	<0.0048U	<0.0082U	<0.012U	0.2138
SSHS-SW-014	7/11/2018	0-2	<0.0055U	<0.011U	<0.01U	<0.01U	<0.013U	<0.012U	<0.0048U	<0.0082U	<0.012U	<0.0865
SSHS-SW-017	7/12/2018	0-2	<0.0057U	<0.011U	<0.01U	<0.01U	<0.014U	<0.012U	<0.005U	<0.0085U	<0.012U	<0.0882
SSHS-B1260	8/3/2018	0-2	<0.0061U	<0.012U	<0.011U	<0.011U	0.033J	0.056J	0.018J	<0.0092U	<0.013U	0.1382
SSHS-B133	8/3/2015	0-2	<0.0037U	<0.0045U	<0.0062U	<0.0045U	0.44J	0.24J	0.042J	<0.0036U	<0.0066U	0.722
SSHS-B521	9/2/2016	0-2	<0.0082U	<0.013U	<0.0045U	<0.0066U	0.12J	0.079J	0.012J	<0.0033U	<0.0056U	0.2316
SSHS-B531	9/16/2016	0-2	<0.008U	<0.013U	<0.0044U	<0.0064U	0.15J	0.065J	0.019J	<0.0033U	<0.0054U	0.2543
SSHS-B524	9/23/2016	0-2	<0.008U	<0.013U	<0.0044U	<0.0065U	0.32J	0.085J	0.014J	<0.0033U	<0.0054U	0.4393
SSHS-B1261	8/3/2018	0-2	<0.0061U	<0.012U	<0.011U	<0.011U	1.9J	0.85J	0.18J	<0.0091U	<0.013U	2.961

Notes:

mg/kg - milligrams per kilogram

J - estimated value

U - non-detect

Concentrations above surface soil criteria

TABLE 9B
Summary of Analytical Results - PCBs Remaining in Soils Below 2 ft bgs

Former Sperry Remington Site - North Portion
Elmira, New York

			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
			0.00021	0.00033	0.00011	0.00017	0.00011	0.00017	0.00016	0.000085	0.00014	
Subsurface Soil Criteria												10
NYS Hazardous Material												50
LocCode	Sampled Date	Sample Depth (ft)										
SSHS-B1394	7/21/2018	2-4	<0.006U	<0.012U	<0.011U	<0.011U	0.068	0.064	0.028	<0.009U	<0.013U	0.191
SSHS-SS-04_8_20	8/20/2018	2-4	<0.032U	<0.063U	<0.058U	<0.058U	8.2	3.7	0.39	<0.047U	<0.068U	12.45
SSHS-B1002	3/3/2018	2-4	<0.11U	<0.22U	<0.2U	<0.21U	29J	10J	1.8J	<0.17U	<0.24U	41.38
SSHS-B1033	5/23/2018	2-4	<0.0061U	<0.012U	<0.011U	<0.011U	0.25	0.16	0.029	<0.0091U	<0.013U	0.4701
SSHS-B1034	5/23/2018	2-4	<0.0066U	<0.013U	<0.012U	<0.012U	0.091	0.033	0.0081J	<0.0098U	<0.014U	0.1658
SSHS-B1072	6/28/2018	2-4	<0.0059U	<0.012U	<0.011U	<0.011U	<0.014U	<0.012U	<0.0052U	<0.0089U	<0.013U	<0.093
SSHS-B1073	6/24/2018	2-4	<0.013UJ	<0.013UJ	<0.013UJ	<0.013UJ	0.61J	0.33J	0.055J	<0.013UJ	<0.013UJ	1.034
SSHS-B1074	6/29/2018	2-4	<0.0066U	<0.013U	<0.012U	<0.012U	0.12J	0.092J	<0.0057U	<0.0098U	<0.014U	0.2486
SSHS-B108	7/22/2015	2-4	<0.0039U	<0.0048U	<0.0067U	<0.0049U	3.8J	0.99J	0.11J	<0.0039U	<0.0071U	4.9
SSHS-B1202	6/29/2018	2-4	<0.0064U	<0.013U	<0.012U	<0.012U	1.4J	0.55J	0.14J	<0.0096U	<0.014U	2.124
SSHS-B1227	6/23/2018	2-4	<0.0032UJ	<0.0032UJ	<0.0032UJ	<0.0032UJ	0.052J	<0.0032UJ	<0.0032UJ	<0.0032UJ	<0.0032UJ	0.0648
SSHS-B133	8/3/2015	2-4	<0.0037U	<0.0045U	<0.0063U	<0.0046U	1.5J	1.2J	0.12J	<0.0037U	<0.0067U	2.82
SSHS-B1400	7/7/2018	2-4	<0.06U	<0.12U	<0.11U	<0.11U	11J	4.8J	0.48J	<0.089U	<0.13U	16.59
SSHS-B148	8/3/2015	2-4	<0.0038U	<0.0047U	<0.0065U	<0.0047U	0.38J	0.31J	0.082J	<0.0038U	<0.0069U	0.772
SSHS-B374	3/10/2016	2-4	<0.0079U	<0.012U	<0.0043U	<0.0064U	0.22J	0.12J	0.034J	<0.0032U	<0.0053U	0.374
SSHS-B376	3/8/2016	2-4	<0.0087U	<0.014U	<0.0048U	<0.007U	0.17J	0.075J	0.02J	<0.0035U	<0.0059U	0.265
SSHS-B382	3/9/2016	2-4	<0.0087U	<0.014U	<0.0048U	<0.007U	<0.0044U	<0.007U	<0.0065U	<0.0035U	<0.0059U	<0
SSHS-B383	3/10/2016	2-4	<0.0092U	<0.014U	<0.005U	<0.0074U	0.023J	0.016J	<0.0069U	<0.0037U	<0.0062U	0.039
SSHS-B386	3/8/2016	2-4	<0.0085U	<0.013U	<0.0047U	<0.0069U	1J	1.1J	0.29J	<0.0035U	<0.0058U	2.39
SSHS-B387	3/8/2016	2-4	<0.0086U	<0.014U	<0.0047U	<0.0069U	0.021	<0.0069U	<0.0064U	<0.0035U	<0.0058U	0.021
SSHS-B520	9/22/2016	2-4	<0.009U	<0.014U	<0.0049U	<0.0072U	0.037J	0.0086J	<0.0067U	<0.0037U	<0.0061U	0.0714
SSHS-B554	9/16/2016	2-4	<0.0094U	<0.015U	<0.0051U	<0.0076U	0.18J	0.16J	0.079J	<0.0038U	<0.0064U	0.4427
SSHS-B555	9/16/2016	2-4	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.59J	0.22J	0.035J	<0.0034U	<0.0057U	0.866
SSHS-B829	1/10/2018	2-4	<0.0059U	<0.012U	<0.011U	<0.011U	1.2	0.47	0.11	<0.0088U	<0.013U	1.811
SSHS-B854	1/9/2018	2-4	<0.006U	<0.012U	<0.011U	<0.011U	5.4J	2.2J	0.52J	<0.009U	<0.013U	8.151
SSHS-B859	1/14/2018	2-4	<0.29U	<0.58U	<0.53U	<0.54U	62J	30J	4.3J	<0.44U	<0.63U	97.81
SSHS-B860	1/14/2018	2-4	<0.058U	<0.12U	<0.11U	<0.11U	22J	7.9J	0.79J	<0.087U	<0.13U	31
SSHS-B861	1/11/2018	2-4	<0.0059U	<0.012U	<0.011U	<0.011U	1.2	0.64	0.15	<0.0089U	<0.013U	2.021
SSHS-B863	1/14/2018	2-4	<0.0059U	<0.012U	<0.011U	<0.011U	3.7	0.81	0.22	<0.0088U	<0.013U	4.761
SSHS-B864	1/9/2018	2-4	<0.061U	<0.12U	<0.11U	<0.11U	10J	3.3J	0.69J	<0.091U	<0.13U	14.3
SSHS-B865	1/17/2018	2-4	<0.0061U	<0.012U	<0.011U	<0.011U	0.66J	0.27J	0.031J	<0.0091U	<0.013U	0.9921
SSHS-B866	1/12/2018	2-4	<0.0068U	<0.013U	<0.012U	<0.012U	0.056J	0.051J	0.021J	<0.01U	<0.015U	0.1624
SSHS-B867	1/11/2018	2-4	<0.0063U	<0.013U	<0.011U	<0.012U	0.11J	0.042J	0.011J	<0.0094U	<0.014U	0.1959
SSHS-B868	1/17/2018	2-4	<0.0064U	<0.013U	<0.012U	<0.012U	1.8J	0.78J	0.2J	<0.0095U	<0.014U	2.813
SSHS-B869	1/8/2018	2-4	<0.0058U	<0.012U	<0.011U	<0.011U	0.23J	0.097J	0.018J	<0.0087U	<0.013U	0.3758
SSHS-B870	1/8/2018	2-4	<0.0059U	<0.012U	<0.011U	<0.011U	3J	1.1J	0.22J	<0.0088U	<0.013U	4.351
SSHS-B871	1/17/2018	2-4	<0.0062U	<0.012U	<0.011U	<0.012U	0.059J	0.035J	<0.0055U	<0.0093U	<0.013U	0.1285
SSHS-B872	1/11/2018	2-4	<0.0064U	<0.013U	<0.012U	<0.012U	0.026J	0.015J	<0.0056U	<0.0095U	<0.014U	0.07725
SSHS-B873	1/11/2018	2-4	<0.0059U	<0.012U	<0.011U	<0.011U	0.97J	0.54J	0.19J	<0.0089U	<0.013U	1.731
SSHS-B896	1/12/2018	2-4	<0.0058U	<0.012U	<0.011U	<0.011U	0.16J	0.11J	0.033J	<0.0087U	<0.013U	0.3338
SSHS-B903	1/12/2018	2-4	<0.0058U	<0.012U	<0.011U	<0.011U	<0.014U	<0.012U	<0.0051U	<0.0086U	<0.012U	<0.0915
SSHS-B910	1/11/2018	2-4	<0.0063U	<0.013U	<0.012U	<0.012U	0.077J	0.018J	<0.0055U	<0.0094U	<0.014U	0.1311
SSHS-B911	1/19/2018	2-4	<0.006U	<0.012U	<0.011U	<0.011U	0.38J	0.12J	<0.0052U	<0.0089U	<0.013U	0.5336
SSHS-B924	1/19/2018	2-4	<0.0062U	<0.012U	<0.011U	<0.011U	1.7J	0.65J	0.1J	<0.0092U	<0.013U	2.481
SSHS-B926	1/18/2018	2-4	<0.006U	<0.012U	<0.011U	<0.011U	1.2J	0.86J	0.28J	<0.009U	<0.013U	2.371
SSHS-B927	1/11/2018	2-4	<0.0067U	<0.013U	<0.012U	<0.012U	0.054J	0.023J	<0.0058U	<0.01U	<0.014U	0.1138
SSHS-B949	3/1/2018	2-4	<0.0062U	<0.012U	<0.011U	<0.011U	0.1J	0.054J	0.01J	<0.0093U	<0.013U	0.1953
SSHS-B950	3/4/2018	2-4	<0.0061U	<0.012U	<0.011U	<0.011U	1.4J	0.77J	0.15J	<0.0091U	<0.013U	2.351
SSHS-B951	2/28/2018	2-4	<0.0061U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0053U	<0.0091U	<0.013U	<0.0955
SSHS-B971	2/27/2018	2-4	<0.0056U	<0.011U	<0.01U	<0.01U	0.37	0.19	0.039	<0.0084U	<0.012U	0.6275
SSHS-SW-002	7/11/2018	2-4	<0.0064U	<0.013U	<0.012U	<0.012U	1.9J	1.1J	0.21J	<0.0095U	<0.014U	3.243
SSHS-SW-003	7/11/2018	2-4	<0.006U	<0.012U	<0.011U	<0.011U	0.43J	0.28J	0.045J	<0.009U	<0.013U	0.786
SSHS-SW-012	7/11/2018	2-4	<0.0058U	<0.012U	<0.011U	<0.011U	1.3J	0.58J	0.063J			

TABLE 9B
Summary of Analytical Results - PCBs Remaining in Soils Below 2 ft bgs

Former Sperry Remington Site - North Portion
Elmira, New York

			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
			0.00021	0.00033	0.00011	0.00017	0.00011	0.00017	0.00016	0.000085	0.00014	
Subsurface Soil Criteria												10
NYS Hazardous Material												50
LocCode	Sampled Date	Sample Depth (ft)										
SSHS-B112	7/22/2015	4-6	<0.0038U	<0.0046U	<0.0064U	<0.0047U	0.38J	0.19J	0.026J	<0.0037U	<0.0068U	0.596
SSHS-B1189	6/24/2018	4-6	<0.03UJ	<0.03UJ	<0.03UJ	<0.03UJ	0.61J	1.2J	0.15J	<0.03UJ	<0.03UJ	2.05
SSHS-B1193	7/6/2018	4-6	<0.0064U	<0.013U	<0.012U	<0.012U	0.073J	0.03J	<0.0056U	<0.0096U	<0.014U	0.1393
SSHS-B1194	6/29/2018	4-6	<0.0062U	<0.012U	<0.011U	<0.011U	0.084J	0.043J	<0.0054U	<0.0093U	<0.013U	0.161
SSHS-B1202	6/29/2018	4-6	<0.0065U	<0.013U	<0.012U	<0.012U	0.24J	0.069J	0.018J	<0.0097U	<0.014U	0.3606
SSHS-B1206	7/2/2018	4-6	<0.0058U	<0.012U	<0.011U	<0.011U	0.49J	0.55J	0.086J	<0.0087U	<0.013U	1.157
SSHS-B1233	7/2/2018	4-6	<0.0063U	<0.013U	<0.011U	<0.012U	0.15J	0.21J	0.033J	<0.0094U	<0.014U	0.4259
SSHS-B1235	7/2/2018	4-6	<0.006U	<0.012U	<0.011U	<0.011U	0.076J	0.044J	0.012J	<0.0089U	<0.013U	0.163
SSHS-B1236	7/2/2018	4-6	<0.0061U	<0.012U	<0.011U	<0.011U	1.6J	0.9J	0.1J	<0.0092U	<0.013U	2.631
SSHS-B1240	6/30/2018	4-6	<0.0063U	<0.012U	<0.011U	<0.012U	<0.015U	<0.013U	<0.0055U	<0.0093U	<0.014U	<0.0981
SSHS-B1245	7/28/2018	4-6	<0.06U	<0.12U	<0.11U	<0.11U	16J	4.2J	0.7J	<0.089U	<0.13U	21.21
SSHS-B125	7/31/2015	4-6	<0.004U	<0.0049U	<0.0068U	<0.0049U	0.68J	0.22J	0.039J	<0.0039U	<0.0072U	0.939
SSHS-B126	7/31/2015	4-6	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.4J	0.14J	0.026J	<0.0038U	<0.007U	0.566
SSHS-B133	8/3/2015	4-6	<0.0037U	<0.0046U	<0.0063U	<0.0046U	2.1J	1.1J	0.14J	<0.0037U	<0.0067U	3.34
SSHS-B148	8/3/2015	4-6	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.088J	0.085J	0.024J	<0.0038U	<0.007U	0.197
SSHS-B159	8/3/2015	4-6	<0.19U,F1	<0.23U	<0.32U	<0.23U	46J	14J	1.4J	<0.19U	<0.34U	61.4
SSHS-B162	8/3/2015	4-6	<0.0037U	<0.0046U	<0.0063U	<0.0046U	2.9J	1.1J	0.12J	<0.0037U	<0.0067U	4.12
SSHS-B371	3/8/2016	4-6	<0.0084U	<0.013U	<0.0046U	<0.0068U	3.7J	1.3J	0.22J	<0.0034U	<0.0057U	5.22
SSHS-B373	3/10/2016	4-6	<0.0088U	<0.014U	<0.0048U	<0.0071U	0.22J	0.12J	0.029J	<0.0036U	<0.006U	0.369
SSHS-B374	3/10/2016	4-6	<0.0082U	<0.013U	<0.0045U	<0.0066U	0.008J	<0.0066U	<0.0061U	<0.0033U	<0.0055U	0.008
SSHS-B383	3/10/2016	4-6	<0.0091U	<0.014U	<0.005U	<0.0073U	<0.0047U	<0.0073U	<0.0068U	<0.0037U	<0.0062U	<0
SSHS-B386	3/8/2016	4-6	<0.0086U	<0.014U	<0.0047U	<0.007U	0.3J	0.4J	0.11J	<0.0035U	<0.0059U	0.81
SSHS-B387	3/8/2016	4-6	<0.0087U	<0.014U	<0.0048U	<0.007U	0.58J	0.16J	0.034J	<0.0035U	<0.0059U	0.774
SSHS-B520	9/22/2016	4-6	<0.0086U	<0.014U	<0.0047U	<0.0069U	0.78J	0.2J	0.027J	<0.0035U	<0.0058U	1.029
SSHS-B532	9/22/2016	4-6	<0.0086U,F	<0.014U	<0.0047U	<0.007U	0.37J	0.14J	0.02J	<0.0035U	<0.0059U	0.5519
SSHS-B536	9/21/2016	4-6	<0.0086U	<0.014U	<0.0047U	<0.0069U	1.4J	0.46J	0.059J	<0.0035U	<0.0058U	1.941
SSHS-B552	9/21/2016	4-6	<0.17U	<0.28U	<0.095U	<0.14U	53J	14J	1.8J	<0.071U	<0.12U	69.24
SSHS-B555	9/16/2016	4-6	<0.0087U	<0.014U	<0.0047U	<0.007U	0.08J	0.029J	<0.0065U	<0.0035U	<0.0059U	0.1342
SSHS-B556	9/16/2016	4-6	<0.009U	<0.014U	<0.0049U	<0.0073U	0.016J	<0.0073U	<0.0067U	<0.0037U	<0.0061U	0.0455
SSHS-B829	1/10/2018	4-6	<0.0058U	<0.012U	<0.011U	<0.011U	0.068	0.035	<0.0051U	<0.0087U	<0.013U	0.1363
SSHS-B831	1/10/2018	4-6	<0.0062U	<0.012U	<0.011U	<0.011U	0.69	0.68	0.26	<0.0092U	<0.013U	1.661
SSHS-B835	1/9/2018	4-6	<0.0059U	<0.012U	<0.011U	<0.011U	3J	1J	0.22J	<0.0088U	<0.013U	4.251
SSHS-B837	1/20/2018	4-6	<0.062U	<0.12U	<0.11U	<0.11U	1.6J	0.96J	0.11J	<0.092U	<0.13U	2.982
SSHS-B853	1/8/2018	4-6	<0.0063U	<0.013U	<0.012U	<0.012U	0.026	<0.013U	<0.0056U	<0.0095U	<0.014U	0.0687
SSHS-B854	1/9/2018	4-6	<0.006U	<0.012U	<0.011U	<0.011U	0.44	0.25	0.051	<0.009U	<0.013U	0.772
SSHS-B859	1/14/2018	4-6	<0.059U	<0.12U	<0.11U	<0.11U	16	6.7	1.1	<0.088U	<0.13U	24.11
SSHS-B860	1/14/2018	4-6	<0.029U	<0.058U	<0.053U	<0.053U	4.7	2.1	0.35	<0.043U	<0.062U	7.299
SSHS-B861	1/11/2018	4-6	<0.006U	<0.012U	<0.011U	<0.011U	0.52	0.33	0.084	<0.0089U	<0.013U	0.965
SSHS-B863	1/14/2018	4-6	<0.0062U	<0.012U	<0.011U	<0.011U	0.48	0.36	0.18	<0.0092U	<0.013U	1.051
SSHS-B864	1/9/2018	4-6	<0.006U	<0.012U	<0.011U	<0.011U	0.69J	0.44J	0.15J	<0.0089U	<0.013U	1.311
SSHS-B870	1/8/2018	4-6	<0.006U	<0.012U	<0.011U	<0.011U	1.1	0.36	0.07	<0.0089U	<0.013U	1.561
SSHS-B873	1/11/2018	4-6	<0.0061U	<0.012U	<0.011U	<0.011U	2.8J	1.2J	0.23J	<0.0091U	<0.013U	4.261
SSHS-B876	1/22/2018	4-6	<0.007U	<0.014U	<0.013U	<0.013U	<0.017U	<0.015U	<0.0061U	<0.01U	<0.015U	<0.1101
SSHS-B894	1/9/2018	4-6	<0.006U	<0.012U	<0.011U	<0.011U	4.6J	1.8J	0.43J	<0.009U	<0.013U	6.861
SSHS-B895	1/9/2018	4-6	<0.0061U	<0.012U	<0.011U	<0.011U	0.21	0.089	0.018J	<0.0091U	<0.013U	0.3481
SSHS-B910	1/11/2018	4-6	<0.0065U	<0.013U	<0.012U	<0.012U	0.34	0.18	0.054	<0.0097U	<0.014U	0.6076
SSHS-B914	1/22/2018	4-6	<0.0062U	<0.012U	<0.011U	<0.011U	0.83	0.54	0.12	<0.0093U	<0.013U	1.521
SSHS-B925	1/12/2018	4-6	<0.0062U	<0.012U	<0.011U	<0.011U	1.2	0.37	0.11	<0.0092U	<0.013U	1.711
SSHS-B928	1/11/2018	4-6	<0.0061U	<0.012U	<0.011U	<0.011U	1	0.41	0.12	<0.0091U	<0.013U	1.561
SSHS-B937	1/20/2018	4-6	<0.058U	<0.12U	<0.11U	<0.11U	24J	8.1J	0.85J	<0.087U	<0.13U	33.26
SSHS-B955	2/28/2018	4-6	<0.0058U	<0.011U	<0.01U	<0.011U	0.27	0.19	0.066	<0.0086U	<0.012U	0.5552
SSHS-B970	3/1/2018	4-6	<0.0062U	<0.012U	<0.011U	<0.011U	0.56J	0.14J	0.024J	<0.0093U	<0.013U	0.7553
SSHS-B972	3/5/2018	4-6	<0.0063U	<0.013U	<0.012U	<0.012U	0.41J	0.66J	0.24J	<0.0095U	<0.014U	1.343

TABLE 9B
Summary of Analytical Results - PCBs Remaining in Soils Below 2 ft bgs

Former Sperry Remington Site - North Portion
Elmira, New York

			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
			0.00021	0.00033	0.00011	0.00017	0.00011	0.00017	0.00016	0.000085	0.00014	
Subsurface Soil Criteria												10
NYS Hazardous Material												50
LocCode	Sampled Date	Sample Depth (ft)										
SSHS-W11-2	7/27/2018	5.1-5.1	<0.0062	<0.012	<0.011	<0.011	0.54	0.57	0.15	<0.0092	<0.013	1.291
W10-2	7/27/2018	4.2-4.2	<0.0061	<0.012	<0.011	<0.011	0.18	0.085	0.027	<0.0091	<0.013	0.3231
W9-2	7/27/2018	4.6-4.6	<0.0067	<0.013	<0.012	<0.012	1.2	0.58	0.17	<0.01	<0.015	1.984
WWC 7 21	7/21/2018	4.5-4.5	<0.0057	<0.011	<0.01	<0.011	0.47	0.92	0.37	<0.0085	<0.012	1.789
W6-1	7/27/2018	4.2-4.2	<0.0062	<0.012	<0.011	<0.011	0.14	0.076	0.023	<0.0092	<0.013	0.2702
W3-2	7/27/2018	4.3-4.3	<0.0066	<0.013	<0.012	<0.012	0.99	0.23	0.06	<0.0099	<0.014	1.314
W1-2	7/27/2018	4.8-4.8	<0.0064	<0.013	<0.012	<0.012	1.1	0.46	0.12	<0.0096	<0.014	1.714
SSHS-C-E-S-1	8/4/2018	5.9-5.9	<0.0067	<0.013	<0.012	<0.012	0.069	0.019	<0.0059	<0.01	<0.015	0.1253
SSHS-C-E-S-2	8/4/2018	5.5-5.5	<0.0065	<0.013	<0.012	<0.012	1.7	0.57	0.12	<0.0097	<0.014	2.424
SSHS-W2-3	7/27/2018	5.5-5.5	<0.0063	<0.013	<0.012	<0.012	0.72	0.29	0.083	<0.0095	<0.014	1.126
SSHS-SS1 7 21	7/21/2018	6-6	<0.0061U	<0.012U	<0.011U	<0.011U	1.3	0.93	0.32	<0.0091U	<0.013U	2.581
SSHS-B1256	7/9/2018	6-6	<0.0061U	<0.012U	<0.011U	<0.011U	0.66J	0.35J	0.081J	<0.0091U	<0.013U	1.122
SSHS-MW43	3/1/2016	6-7	<0.0086U	<0.014U	<0.0047U	<0.0069U	0.011J	<0.0069U	<0.0064U	<0.0035U	<0.0058U	0.011
SSHS-B112	7/22/2015	6-7	<0.02U	<0.024U	<0.033U	<0.024U	6J	2.4J	0.24J	<0.019U	<0.035U	8.64
SSHS-B121	7/24/2015	6-7	<0.0037U	<0.0046U	<0.0063U	<0.0046U	0.61J	0.34J	0.085J	<0.0037U	<0.0068U	1.035
SSHS-B122	7/22/2015	6-7	<0.0039U	<0.0047U	<0.0065U	<0.0048U	2.7J	1.1J	0.13J	<0.0038U	<0.007U	3.93
SSHS-B132	7/22/2015	6-7	<0.0038U	<0.0047U	<0.0065U	<0.0047U	3.7J	1.5J	0.28J	<0.0038U	<0.0069U	5.48
SSHS-SS-02 8 20	8/20/2018	6-8	<0.0064U,F	<0.013U	<0.012U	<0.012U	5.6	2.7	0.26	<0.0096U	<0.014U	8.594
SSHS-SS-05 8 20	8/20/2018	6-8	<0.0061U	<0.012U	<0.011U	<0.011U	1.6	0.63	0.056	<0.0091U	<0.013U	2.317
SSHS-B107	7/22/2015	6-8	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.015J	<0.0045U	<0.0042U	<0.0038U	<0.007U	0.015
SSHS-B108	7/22/2015	6-8	<0.0038U	<0.0046U	<0.0064U	<0.0047U	0.28J	0.13J	0.03J	<0.0037U	<0.0068U	0.44
SSHS-B109	7/21/2015	6-8	<0.0039U	<0.0048U	<0.0066U	<0.0048U	<0.0048U	<0.0045U	<0.0042U	<0.0038U	<0.007U	<0
SSHS-B1220	7/2/2018	6-8	<0.006U	<0.012U	<0.011U	<0.011U	<0.015U	0.61	<0.0053U	<0.009U	<0.013U	0.6512
SSHS-B1221	6/30/2018	6-8	<0.006U	<0.012U	<0.011U	<0.011U	0.092J	0.41J	<0.0053U	<0.009U	<0.013U	0.5357
SSHS-B1223	7/2/2018	6-8	<0.0066U	<0.013U	<0.012U	<0.012U	0.68J	0.23J	0.051J	<0.0098U	<0.014U	0.9947
SSHS-B1236	7/2/2018	6-8	<0.0059U	<0.012U	<0.011U	<0.011U	0.47J	0.26J	0.025J	<0.0088U	<0.013U	0.7859
SSHS-B123	8/3/2015	6-8	<0.0038U	<0.0046U	<0.0064U	<0.0047U	<0.0046U	<0.0044U	<0.004U	<0.0037U	<0.0068U	<0
SSHS-B1242	6/29/2018	6-8	<0.0064U	<0.013U	<0.012U	<0.012U	1.2J	0.55J	0.19J	<0.0096U	<0.014U	1.974
SSHS-B1243	6/29/2018	6-8	<0.0061U	<0.012U	<0.011U	<0.011U	0.42J	0.36J	0.14J	<0.0091U	<0.013U	0.9511
SSHS-B1244	7/1/2018	6-8	<0.0062U	<0.012U	<0.011U	<0.012U	0.065J	0.03J	<0.0055U	<0.0093U	<0.013U	0.1295
SSHS-B1245	7/28/2018	6-8	<0.064U	<0.13U	<0.12U	<0.12U	15J	3.7J	0.61J	<0.095U	<0.14U	19.64
SSHS-B1252	7/28/2018	6-8	<0.12U	<0.24U	<0.22U	<0.22U	32J	9.3J	1.6J	<0.18U	<0.26U	43.52
SSHS-B125	7/31/2015	6-8	<0.0039U	<0.0048U	<0.0066U	<0.0048U	<0.0048U	<0.0045U	<0.0042U	<0.0038U	<0.007U	<0
SSHS-B126	7/31/2015	6-8	<0.0041U	<0.0051U	<0.007U	<0.0051U	<0.0051U	<0.0048U	0.007J	<0.0041U	<0.0075U	0.007
SSHS-B133	8/3/2015	6-8	<0.0038U	<0.0047U	<0.0065U	<0.0048U	<0.0047U	<0.0045U	<0.0041U	<0.0038U	<0.007U	<0
SSHS-B139	8/3/2015	6-8	<0.0037U	<0.0046U	<0.0063U	<0.0046U	<0.0045U	<0.0043U	<0.004U	<0.0037U	<0.0067U	<0
SSHS-B1401	7/7/2018	6-8	<0.0058U	<0.012U	<0.011U	<0.011U	4.9J	2J	0.26J	<0.0086U	<0.013U	7.191
SSHS-B1408	7/12/2018	6-8	<0.12U	<0.24U	<0.22U	<0.22U	18J	10J	1.2J	<0.18U	<0.26U	29.82
SSHS-B1409	7/12/2018	6-8	<0.0061U	<0.012U	<0.011U	<0.011U	0.76J	0.51J	0.088J	<0.009U	<0.013U	1.389
SSHS-B1411	7/7/2018	6-8	<0.006U	<0.012U	<0.011U	<0.011U	2.2J	1.3J	0.18J	<0.0089U	<0.013U	3.711
SSHS-B146	7/22/2015	6-8	<0.004U	<0.0049U	<0.0067U	<0.0049U	4.1J	1.8J	0.37J	<0.0039U	<0.0072U	6.27
SSHS-B148	8/3/2015	6-8	<0.0039U	<0.0048U	<0.0066U	<0.0048U	<0.0048U	<0.0045U	<0.0042U	<0.0038U	<0.007U	<0
SSHS-B149	7/21/2015	6-8	<0.0038U	<0.0047U	<0.0064U	<0.0047U	<0.0047U	1.2J	0.33J	<0.0038U	<0.0069U	1.53
SSHS-B1500	8/21/2018	6-8	<0.0062U	<0.012U	<0.011U	<0.011U	0.098	0.038	<0.0054U	<0.0092U	<0.013U	0.1699
SSHS-B159	8/3/2015	6-8	<0.039U	<0.048U	<0.066U	<0.048U	15J	6.2J	0.72J	<0.039U	<0.071U	21.92
SSHS-B160A	8/3/2015	6-8	<0.036U	<0.044U	<0.061U	<0.045U	9.2J	3.4J	0.47J	<0.036U	<0.065U	13.07
SSHS-B161	8/3/2015	6-8	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.29J	0.84J	0.14J	<0.0038U	<0.007U	1.27
SSHS-B162	8/3/2015	6-8	<0.0038U	<0.0047U	<0.0064U	<0.0047U	1.3J	2.4J	0.45J	<0.0038U	<0.0069U	4.15
SSHS-B299	7/24/2015	6-8	<0.0037U	<0.0045U	<0.0062U	<0.0046U	<0.0045U	<0.0043U	<0.0039U	<0.0036U	<0.0067U	<0
SSHS-B371	3/8/2016	6-8	<0.0087U	<0.014U	<0.0047U	<0.007U	3J	4J	1.1J	<0.0035U	<0.0059U	8.1
SSHS-B373	3/10/2016	6-8	<0.0093U	<0.015U	<0.0051U	<0.0075U	0.87J	1.3J	0.37J	<0.0038U	<0.0063U	2.54
SSHS-B374	3/10/2016	6-8	<0.0086U	<0.014U	<0.0047U	<0.007U	0.099J	0.1J	0.035J	<0.0035U	<0.0059U	0.234
SSHS-B520	9/22/2016	6-8	<0.0086U	<0.014U</								

TABLE 9B
Summary of Analytical Results - PCBs Remaining in Soils Below 2 ft bgs

Former Sperry Remington Site - North Portion
Elmira, New York

			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
			0.00021	0.00033	0.00011	0.00017	0.00011	0.00017	0.00016	0.000085	0.00014	
Subsurface Soil Criteria												10
NYS Hazardous Material												50
LocCode	Sampled Date	Sample Depth (ft)										
SSHS-B977	3/1/2018	6-8	<0.031U	<0.062U	<0.057U	<0.058U	0.37	0.24	0.071J	<0.047U	<0.068U	0.8425
SSHS-B978	3/5/2018	6-8	<0.0061U	<0.012U	<0.011U	<0.011U	1.7J	1.3J	0.2J	<0.0091U	<0.013U	3.231
SSHS-B985	2/28/2018	6-8	<0.034U	<0.068U	<0.062U	<0.063U	4.5	1.9	0.42	<0.051U	<0.073U	6.996
SSHS-B986	3/5/2018	6-8	<0.0059U	<0.012U	<0.011U	<0.011U	0.22J	0.18J	0.058J	<0.0088U	<0.013U	0.4889
SSHS-SW-008	7/11/2018	6-8	<0.0062U	<0.012U	<0.011U	<0.011U	2.2J	3.7J	0.39J	<0.0093U	<0.013U	6.321
SSHS-SW-009	7/11/2018	6-8	<0.031U	<0.061U	<0.056U	<0.056U	12J	4.6J	0.37J	<0.046U	<0.066U	17.13
SSHS-SW-019	7/12/2018	6-8	<0.12U	<0.23U	<0.21U	<0.21U	34J	13J	1.1J	<0.17U	<0.25U	48.7
SSHS-SW-020	7/12/2018	6-8	<0.0061U	<0.012U	<0.011U	<0.011U	5.5J	2.7J	0.25J	<0.0092U	<0.013U	8.481
SSHS-B1257	7/10/2018	6-8	<0.12	<0.24	<0.22	<0.22	45	17	1.3	<0.18	<0.26	63.92
SSHS-B64	8/14/2014	6-9	<0.0029U	<0.0037U	<0.0033U	<0.0032U	0.13	<0.0028U	<0.0028U	<0.0025U	<0.0043U	0.13
SSHS-B100	8/15/2014	6-10	<0.003U	<0.0038U	<0.0034U	<0.0032U	<0.0019U	<0.0028U	<0.0028U	<0.0026U	<0.0044U	<0
SSHS-GS4-3	7/26/2018	6-6	<0.0068	<0.014	<0.012	<0.013	1.5	0.72	0.06	<0.01	<0.015	2.315
SSHS-B122	7/22/2015	6-7	<0.0039	<0.0047	<0.0065	<0.0048	2.7	1.1	0.13	<0.0038	<0.007	3.93
SSHS-EN4-3	7/26/2018	6.1-6.1	<0.0066	<0.013	<0.012	<0.012	0.17	0.15	0.057	<0.0099	<0.014	0.4108
SSHS-E-S-1-4	8/3/2018	6.2-6.2	<0.0064U	<0.013U	<0.012U	<0.012U	0.24J	0.11J	0.034J	<0.0096U	<0.014U	0.4175
SSHS-W6-3	7/27/2018	6.2-6.2	<0.0063U	<0.013U	<0.012U	<0.012U	0.39J	0.17J	0.036J	<0.0095U	<0.014U	0.6294
SSHS-CS-02	8/9/2018	6.4-6.4	<0.031U	<0.061U	<0.056U	<0.056U	10J	2.8J	0.91J	<0.046U	<0.066U	13.87
SSHS-E-S-9-4	8/3/2018	6.5-6.5	<0.062U	<0.12U	<0.11U	<0.11U	9.1J	3J	0.64J	<0.093U	<0.13U	13.05
SSHS-WWN 7_21	7/21/2018	6.5-6.5	<0.006U	<0.012U	<0.011U	<0.011U	0.64	0.45	0.13	<0.0089U	<0.013U	1.251
SSHS-RS-5	8/4/2018	6.6-6.6	<0.0063U	<0.012U	<0.011U	<0.012U	0.83J	0.46J	0.088J	<0.0093U	<0.013U	1.41
SSHS-GS2-3	7/26/2018	6.6-6.6	<0.0064	<0.013	<0.012	<0.012	1.4	0.58	0.036	<0.0096	<0.014	2.05
SSHS-GS3-4	7/26/2018	6.5-6.5	<0.0064	<0.013	<0.012	<0.012	0.13	0.19	0.052	<0.0095	<0.014	0.4055
SSHS-N-E-1	8/6/2018	6.7-6.7	<0.0062U	<0.012U	<0.011U	<0.011U	0.34J	0.18J	0.048J	<0.0092U	<0.013U	0.5992
SSHS-EN3-4	7/26/2018	6.9-6.9	<0.0064	<0.013	<0.012	<0.012	0.32	0.49	<0.0056	<0.0095	<0.014	0.8463
SSHS-CS-01	8/9/2018	7.3-7.3	<0.0061U	<0.012U	<0.011U	<0.011U	4J	0.98J	0.34J	<0.0091U	<0.013U	5.351
SSHS-EN2-3	7/26/2018	7.6-7.6	<0.0069	<0.014	<0.013	<0.013	3.2	1.3	0.39	<0.01	<0.015	4.926
SSHS-P-4	8/9/2018	7.7-7.7	<0.0061U	<0.012U	<0.011U	<0.011U	0.088J	0.037J	0.0094J	<0.009U	<0.013U	0.1655
SSHS-P2	7/12/2018	7.7-7.7	<0.23U	<0.47U	<0.43U	<0.43U	72J	32J	2.3J	<0.35U	<0.51U	107.5
SSHS-WL-04	8/9/2018	7.8-7.8	<0.0066U	<0.013U	<0.012U	<0.012U	0.15J	0.042J	0.012J	<0.0098U	<0.014U	0.2377
SSHS-SS-06_8_20	8/20/2018	8-10	<0.0064U	<0.013U	<0.012U	<0.012U	0.95	0.41	0.04	<0.0095U	<0.014U	1.433
SSHS-SS-10_8_20	8/20/2018	8-10	<0.057U	<0.11U	<0.1U	<0.11U	16	5.7	0.65	<0.085U	<0.12U	22.64
SSHS-SS-11_8_20	8/20/2018	8-10	<0.03U	<0.061U	<0.055U	<0.056U	8.5	2.9	0.45	<0.045U	<0.066U	12.01
SSHS-SS-13_8_20	8/20/2018	8-10	<0.0064U	<0.013U	<0.012U	<0.012U	<0.016U	<0.013U	<0.0056U	<0.0096U	<0.014U	<0.1016
SSHS-SS-15_8_20	8/20/2018	8-10	<0.0064U	<0.013U	<0.012U	<0.012U	0.74	0.3	0.029	<0.0095U	<0.014U	1.102
SSHS-B1017	4/24/2018	8-10	<0.0061U	<0.012U	<0.011U	<0.011U	0.59	0.56	0.17	<0.0091U	<0.013U	1.351
SSHS-B101	8/14/2014	8-10	<0.0031U	<0.0039U	<0.0035U	<0.0034U	0.5	<0.0029U	0.043	<0.0026U	<0.0045U	0.543
SSHS-B1018	4/24/2018	8-10	<0.0061U	<0.012U	<0.011U	<0.011U	0.81	0.39	0.089	<0.0091U	<0.013U	1.32
SSHS-B1019	4/25/2018	8-10	<0.0061U	<0.012U	<0.011U	<0.011U	2.2	1.3	0.27	<0.0091U	<0.013U	3.801
SSHS-B1020	4/26/2018	8-10	<0.0059U	<0.012U	<0.011U	<0.011U	1.3	0.36	0.064	<0.0089U	<0.013U	1.755
SSHS-B1021	4/25/2018	8-10	<0.0056U	<0.011U	<0.01U	<0.01U	1.5	0.6	0.11	<0.0083U	<0.012U	2.238
SSHS-B1022	4/25/2018	8-10	<0.0058U	<0.012U	<0.011U	<0.011U	2.8	1.6	0.38	<0.0087U	<0.013U	4.811
SSHS-B102	8/3/2015	8-10	<0.0039U	<0.0048U	<0.0067U	<0.0049U	4J	2.1J	0.18J	<0.0039U	<0.0071U	6.28
SSHS-B106A	8/3/2015	8-10	<0.0037U	<0.0046U	<0.0063U	<0.0046U	3.1J	1.3J	0.094J	<0.0037U	<0.0068U	4.494
SSHS-B1084	6/28/2018	8-10	<0.0061U	<0.012U	<0.011U	<0.011U	0.38J	0.71J	0.066J	<0.009U	<0.013U	1.187
SSHS-B1109	6/29/2018	8-10	<0.0063U	<0.013U	<0.011U	<0.012U	0.093J	0.033J	0.012J	<0.0094U	<0.014U	0.1709
SSHS-B1158	7/6/2018	8-10	<0.0063U	<0.013U	<0.012U	<0.012U	<0.015U	<0.013U	<0.0055U	<0.0094U	<0.014U	<0.1002
SSHS-B1162	7/5/2018	8-10	<0.0059U	<0.012U	<0.011U	<0.011U	0.25J	0.089J	0.014J	<0.0087U	<0.013U	0.3838
SSHS-B117A	8/3/2015	8-10	<0.039U	<0.048U	<0.066U	<0.049U	14J	7.3J	0.84J	<0.039U	<0.071U	22.14
SSHS-B1198	7/6/2018	8-10	<0.006U	<0.012U	<0.011U	<0.011U	0.17J	0.4J	<0.0053U	<0.009U	<0.013U	0.6037
SSHS-B1224	7/1/2018	8-10	<0.057U	<0.11U	<0.1U	<0.1U	8.9J	5.1J	0.44J	<0.085U	<0.12U	14.73
SSHS-B1234	6/28/2018	8-10	<0.006U	<0.012U	<0.011U	<0.011U	<0.015U	3.6J	0.3J	<0.009U	<0.013U	3.939
SSHS-B1237	7/2/2018	8-10	<0.0062U	<0.012U	<0.011U	<0.011U	2.2J	1.1J	0.22J	<0.0092U	<0.013U	3.551
SSHS-B1253	7/28/2018	8-10	<0.059U	<0.12U	<0.11U	<0.11U	11J	3.2J	0.6J	<0.088U	<0.13U	15.11
SSHS-B126	7/31											

TABLE 9B
Summary of Analytical Results - PCBs Remaining in Soils Below 2 ft bgs

Former Sperry Remington Site - North Portion
Elmira, New York

			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
			0.00021	0.00033	0.00011	0.00017	0.00011	0.00017	0.00016	0.000085	0.00014	
Subsurface Soil Criteria												10
NYS Hazardous Material												50
LocCode	Sampled Date	Sample Depth (ft)										
SSHS-B883	1/20/2018	8-10	<0.077U	<0.15U	<0.14U	<0.14U	59J	32J	4J	<0.11U	<0.17U	95.39
SSHS-B889	1/12/2018	8-10	<0.0058U	<0.011U	<0.011U	<0.011U	2J	0.87J	0.21J	<0.0086U	<0.012U	3.11
SSHS-B890	1/23/2018	8-10	<0.006U	<0.012U	<0.011U	<0.011U	2.1J	0.76J	0.19J	<0.009U	<0.013U	3.081
SSHS-B904	1/9/2018	8-10	<0.0062U	<0.012U	<0.011U	<0.011U	6.1	2.4	0.55	<0.0092U	<0.013U	9.081
SSHS-B905	1/17/2018	8-10	<0.0062U	<0.012U	<0.011U	<0.011U	3.6J	1.6J	0.33J	<0.0092U	<0.013U	5.561
SSHS-B911	1/19/2018	8-10	<0.0064U	<0.013U	<0.012U	<0.012U	<0.015U	<0.013U	<0.0056U	<0.0095U	<0.014U	<0.1005
SSHS-B930	1/23/2018	8-10	<0.0062U	<0.012U	<0.011U	<0.011U	0.016J	<0.013U	<0.0054U	<0.0093U	<0.013U	0.05645
SSHS-B942	1/24/2018	8-10	<0.0061U	<0.012U	<0.011U	<0.011U	0.042	<0.013U	<0.0053U	<0.0091U	<0.013U	0.08225
SSHS-B955	2/27/2018	8-10	<0.0059U	<0.012U	<0.011U	<0.011U	1.2	0.58	0.12	<0.0087U	<0.013U	1.931
SSHS-B956	2/27/2018	8-10	<0.0056U	<0.011U	<0.01U	<0.01U	3.2	1	0.2	<0.0084U	<0.012U	4.429
SSHS-B957	2/28/2018	8-10	<0.029U	<0.057U	<0.052U	<0.053U	6.5	2.8	0.57	<0.043U	<0.062U	10.02
SSHS-B959	2/28/2018	8-10	<0.031U	<0.062U	<0.057U	<0.057U	0.87	0.44	0.086J	<0.046U	<0.067U	1.556
SSHS-B960	2/28/2018	8-10	<0.0066U	<0.013U	<0.012U	<0.012U	3.6	1.1	0.28	<0.0098U	<0.014U	5.014
SSHS-B961	3/5/2018	8-10	<0.0066U	<0.013U	<0.012U	<0.012U	3.5J	1.8J	0.37J	<0.0098U	<0.014U	5.704
SSHS-B973	3/1/2018	8-10	<0.031U	<0.062U	<0.056U	<0.057U	1.5	0.97	0.13	<0.046U	<0.067U	2.76
SSHS-B977	3/1/2018	8-10	<0.03U	<0.06U	<0.055U	<0.056U	0.76	0.48	0.074J	<0.045U	<0.065U	1.47
SSHS-B978	3/5/2018	8-10	<0.006U,*	<0.012U	<0.011U	<0.011U	2.4	0.66	0.1*	<0.0089U	<0.013U	3.191
SSHS-B981	2/28/2018	8-10	<0.0063U	<0.012U	<0.011U	<0.012U	0.83	0.45	0.15	<0.0093U	<0.014U	1.462
SSHS-B989	3/5/2018	8-10	<0.0065U	<0.013U	<0.012U	<0.012U	4.3J	1.6J	0.2J	<0.0096U	<0.014U	6.134
SSHS-B992	3/4/2018	8-10	<0.12U	<0.24U	<0.22U	<0.22U	43J	14J	2.1J	<0.18U	<0.26U	59.72
SSHS-B998	2/28/2018	8-10	<0.03U	<0.06U	<0.055U	<0.055U	0.72	0.36	0.12	<0.045U	<0.065U	1.355
SSHS-MW46	8/30/2016	8-10	<0.0095U	<0.015U	<0.0052U	<0.0076U	<0.0048U	<0.0076U	<0.0071U	<0.0039U	<0.0064U	<0.0671
SSHS-B100	8/15/2014	6-10	<0.003	<0.0038	<0.0034	<0.0032	<0.0019	<0.0028	<0.0028	<0.0026	<0.0044	<0
SSHS-B64	8/14/2014	6-9	<0.0029	<0.0037	<0.0033	<0.0032	0.13	<0.0028	<0.0028	<0.0025	<0.0043	0.13
SSHS-BE-2	7/26/2018	8.2-8.2	<0.0062	<0.012	<0.011	<0.011	5.2	1.8	0.51	<0.0093	<0.013	7.541
SSHS-BE-3	7/26/2018	8.3-8.3	<0.0069	<0.014	<0.013	<0.013	0.66	0.59	0.23	<0.01	<0.015	1.516
SSHS-WL-03	8/9/2018	8.3-8.3	<0.0057U	<0.011U	<0.01U	<0.01U	0.66J	0.2J	0.056J	<0.0085U	<0.012U	0.9446
SSHS-WL-01	8/9/2018	8.4-8.4	<0.0057U	<0.011U	<0.01U	<0.01U	1.2J	0.27J	0.072J	<0.0084U	<0.012U	1.571
SSHS-P-3	8/9/2018	8.5-8.5	<0.0064U	<0.013U	<0.012U	<0.012U	0.32J	0.088J	0.032J	<0.0096U	<0.014U	0.4735
SSHS-RS-3	8/4/2018	8.6-8.6	<0.0062U	<0.012U	<0.011U	<0.011U	0.79J	0.26J	0.079J	<0.0093U	<0.013U	1.16
SSHS-WL-02	8/9/2018	8.6-8.6	<0.0066U	<0.013U	<0.012U	<0.012U	0.15J	0.038J	<0.0058U	<0.0099U	<0.014U	0.2247
SSHS-B-F-E-3	8/4/2018	8.8-8.8	<0.0059U	<0.012U	<0.011U	<0.011U	5.4J	1.7J	0.53J	<0.0088U	<0.013U	7.661
SSHS-P-2	8/9/2018	8.8-8.8	<0.0067U	<0.013U	<0.012U	<0.012U	0.15J	0.04J	0.0087J	<0.01U	<0.014U	0.2326
SSHS-CS2	7/12/2018	9.1-9.1	<0.0057U	<0.011U	<0.01U	<0.011U	1.6J	1.1J	0.13J	<0.0086U	<0.012U	2.859
SSHS-PW-1	8/7/2018	9.2-9.2	<0.0066U	<0.013U	<0.012U	<0.012U	0.61J	0.21J	0.043J	<0.0098U	<0.014U	0.8967
SSHS-PE-1	8/7/2018	9.3-9.3	<0.0063U	<0.012U	<0.011U	<0.012U	0.17J	0.047J	0.011J	<0.0094U	<0.014U	0.2604
SSHS-B-F-S-1	8/4/2018	9.7-9.7	<0.0063U	<0.013U	<0.011U	<0.012U	0.39J	0.21J	0.042J	<0.0094U	<0.014U	0.6749
SSHS-MW42	3/1/2016	10-11	<0.0082U	<0.013U	<0.0045U	<0.0066U	0.034J	0.021J	0.0086J	<0.0034U	<0.0056U	0.0636
SSHS-BSW-001	7/12/2018	10-12	<0.033U	<0.065U	<0.06U	<0.06U	12J	5.3J	0.57J	<0.049U	<0.071U	18.04
SSHS-NSBW	7/12/2018	10-12	<0.0058U	<0.011U	<0.011U	<0.011U	0.37J	0.17J	0.019J	<0.0086U	<0.012U	0.5887
SSHS-P1	7/12/2018	10-12	<0.25U	<0.49U	<0.45U	<0.45U	120J	44J	3.4J	<0.37U	<0.53U	168.7
SSHS-SS-07_8_20	8/20/2018	10-12	<0.0059U	<0.012U	<0.011U	<0.011U	0.93	0.38	0.043	<0.0088U	<0.013U	1.384
SSHS-SS-12_8_20	8/20/2018	10-12	<0.0064U	<0.013U	<0.012U	<0.012U	0.5	0.27	0.046	<0.0096U	<0.014U	0.8495
SSHS-SS-14_8_20	8/20/2018	10-12	<0.0063U	<0.012U	<0.011U	<0.012U	0.037	<0.013U	<0.0055U	<0.0094U	<0.014U	0.0786
SSHS-SS-16_8_20	8/20/2018	10-12	<0.0068U	<0.014U	<0.012U	<0.013U	<0.017U	<0.014U	<0.006U	<0.01U	<0.015U	<0.1078
SSHS-B1006	3/3/2018	10-12	<0.0066U	<0.013U	<0.012U	<0.012U	0.11J	0.046J	0.0092J	<0.0098U	<0.014U	0.1989
SSHS-B1010	4/24/2018	10-12	<0.0078U	<0.016U	<0.014U	<0.014U	0.061	0.021J	<0.0068U	<0.012U	<0.017U	0.1258
SSHS-B1016	4/24/2018	10-12	<0.0063U	<0.012U	<0.011U	<0.012U	0.036	<0.013U	<0.0055U	<0.0093U	<0.013U	0.07705
SSHS-B1017	4/24/2018	10-12	<0.0062U	<0.012U	<0.011U	<0.011U	1.3	1.2	0.32	<0.0093U	<0.013U	2.851
SSHS-B1018	4/26/2018	10-12	<0.006U	<0.012U	<0.011U	<0.011U	2.3	0.59	0.069	<0.009U	<0.013U	2.99
SSHS-B1018	4/24/2018	10-12	<0.0066U	<0.013U	<0.012U	<0.012U	1.6	0.44	0.069	<0.0098U	<0.014U	2.143
SSHS-B1021	4/25/2018	10-12	<0.0057U	<0.011U	<0.01U	<0.011U	2.1	0.81	0.17	<0.0085U	<0.012U	3.109
SSHS-B1068	7/1/2018	10-12	<0.0066U	<0.013U	<0.012U	<0.012U	2J	0.56J	0.093J	<0.0099U	<0.014U	2.687
SSHS-B1086	7/6/2018	10-12	<0.0062U	<0.012U	<0.011U	<0.011U	0.48J	0.37J	0.073J	<0.0093U	<0.013U	0.9543
SSHS-B1122	7/6/2018	10-12	<0.0061U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0053U	<0.0091U	<0.013U	<0.0955
SSHS-B1160	6/30/2018	10-12	<0.0065U	<0.013U	<0.012U	<0.012U	0.017J	<0.014U	<0.0056U	<0.0096U	<0.014U	0.06035
SSHS-B1198	7/6/2018	10-12	<0.0073U	<0.014U	<0.013U	<0.013U	2.2J	0.91J	<0.0063U	<0.011U	<0.016U	3.15
SSHS-B1204	7/28/2018	10-12	<0.0061U	<0.012U	<0.011U	<0.011U	1.5J	0.62J	0.13J	<0.0091U	<0.013U	2.281
SSHS-B1219	7/1/2018	10-12	<0.0062U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0054U	<0.0092U	<0.013U	<0.0958
SSHS-B1247	7/6/2018	10-12	<0.0063U	<0.013U	<0.011U	<0.012U	4	<0.013U	<0.0055U	<0.0094U	<0.014U	4.042
SSHS-B1248	6/29/2018	10-12	<0.006U	<0.012U	<0.011U	<0.011U	3.6J	1.4J	0.34J	<0.0089U	<0.013U	5.371
SSHS-B1249	7/6/2018	10-12	<0.0059U	<0.012U	<0.011U	<0.011U	<0.014U	<0.012U	<0.0052U	<0.0088U	<0.013U	<0.0929
SSHS-B1251	7/1/2018	10-12	<0.0065U	<0.013U	<0.012U	<0.012U	<0.016U	<0.014U	<0.0057U	<0.0097U	<0.014U	<0.1029
SSHS-B1252	7/1/2018	10-12	<0.0065U	<0.013U	<0.012U	<0.012U	0.059J	0.017J	<0.0057U	<0.0097U	<0.014U	0.059
SSHS-B1254	7/1/2018	10-12	<0.0066U	<0.013U	<0.012U	<0.012U	1.2J	0.43J	0.07J	<0.0098U	<0.014U	0.5337

TABLE 9B
Summary of Analytical Results - PCBs Remaining in Soils Below 2 ft bgs

Former Sperry Remington Site - North Portion
Elmira, New York

			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
			0.00021	0.00033	0.00011	0.00017	0.00011	0.00017	0.00016	0.000085	0.00014	
Subsurface Soil Criteria												10
NYS Hazardous Material												50
LocCode	Sampled Date	Sample Depth (ft)										
SSHS-B1299	8/4/2018	10-12	<0.0059U	<0.012U	<0.011U	<0.011U	0.17J	0.063J	0.015J	<0.0088U	<0.013U	0.2789
SSHS-B1417	7/7/2018	10-12	<0.12U	<0.24U	<0.22U	<0.22U	28J	11J	1.2J	<0.18U	<0.26U	40.82
SSHS-B1418	7/7/2018	10-12	<0.0059U	<0.012U	<0.011U	<0.011U	0.85J	0.39J	0.046J	<0.0088U	<0.013U	1.317
SSHS-B1502	8/21/2018	10-12	<0.0061U	<0.012U	<0.011U	<0.011U	0.029	<0.013U	<0.0053U	<0.0091U	<0.013U	0.06925
SSHS-B377	3/8/2016	10-12	<0.0085U	<0.013U	<0.0047U	<0.0069U	0.53J	0.18J	0.034J	<0.0035U	<0.0058U	0.744
SSHS-B389	3/10/2016	10-12	<0.0088U	<0.014U	<0.0048U	<0.0071U	0.0084J	<0.0071U	<0.0066U	<0.0036U	<0.006U	0.0084
SSHS-B537	9/22/2016	10-12	<0.0087U	<0.014U	<0.0048U	<0.007U	<0.019U	<0.007U	<0.0065U	<0.0036U	<0.0059U	<0.0765
SSHS-B538	9/21/2016	10-12	<0.0091U	<0.014U	<0.005U	<0.0073U	<0.0047U	<0.0073U	<0.0068U	<0.0037U	<0.0062U	<0.0641
SSHS-B542	9/22/2016	10-12	<0.0084U	<0.013U	<0.0046U	<0.0068U	<0.0043U	<0.0068U	<0.0063U	<0.0034U	<0.0057U	<0.0593
SSHS-B543	9/21/2016	10-12	<0.0095U	<0.015U	<0.0052U	<0.0077U	<0.0049U	<0.0077U	<0.0071U	<0.0039U	<0.0065U	<0.0675
SSHS-B545	9/22/2016	10-12	<0.0086U	<0.013U	<0.0047U	<0.0069U	<0.0044U	<0.0069U	<0.0064U	<0.0035U	<0.0058U	<0.0602
SSHS-B555	9/16/2016	10-12	<0.0089U	<0.014U	<0.0048U	<0.0071U	0.0092J	<0.0071U	<0.0066U	<0.0036U	<0.006U	0.03825
SSHS-B556	9/23/2016	10-12	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.18J	0.077J	0.028J	<0.0034U	<0.0057U	0.306
SSHS-B64	8/14/2014	10-12	<0.0029U	<0.0037U	<0.0033U	<0.0032U	<0.0018U	<0.0028U	<0.0028U	<0.0025U	<0.0042U	<0
SSHS-B65	8/14/2014	10-12	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
SSHS-B67	8/14/2014	10-12	<0.0026U	<0.0034U	<0.003U	<0.0029U	0.065	<0.0025U	<0.0025U	<0.0023U	<0.0039U	0.065
SSHS-B838	1/9/2018	10-12	<0.0061U	<0.012U	<0.011U	<0.011U	4.6J	1.3J	0.26J	<0.0091U	<0.013U	6.191
SSHS-B839	1/18/2018	10-12	<0.12U	<0.24U	<0.22U	<0.22U	41J	9.2J	1.8J	<0.18U	<0.26U	52.62
SSHS-B841	1/20/2018	10-12	<0.0061U	<0.012U	<0.011U	<0.011U	0.048J	0.021J	<0.0054U	<0.0092U	<0.013U	0.1029
SSHS-B842	1/22/2018	10-12	<0.031U	<0.061U	<0.056U	<0.057U	6.8J	2.1J	0.47J	<0.046U	<0.066U	9.529
SSHS-B843	1/19/2018	10-12	<0.063U	<0.13U	<0.12U	<0.12U	5.8J	1.9J	0.25J	<0.094U	<0.14U	8.284
SSHS-B845	1/18/2018	10-12	<0.0065U	<0.013U	<0.012U	<0.012U	<0.016U	<0.014U	<0.0057U	<0.0097U	<0.014U	<0.1029
SSHS-B850	1/23/2018	10-12	<0.0064U	<0.013U	<0.012U	<0.012U	5.5J	2J	0.41J	<0.0095U	<0.014U	7.943
SSHS-B851	1/18/2018	10-12	<0.0062U	<0.012U	<0.011U	<0.011U	0.44J	0.16J	0.038J	<0.0093U	<0.013U	0.6693
SSHS-B852	1/19/2018	10-12	<0.0062U	<0.012U	<0.011U	<0.011U	1.5J	0.52J	0.055J	<0.0093U	<0.013U	2.106
SSHS-B855	1/10/2018	10-12	<0.0067U	<0.013U	<0.012U	<0.012U	1.1J	0.3J	0.095J	<0.01U	<0.015U	1.529
SSHS-B856	1/17/2018	10-12	<0.061U	<0.12U	<0.11U	<0.11U	12J	3.8J	0.37J	<0.091U	<0.13U	16.48
SSHS-B877	1/18/2018	10-12	<0.0062U	<0.012U	<0.011U	<0.011U	1.5	0.47	0.1	<0.0092U	<0.013U	2.101
SSHS-B878	1/20/2018	10-12	<0.0065U	<0.013U	<0.012U	<0.012U	0.086	0.041	<0.0057U	<0.0098U	<0.014U	0.1635
SSHS-B879	1/19/2018	10-12	<0.0067U	<0.013U	<0.012U	<0.012U	1.4J	0.46J	0.051J	<0.0099U	<0.014U	1.945
SSHS-B882	1/12/2018	10-12	<0.006U	<0.012U	<0.011U	<0.011U	0.055J	0.025J	<0.0052U	<0.0089U	<0.013U	0.1136
SSHS-B883	1/20/2018	10-12	<0.065U	<0.13U	<0.12U	<0.12U	41	19	2.5	<0.096U	<0.14U	62.84
SSHS-B885	1/17/2018	10-12	<0.0061U	<0.012U	<0.011U	<0.011U	3.9J	1.3J	0.37J	<0.0091U	<0.013U	5.601
SSHS-B886	1/19/2018	10-12	<0.059U	<0.12U	<0.11U	<0.11U	8.4	2.7	0.41	<0.088U	<0.13U	11.82
SSHS-B887	1/24/2018	10-12	<0.0061U	<0.012U	<0.011U	<0.011U	2J	0.77J	0.16J	<0.0091U	<0.013U	2.961
SSHS-B888	1/22/2018	10-12	<0.063U	<0.13U	<0.11U	<0.12U	11J	4J	0.58J	<0.094U	<0.14U	15.91
SSHS-B889	1/12/2018	10-12	<0.0058U	<0.012U	<0.011U	<0.011U	2.7J	1.2J	0.25J	<0.0087U	<0.013U	4.181
SSHS-B890	1/23/2018	10-12	<0.3U	<0.6U	<0.55U	<0.55U	87J	24J	5.4J	<0.45U	<0.65U	118
SSHS-B891	1/19/2018	10-12	<0.0064U	<0.013U	<0.012U	<0.012U	0.19J	0.078J	<0.0056U	<0.0096U	<0.014U	0.3043
SSHS-B893	1/19/2018	10-12	<0.061U	<0.12U	<0.11U	<0.11U	11	3.6	0.45	<0.091U	<0.13U	15.36
SSHS-B919	1/12/2018	10-12	<0.0062U	<0.012U	<0.011U	<0.011U	1.5J	0.62J	0.13J	<0.0092U	<0.013U	2.281
SSHS-B920	1/16/2018	10-12	<0.032U	<0.063U	<0.057U	<0.058U	4.6J	2.1J	0.43J	<0.047U	<0.068U	7.293
SSHS-B948	1/23/2018	10-12	<0.0063U	<0.013U	<0.012U	<0.012U	0.048J	0.021J	<0.0055U	<0.0095U	<0.014U	0.1052
SSHS-B958	3/4/2018	10-12	<0.0063U	<0.012U	<0.011U	<0.012U	0.4J	0.12J	<0.0055U	<0.0093U	<0.014U	0.5551
SSHS-B973	3/1/2018	10-12	<0.032U	<0.064U	<0.059U	<0.059U	0.54	0.62	0.14	<0.048U	<0.07U	1.466
SSHS-B977	3/1/2018	10-12	<0.035U	<0.071U	<0.065U	<0.065U	2.7	2.5	0.38	<0.053U	<0.076U	5.763
SSHS-B978	3/5/2018	10-12	<0.0058U	<0.012U	<0.011U	<0.011U	0.35J	0.17J	0.033J	<0.0086U	<0.013U	0.5837
SSHS-B979	3/4/2018	10-12	<0.0072U	<0.014U	<0.013U	<0.013U	5.5J	1.6J	0.24J	<0.011U	<0.016U	7.377
SSHS-B981	2/28/2018	10-12	<0.0064U	<0.013U	<0.012U	<0.012U	0.43	0.21	0.048	<0.0096U	<0.014U	0.7215
SSHS-B987	3/3/2018	10-12	<0.0059U,*	<0.012U	<0.011U	<0.011U	3	1.1	0.13*	<0.0087U	<0.013U	4.261
SSHS-B989	3/5/2018	10-12	<0.0059U	<0.012U	<0.011U	<0.011U	3.5	1.2	0.21	<0.0088U	<0.013U	4.941
SSHS-B991	3/3/2018	10-12	<0.0069U	<0.014U	<0.013U	<0.013U	4.7	1.4	0.2p	<0.01U	<0.015U	6.336
SSHS-B992	3/4/2018	10-12	<0.0063U	<0.013U	<0.011U	<0.012U	1.9	0.58	0.11	<0.0094U	<0.014U	2.623
SSHS-B993	3/1/2018	10-12	&									

TABLE 9B
Summary of Analytical Results - PCBs Remaining in Soils Below 2 ft bgs

Former Sperry Remington Site - North Portion
Elmira, New York

			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
			0.00021	0.00033	0.00011	0.00017	0.00011	0.00017	0.00016	0.000085	0.00014	
Subsurface Soil Criteria												10
NYS Hazardous Material												50
LocCode	Sampled Date	Sample Depth (ft)										
SSHS-B957	2/28/2018	12-14	<0.03U	<0.06U	<0.055U	<0.055U	5.1	2.3	0.46	<0.045U	<0.065U	8.015
SSHS-B973	3/1/2018	12-14	<0.033U	<0.066U	<0.061U	<0.061U	0.31	0.24	0.044J	<0.05U	<0.072U	0.7655
SSHS-B977	3/1/2018	12-14	<0.033U	<0.067U	<0.061U	<0.062U	3.5	2.5	0.46	<0.05U	<0.072U	6.633
SSHS-B978	3/5/2018	12-14	<0.0059U,*	<0.012U	<0.011U	<0.011U	2.8	0.88	0.13*	<0.0089U	<0.013U	3.841
SSHS-B980	3/4/2018	12-14	<0.0068U	<0.014U	<0.012U	<0.013U	1.1J	0.26J	0.036J	<0.01U	<0.015U	1.431
SSHS-B981	2/28/2018	12-14	<0.006U	<0.012U	<0.011U	<0.011U	0.21	0.094	0.019	<0.009U	<0.013U	0.354
SSHS-B993	3/1/2018	12-14	<0.007U	<0.014U	<0.013U	<0.013U	0.027	<0.015U	<0.0061U	<0.01U	<0.015U	0.07355
SSHS-MW46	8/30/2016	12-14	<0.0095U	<0.015U	<0.0052U	<0.0077U	0.019J	<0.0077U	<0.0071U	<0.0039U	<0.0064U	0.05025
SSHS-B953	3/4/2018	12-14	<0.0062	<0.012	<0.011	<0.011	0.42	0.17	<0.0054	<0.0092	<0.013	0.6239
SSHS-B100	8/15/2014	10-13.5	<0.003U	<0.0038U	<0.0034U	<0.0033U	<0.0019U	<0.0029U	<0.0029U	<0.0026U	<0.0044U	<0
SSHS-B101	8/14/2014	12-15.5	<0.0028U	<0.0036U	<0.0033U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0025U	<0.0042U	<0
SSHS-B1009	4/24/2018	14-16	<0.0062U	<0.012U	<0.011U	<0.011U	0.45	0.14	0.026	<0.0092U	<0.013U	0.6472
SSHS-B1025	4/26/2018	14-16	<0.0064U	<0.013U	<0.012U	<0.012U	0.24	0.11	0.023	<0.0096U	<0.014U	0.4065
SSHS-B1026	4/24/2018	14-16	<0.07U	<0.14U	<0.13U	<0.13U	21	10	2.2	<0.1U	<0.15U	33.56
SSHS-B1091	7/6/2018	14-16	<0.0069U	<0.014U	<0.013U	<0.013U	<0.017U	<0.015U	<0.006U	<0.01U	<0.015U	<0.1099
SSHS-B1092	7/6/2018	14-16	<0.0064U	<0.013U	<0.012U	<0.012U	<0.016U	0.022	<0.0056U	<0.0096U	<0.014U	0.0663
SSHS-B1093	7/6/2018	14-16	<0.0066U	<0.013U	<0.012U	<0.012U	0.096J	0.058J	0.019J	<0.0098U	<0.014U	0.2067
SSHS-B1094	7/6/2018	14-16	<0.0062U	<0.012U	<0.011U	<0.011U	0.037	<0.013U	<0.0054U	<0.0092U	<0.013U	0.0774

Notes:

mg/kg - milligrams per kilogram

U - non-detect

J - estimated value

PCB concentrations detected above subsurface soil criteria

PCB concentrations detected above New York State hazardous waste threshold

TABLE 9C
Summary of Analytical Results - Metals Remaining in Soils

Former Sperry Remington Site - North Portion
Elmira, New York

			Metals																					
			Lead	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (III+VI)	Cobalt	Copper	Iron	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Thallium	Vanadium	Zinc
			0.39	7.9	0.14	0.39	7.9	0.16	0.015	200	0.2	2	0.99	3.9	200	0.59	0.008	1.6	200	0.35	0.04	0.14	2	0.79
Restricted Residential Criteria			400			16	400	72	4.3		110		270			2000	0.81	310		180	180			10000
LocCode	Sampled Date	Sample Depth Range																						
SSHS-B1261	8/3/2018	0-2	16J	6000	<0.38U	6.4J	40	0.26J	<0.04U	6800	8.2	6.2	31	18,000	3000	340	0.017J	16	570	<0.57U	<0.12U	<0.23U	14	55
SSHS-B524	9/23/2016	0-2	13	9200	<0.37U	13	100	0.43	<0.12U	8600	12	9.7	22	21,000	4000	470	0.025J	22	680	<0.42U	<0.17U	<0.52U	13	68
SSHS-B1260	8/3/2018	0-2	20	7400	<0.39U	5.3	68	0.36J	<0.041U	7500	10	6.4	21	16,000	2700	650	0.024J	18	720	<0.59U	<0.12U	0.32J	11	71
SSHS-B1029	5/23/2018	0-2	120	5700	3.5	18	150	0.64	0.26J	3300	27	8.2	260	34,000	1000	270	0.15	290	860	2	<0.12U	<0.24U	16	99
SSHS-B1030	5/24/2018	0-2	78	10,000	0.81J	16	130	0.67	0.4J	3200	23	9.9	260	29,000	2400	460	0.077	74	1100	1.3	<0.13U	<0.26U	17	120
SSHS-E-5-1	8/6/2018	1.4-1.4	240J	10,000	8.9J	12	190	0.56	<0.044U	6000	30	10	340	32,000	3200	680	0.065	120	1100	<0.62U	<0.13U	<0.25U	20	280J
SSHS-E-7-1	8/6/2018	1.5-1.5	340	8900	2.3	16	180	1.2	<0.082U	2100	37	13	1900	45,000	2000	650	0.047	290	880	1J	0.23J	<0.23U	20	200
SSHS-E-6-1	8/6/2018	1-1	500	7700	3.9J-	9.5	190	0.45	<0.041UJ	16,000J-	38J	8.1	510=	33,000	1600	520=	0.078J+	140J	820	0.99J	0.12J	<0.23U	20	210J-
SSHS-B24	5/9/2000	1-4	3940N*	-	-	56.2N*	434	0.99	<0.58U	-	60.1	-	2300N*	-	-	-	<0.06UN	761N	-	1.6	<1.2U	-	-	451N
SSHS-B519	9/22/2016	2-4	290	7500	2.3	11	280	0.41J	1.7	4400	26	9.5	550	44,000	2000	620	0.32	170	920	1J	<0.2U	<0.6U	23	240
SSHS-B520	9/22/2016	2-4	240	5400	2.8J	21	1500	0.36J	1.7	10,000	52	17	230	160,000	240J	1100	<0.0081U	470	300J	1.9	0.17J	<0.5U	12J	110
SSHS-B524	9/23/2016	2-4	61	8000	0.5J	11	89	0.43	<0.12U	37,000	17	8.1	74	24,000	6100	600	0.032J	58	700	<0.42U	<0.17U	<0.52U	14	84
SSHS-B555	9/16/2016	2-4	3300J	7300	2.7J	9.7J	240J	0.38J	0.21J	16,000J+	27J	7.4J	48J-	31,000	3000J	470J	0.054B	63J	570	0.56J	<0.16UJ	<0.47UJ	18J	97
SSHS-OS1-A	8/2/2018	2-4	610	3400	0.8J	25	370	0.53	0.44J	4700	15=	3.6J	98	16,000	630	120	0.28	45	380J	1.3	<0.13U	0.29J	14	520
SSHS-OS1-B	8/2/2018	2-4	340	6600	2.2	14	240	0.44J	0.81	10,000	75=	8.5	240	37,000	2000	450	0.41	340	670	1.1	0.15J	<0.24U	17	290
SSHS-OS1-C	8/2/2018	2-4	17	8600	<0.38U	7	94	0.37J	<0.041U	1800	38=	6	23	23,000	2200	330	0.12	22	880	<0.58U	<0.12U	<0.23U	14	69
SSHS-W3-1	7/27/2018	2.5-2.5	8.6	6500=	<0.39U	5	58	0.26J	<0.042U	8900	7.7	6	23	16,000=	3200	690=	0.024J	14	490J	<0.59U	<0.12U	0.35J	11	55
SSHS-W10-1	7/27/2018	3.6-3.6	90	6300=	0.5J	6.9	71	0.28J	<0.042U	26,000	23	5.9	74	19,000=	3000	370=	0.08	86	670	<0.6U	<0.12U	<0.24U	12	70
SSHS-B101	8/14/2014	3-6	120	3500	2.7	17	140	0.92	<0.069J	2000	9.3	7.2	70	29,000	850	180	0.13	16	<640U	1.8	<0.052U	<0.19U	18	68B
SSHS-B100	8/15/2014	4-6	17	3100	<0.23U	7.8	58	0.49	<0.067J	7600	9.4	<4.2J	45	22,000	1600	200	<0.012U	21B	580	1.3	<0.046U	<0.17U	20	25B
SSHS-B519	9/22/2016	4-6	180J	5500	1.1J	5.4	120	0.28J	18J	5800J+	19J	6.3	610F2	26,000	1900	560F2	0.042J+	110J	580J	0.85J	<0.2U	<0.59U	13	110J
SSHS-B520	9/22/2016	4-6	57	4400	0.34J	4.8	160	0.19J	48	25,000	10	6.8	27	23,000	1200	430	0.014J	53	350J	0.87J	<0.16U	<0.47U	8.4	33
SSHS-B524	9/23/2016	4-6	12	5300	<0.33U	6.4	34	0.26J	<0.1U	31,000	9.3	5.8	29	13,000	8600	350	0.017J	15	590	<0.36U	<0.15U	<0.46U	10	49
SSHS-B555	9/16/2016	4-6	33	7200	<0.4U	4.9	77	0.36J	<0.13U	4200	11	5.7	18	17,000	2400	360	<0.032U	18	620	<0.45U	<0.19U	<0.57U	12	45
SSHS-W3-2	7/27/2018	4.3-4.3	44	5500=	<0.42U	5	56	0.27J	<0.045U	12,000	9.3	5J	39	13,000=	4000	380=	0.026J	25	660	<0.63U	<0.13U	<0.26U	9.9	55
SSHS-N-E-0	8/6/2018	4.7-4.7	290	9100	1.5	6.9	780	0.4J	<0.042U	18,000	22	8.8	340	38,000	2000	540	0.038J	160	800	0.65J	<0.12U	<0.24U	21	140
SSHS-W1-2	7/27/2018	4.8-4.8	72	8200=	<0.41U	9.8	120	0.42J	<0.044U	4100	15	7.1	60	19,000=	2600	330=	0.055	43	620	0.86J	<0.13U	0.37J	16	100
SSHS-EN3-4	7/26/2018	5.9-5.9	15	13,000	<0.42	9.8	66	0.59	0.05	1300	16	10	37	23,000	3200	480	0.02	270	1100	<0.64	<0.13	<0.26	18	59
SSHS-GS3-4	7/26/2018	6.5-6.5	14	13,000	<0.41	9.2	80	0.59	0.061	24,000	15	9.6	38	23,000	3600	650	0.038	41	1000	<0.62	<0.13	<0.25	18	56
SSHS-SS-02_8_20	8/20/2018	6-8	29	4400	<0.4U	120	65	0.21J	0.36J	2200	9.2	2.7J	44	51,000	1400	140	0.028J	13	680	2.5	<0.12U	<0.37U	16	45
SSHS-SS-05_8_20	8/20/2018	6-8	24	3800	<0.4U	79	82	0.13J	0.23J	520J	12	1.9J	69	35,000	810	90	0.04	15	520J	3	<0.12U	<0.38U	13	36
SSHS-B1408	7/12/2018	6-8	110	7600	0.9J	9.5	83	0.37J	0.27J	35,000	13	5.9	110	18,000	10,000	410	0.12	35	850	<0.59U	<0.12U	<0.24U	14	120
SSHS-B1409	7/12/2018	6-8	120	6600	<0.4U	9.1	72	0.3J	0.27J	54,000	16	6.2	76	19,000	23,000	400	0.18	94	750	0.89J	<0.12U	<0.24U	13	110
SSHS-B1500	8/21/2018	6-8	7.9	4900	<0.39U	33	79	0.15J	0.17J	140J	8	1.9J	20	39,000	1100	73F2,F1	0.021J	5.8	760	0.92J	<0.12U	<0.37U	15	31
SSHS-B524	9/23/2016	6-8	6.1	4000	<0.36U	3.9	25	0.2J	<0.11U	160,000	5.6	4.6J	13	10,000	7200	410	0.0099J	12	540	<0.4U	<0.17U	<0.5U	7.3	35
SSHS-B555	9/16/2016	6-8	17	7900	<0.4U	5.8	50	0.34J	<0.13U	13,000	9.6	6	21	17,000	3700	410	<0.035U	15	590	0.5J	<0.19U	<0.56U	14	52
SSHS-W6-3	7/27/2018	6.2-6.2	110	10,000=	<0.4U	7.5	100	0.43J	<0.043U	4900	15	8.3	85	23,000=	3000	500=	0.041J	59	840	<0.61U	<0.12U	0.3J	17	100
SSHS-N-E-1	8/6/2018	6.7-6.7	270	9800	2.2	6.9	290	0.41J	<0.041U	2400	23	8	280	24,000	2300	520	0.059	150	850	<0.58U	<0.12U	0.26J	16	130

TABLE 9C
Summary of Analytical Results - Metals Remaining in Soils

Former Sperry Remington Site - North Portion
Elmira, New York

			Metals																			
			Lead	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (III+VI)	Cobalt	Copper	Iron	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Thallium
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			0.39	7.9	0.14	0.39	7.9	0.16	0.015	200	0.2	2	0.99	3.9	200	0.59	0.008	1.6	200	0.35	0.04	0.14
Restricted Residential Criteria			400			16	400	72	4.3		110		270			2000	0.81	310		180	180	
LocCode	Sampled Date	Sample Depth Range																				
SSHS-P2	7/12/2018	7.7-7.7	230	6200	0.37J	5.9	74	0.28J	0.23J	53,000	10	4.6J	42	13,000	6500	320	0.2	25	670	0.86J	<0.12U	<0.23U
SSHS-B64	8/14/2014	6-9	28	4800	<0.23U	8.7	63	0.54	<0.059J	17,000	9.1	<5.5J	36	21,000	2400	130	<0.027J	17	790	1.2	<0.046U	<0.17U
SSHS-B100	8/15/2014	6-10	17	11,000	<0.23U	7.8	110	0.53	<0.094J	4500	13	9.4	22	22,000	3200	580	0.038	19B	1500	<0.43J	<0.047U	<0.17U
SSHS-B101	8/14/2014	8-10	26	2800	<0.36J	26	210	0.61	<0.017U	11,000	11	6.5	47	26,000	2300	87	0.1	16	<610U	2.6	<0.049U	<0.18U
SSHS-B520	9/22/2016	8-10	27	10,000F2	<0.39UJ	9.5J	160J	0.46J	<0.12UJ	7800J-	14J	8.6	23J	24,000F2	3000J	320F2	0.025J	26	880J	<0.44U,F2	<0.18UJ	<0.55U
SSHS-B524	9/23/2016	8-10	5.1	5700	<0.31U	4.8	31	0.22J	<0.1U	29,000	7.6	5.2	18	13,000	6000	310	0.01J	14	500	<0.35U	<0.15U	<0.44U
SSHS-B555	9/16/2016	8-10	7.7	5900	<0.37U	3.8	43	0.28J	<0.12U	39,000	7.4	4.5J	13	12,000	6500	240	<0.03U	11	510J	<0.41U	<0.17U	<0.52U
SSHS-B65	8/14/2014	8-10	28	6400	<0.26U	63	140	<0.22J	<0.018U	6000	14B	<4J	33	42,000	2500	200	<0.032J	35	1200	4	<0.052U	<0.19U
SSHS-CS2	7/12/2018	9.1-9.1	61	5100	0.51J	14	130	0.55	0.41J	20,000	13	9	53	20,000	2700	270	0.59	31	820	2.3	<0.12U	<0.23U
SSHS-CS1	7/12/2018	10.3-10.3	170	7200	0.49J	10	150	0.37J	0.6	41,000	20	7.8	150	30,000	5800	500	0.53	200	770	0.91J	<0.11U	<0.22U
SSHS-B100	8/15/2014	10-13.5	13	13,000	<0.24U	8.2	81	0.57	<0.057J	1100	15	10	15	24,000	3100	450	<0.028J	19B	2200	<0.37J	<0.049U	<0.18U
SSHS-BSW-001	7/12/2018	10-12	650	8900	4.4	28	580	0.32J	1.8	42,000	170	14	330	45,000	5200	720	1.4	2000	930	1.3	<0.13U	<0.26U
SSHS-NSBW	7/12/2018	10-12	14	6000	<0.38U	5.3	56	0.26J	0.15J	36,000	8.4	5.6	28	15,000	6100	310	0.1	37	740	<0.57U	<0.12U	<0.23U
SSHS-P1	7/12/2018	10-12	210	7500	0.79J	10	400	0.37J	1.9	41,000	17	7.6	780	26,000	6300	450	8.8	34	950	1.2	<0.12U	<0.24U
SSHS-B1251	7/1/2018	10-12	15	6900	<0.43U	30	110	0.22J	0.23J	960	18	3.3J	68	51,000	1700	120	0.038U	12	1800	1.3	<0.13U	<0.26U
SSHS-B1252	7/1/2018	10-12	11	8200	<0.39U	17	98	0.29J	0.15J	950	16	5.1J	36	36,000	2100	150	0.04U	15	1300	0.87J	<0.12U	<0.24U
SSHS-B1254	7/1/2018	10-12	23	6500	<0.42U	16	59	0.23J	0.27J	14,000	16	3.9J	80	32,000	2600	150	0.094=	23	660	1.1J	<0.13U	<0.26U
SSHS-B1299	8/4/2018	10-12	290	7000	<0.74U	21	180	0.41J	0.69	21,000	100	20	180	81,000	4400	830	0.069	2000	650	1.4	<0.11U	<0.23U
SSHS-B520	9/22/2016	10-12	10	10,000	<0.37U	10	70	0.53	<0.12U	940	13	14	32	22,000	2700	660	0.031J	27	660	<0.41U	<0.17U	<0.52U
SSHS-B537	9/22/2016	10-12	7.7	4700	0.56J	53	71	0.15J	<0.12U	340J	9.2	2.4J	25	41,000	1300	67	<0.008U	10	1000	1.3	<0.18U	<0.54U
SSHS-B542	9/22/2016	10-12	2100	3500	1.1	61	76	0.13J	<0.12U	1100	13	2.4J	95	51,000	880	83	0.046	24	890	2.6	<0.18U	<0.53U
SSHS-B64	8/14/2014	10-12	12	12,000	<0.24U	9	72	0.55	<0.062J	5200	14	9.8	15	23,000	4000	440	<0.017J	19	1700	<0.56J	<0.049U	<0.18U
SSHS-B65	8/14/2014	10-12	15	6000	<0.22U	51	93	<0.15J	<0.015U	<540U	11B	<3.5J	22	44,000	1700	130	<0.026J	8.8	1400	2.7	<0.044U	<0.16U
SSHS-B67	8/14/2014	10-12	7.2	6400	<0.21U	49	82	<0.22J	<0.015U	990	11B	<3.3J	41	51,000	1600	110	<0.012U	8.7	810	<1J	<0.043U	<0.24J
SSHS-B1254	7/1/2018	12-14	34	6600	<0.42U	28	100	0.3J	0.28J	23,000J	24	4.5J	120J-	39,000J	2600	180	0.069=	32	870	2.3	<0.13U	<0.26U
SSHS-B1303	8/4/2018	12-14	55	6100	<0.41U	9.1	73	0.32J	0.25J	33,000	10	6.4	79	22,000	6600	450	0.019J	26	720	<0.62U	<0.13U	<0.25U
SSHS-B537	9/22/2016	12-14	22	5900	<0.4U	38	80	0.2J	<0.13U	4700	15	3.5J	30	34,000	2300	130	0.69	15	960	1.2	<0.19U	<0.56U
SSHS-B542	9/22/2016	12-14	130	5500	0.62J	57	110	0.25J	<0.13U	9000	17	4.4J	79	47,000	5400	170	0.043	20	1200	1.7	<0.19U	<0.56U
SSHS-B101	8/14/2014	12-15.5	9	6800	<0.2U	5.6	62	<0.35J	<0.11J	22,000	10	6.6	29	14,000	5900	420	<0.013J	17	690	<0.44J	<0.04U	<0.14U

Notes:

mg/kg - milligrams per kilogram

J - estimated value

U - non-detect

Metals concentrations detected above restricted residential criteria

TABLE 9D
Summary of Analytical Results - Other COPC's Remaining in Soils

Former Sperry Remington Site - North Portion
Elmira, New York

			BTEX						Chlorinated Hydrocarbons														
			Benzene	Ethylbenzene	Toluene	Xylene (m & p)	Xylene (o)	Xylene Total	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-Dichloroethene	1,2-dichloropropane	Bromochloromethane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane
EQL			0.00054	0.00052	0.00059	0.0012	0.00063	0.0043	0.00039	0.00058	0.00067	0.00046	0.00068	0.0006	0.00049	0.004	0.00044	0.00055	0.00045	0.00036	0.00036	0.00057	0.0012
Restricted - Residential			4.8	41	100			100	100			26	100		3.1						2.4		
Location	Sampled Date	Sample Depth Range																					
SSHS-B23	5/9/2000	1-4	<0.0065U	<0.0065U	<0.0065U	<0.0065U	<0.0065U	-	<0.0065U	-	-	<0.0065U	<0.0065U	-	<0.0065U	-	-	-	-	-	<0.0065U	-	-
SSHS-B24	5/9/2000	1-4	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U	-	<0.0058U	-	-	<0.0058U	<0.0058U	-	<0.0058U	-	-	-	-	-	<0.0058U	-	-
0S1A 08022018	8/2/2018	2-4	<0.0023U	<0.0025U	<0.0019U	<0.0022U	<0.0028U	<0.005U	<0.0029U	<0.0034U	<0.0028U	<0.0021U	<0.0033U	<0.0035U	<0.0017U	<0.0046U	<0.0028U	<0.0022U	<0.0027U	<0.003U	<0.0038U	<0.0028U	<0.003U
0S1B 08022018	8/2/2018	2-4	<0.0022U	<0.0024U	<0.0019U	<0.0021U	<0.0027U	<0.0047U	<0.0028U	<0.0033U	<0.0027U	<0.002U	<0.0031U	<0.0034U	<0.0016U	<0.0044U	<0.0027U	<0.0021U	<0.0026U	<0.0029U	<0.0037U	<0.0027U	<0.0029U
0S1C 08022018	8/2/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B101	8/14/2014	3-6	<0.00098U	<0.00093U	<0.0011U	<0.0021U	<0.0011U	-	<0.00071U	<0.001U	<0.0012U	<0.00084U	<0.0012U	<0.0011U	<0.00089U	-	<0.00079U	<0.001U	<0.00082U	<0.00064U	<0.00065U	<0.001U	<0.0023U
SSHS-B100	8/15/2014	4-6	<0.00072U	<0.00069U	<0.00078U	<0.0016U	<0.00083U	-	<0.00052U,*	<0.00077U	<0.00089U	<0.00061U	<0.0009U	<0.0008U	<0.00065U	-	<0.00058U	<0.00073U	<0.0006U	<0.00047U	<0.00048U,*	<0.00076U	<0.0017U
SSHS-B955	2/28/2018	4-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B23	5/9/2000	4-8	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	-	<0.006U	-	-	<0.006U	<0.006U	-	<0.006U	-	-	-	-	-	<0.006U	-	-
SSHS-B906	1/24/2018	6-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B965	3/1/2018	6-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B64	8/14/2014	6-9	<0.00055U	<0.00052U	<0.00059U	<0.0012U	<0.00063U	-	<0.0004U	<0.00058U	<0.00068U	<0.00047U	<0.00069U	<0.00061U	<0.0005U	-	<0.00044U	<0.00056U	<0.00046U	<0.00036U	<0.00036U	<0.00058U	<0.0013U
SSHS-B100	8/15/2014	6-10	<0.00064U	<0.0006U	<0.00069U	<0.0014U	<0.00073U	-	<0.00046U,*	<0.00068U	<0.00078U	<0.00054U	<0.0008U	<0.0007U	<0.00058U	-	<0.00051U	<0.00065U	<0.00053U	<0.00042U	<0.00042U,*	<0.00067U	<0.0015U
SSHS-B101	8/14/2014	8-10	<0.0014U	<0.0014U	<0.0015U	<0.0031U	<0.0016U	-	<0.001U	<0.0015U	<0.0017U	<0.0012U	<0.0018U	<0.0016U	<0.0013U	-	<0.0011U	<0.0014U	<0.0012U	<0.00093U	<0.00094U	<0.0015U	<0.0033U
SSHS-B65	8/14/2014	8-10	<0.00066U	<0.00063U	<0.00072U	<0.0014U	<0.00077U	-	<0.00048U	<0.00071U	<0.00082U	<0.00056U	<0.00083U	<0.00074U	<0.0006U	-	<0.00053U	<0.00068U	<0.00055U	<0.00043U	<0.00044U	<0.0007U	<0.0015U
SSHS-B877	1/18/2018	8-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B879	1/19/2018	8-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B882	1/12/2018	8-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B886	1/19/2018	8-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B890	1/23/2018	8-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B23	5/9/2000	8-12	<0.0063U	<0.0063U	<0.0063U	<0.0063U	<0.0063U	-	<0.0063U	-	-	<0.0063U	<0.0063U	-	<0.0063U	-	-	-	-	-	<0.0063U	-	-
SSHS-B64	8/14/2014	10-12	<0.00057U	<0.00054U	<0.00061U	<0.0012U	<0.00066U	-	<0.00041U	<0.00061U	<0.0007U	<0.00048U	<0.00072U	<0.00063U	<0.00052U	-	<0.00046U	<0.00058U	<0.00047U	<0.00037U	<0.00038U	<0.0006U	<0.0013U
SSHS-B65	8/14/2014	10-12	<0.00054U	<0.00052U	<0.00059U	<0.0012U	<0.00063U	-	<0.00039U	<0.00058U	<0.00067U	<0.00046U	<0.00068U	<0.0006U	<0.00049U	-	<0.00044U	<0.00055U	<0.00045U	<0.00036U	<0.00036U	<0.00057U	<0.0012U
SSHS-B67	8/14/2014	10-12	<0.00065U	<0.00062U	<0.0007U	<0.0014U	<0.00075U	-	<0.00047U	<0.00069U	<0.0008U	<0.00055U	<0.00082U	<0.00072U	<0.00059U	-	<0.00052U	<0.00066U	<0.00054U	<0.00043U	<0.00043U	<0.00068U	<0.0015U
SSHS-BSW-001	7/12/2018	10-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-NSBW	7/12/2018	10-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-P1	7/12/2018	10-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-SS-14 8 20	8/20/2018	10-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-SS-16 8 20	8/20/2018	10-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B1009	4/24/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B23	5/9/2000	0-0.25	<0.0059U	<0.0059U	<0.0059U	<0.0059U	<0.0059U	-	<0.0059U	-	-	<0.0059U	<0.0059U	-	<0.0059U	-	-	-	-	-	<0.0059U	-	-
SSHS-B24	5/9/2000	0-0.25	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	-	<0.006U	-	-	<0.006U	<0.006U	-	<0.006U	-	-	-	-	-	<0.006U	-	-
SSHS-B24	7/27/2000	0-0.25	<0.0062U	<0.0062U	<0.0062U	<0.0062U	<0.0062U	-	<0.0062U	-	-	<0.0062U	<0.0062U	-	<0.0062U	-	-	-	-	-	<0.0062U	-	-
SSHS-CS1	7/12/2018	10.3-10.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B100	8/15/2014	10-13.5	<0.00069U	<0.00066U	<0.00075U	<0.0015U	<0.0008U	-	<0.0005U,*	<0.00074U	<0.00085U	<0.00059U	<0.00087U	<0.00077U	<0.00063U	-	<0.00056U	<0.00071U	<0.00058U	<0.00045U	<0.00046U,*	<0.00073U	<0.0016U
SSHS-B101	8/14/2014	12-15.5	<0.00067U	<0.00063U	<0.00072U	<0.0014U	<0.00077U	-	<0.00048U	<0.00071U	<0.00082U	<0.00057U	<0.00084U	<0.00074U	<0.0006U	-	<0.00054U	<0.00068U	<0.00055U	<0.00044U	<0.00044U	<0.0007U	<0.0015U
SSHS-B24	7/11/2000	2-2.5	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	<0.0056U	-	-	<0.0056U	<0.0056U	-	<0.0056U	-	-	-	-	-	<0.0056U	-	-
SSHS-B24	7/27/2000	2-2.5	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.0057U	-	-	<0.0057U	<0.0057U	-	<0.0057U	-	-	-	-	-	<0.0057U	-	-
SSHS-P2	7/12/2018	7.7-7.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-CS2	7/12/2018	9.1-9.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
mg/kg - milligrams per kilogram
J - estimated value
U - non-detect
Concentrations detected above restricted residential criteria

TABLE 9D
Summary of Analytical Results - Other COPC's Remaining in Soils

Former Sperry Remington Site - North Portion
Elmira, New York

			Chlorinated Hydrocarbons									Halogenated Benzenes					Halogenated Hydrocarbons				Herbicides			
			Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dichloromethane	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride	1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	Chlorobenzene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Trichlorofluoromethane	2,4,5-TP (Silvex)	Hedonal	
EQL			0.00047	0.00069	0.00057	0.00055	0.00054	0.00053	0.00055	0.00048	0.00048	0.00038	0.00068	0.00071	0.00064	0.00053	0.00061	0.00069	0.00059	0.00054	0.00074	0.0071	0.028	
Restricted - Residential			49		100		100	21	19	100		0.9			100	49	100							
Location	Sampled Date	Sample Depth Range																						
SSHS-B23	5/9/2000	1-4	0.0017J	-	<0.0065U	-	0.0065J	<0.0065U	0.0088	<0.0065U	-	<0.0065U	-	-	<0.43U	<0.43U	<0.0065U	-	-	-	-	-	-	
SSHS-B24	5/9/2000	1-4	0.0029J	-	<0.0058U	-	0.0026J	<0.0058U	0.075	<0.0058U	-	<0.0058U	-	-	<0.38U	<0.38U	<0.0058U	-	-	-	-	-	-	
0S1A 08022018	8/2/2018	2-4	<0.0024U	<0.0045U	<0.0018U	<0.0018U	<0.0027U	0.0033J	<0.0023U	<0.0029U	<0.002U	<0.0042U	<0.0024U	<0.0019U	<0.0046U	<0.0018U	<0.0018U	<0.0032U	<0.0052U	<0.0034UJ	<0.0017U	-	-	
0S1B 08022018	8/2/2018	2-4	<0.0023U	<0.0042U	<0.0017U	<0.0018U	<0.0026U	0.0025J	<0.0022U	<0.0028U	<0.0019U	<0.004U	<0.0023U	<0.0018U	<0.0044U	<0.0018U	<0.0017U	<0.003U	<0.005U	<0.0032UJ	<0.0016U	-	-	
0S1C 08022018	8/2/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SSHS-B101	8/14/2014	3-6	<0.00085U	<0.0012U	<0.001U	<0.00099U	<0.00098U	<0.0034J	<0.00099U	<0.00087U	<0.00087U	<0.00068U	<0.0012U	<0.0013U	<0.0012U	<0.00095U	<0.0011U	<0.0013U	<0.0011U	<0.00097U	<0.0013U	-	-	
SSHS-B100	8/15/2014	4-6	<0.0014J	<0.00091U	<0.00075U	<0.00072U	<0.00072U	<0.0007U	<0.00073U	<0.00064U,*	<0.00064U	<0.0005U	<0.0009U	<0.00094U	<0.00085U	<0.0007U	<0.00081U	<0.00092U	<0.00079U	<0.00071U	<0.00098U	-	-	
SSHS-B955	2/28/2018	4-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SSHS-B23	5/9/2000	4-8	0.0013J	-	<0.006U	-	0.0014J	<0.006U	0.036	<0.006U	-	<0.006U	-	-	<0.4U	<0.4U	<0.006U	-	-	-	-	-	-	
SSHS-B906	1/24/2018	6-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SSHS-B965	3/1/2018	6-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SSHS-B64	8/14/2014	6-9	<0.00048U	<0.00069U	<0.00057U	<0.00055U	<0.00055U	<0.00053U	<0.00055U	<0.00048U	<0.00049U	<0.00038U	<0.00069U	<0.00072U	<0.00065U	<0.00053U	<0.00062U	<0.0007U	<0.0006U	<0.00054U	<0.00075U	-	-	
SSHS-B100	8/15/2014	6-10	<0.00055U	<0.0008U	<0.00066U	<0.00064U	<0.00063U	<0.00062U	<0.00064U	<0.00056U,*	<0.00056U	<0.00044U	<0.00079U	<0.00083U	<0.00075U	<0.00062U	<0.00071U	<0.00081U	<0.0007U	<0.00063U	<0.00086U	-	-	
SSHS-B101	8/14/2014	8-10	<0.0012U	<0.0018U	<0.0015U	<0.0014U	<0.0014U	<0.0087J	<0.0014U	<0.0013U	<0.0013U	<0.00099U	<0.0018U	<0.0019U	<0.0017U	<0.0014U	<0.0016U	<0.0018U	<0.0016U	<0.0014U	<0.0019U	-	-	
SSHS-B65	8/14/2014	8-10	<0.00057U	<0.00084U	<0.00069U	<0.00067U	<0.00066U	<0.00065U	<0.00067U	<0.00059U	<0.00059U	<0.00046U	<0.00083U	<0.00087U	<0.00078U	<0.00064U	<0.00074U	<0.00085U	<0.00073U	<0.00065U	<0.0009U	-	-	
SSHS-B877	1/18/2018	8-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SSHS-B879	1/19/2018	8-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SSHS-B882	1/12/2018	8-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SSHS-B886	1/19/2018	8-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SSHS-B890	1/23/2018	8-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SSHS-B23	5/9/2000	8-12	0.0014J	-	<0.0063U	-	<0.0063U	<0.0063U	<0.0063U	<0.0063U	-	<0.0063U	-	-	<0.41U	<0.41U	<0.0063U	-	-	-	-	-	-	
SSHS-B64	8/14/2014	10-12	<0.00049U	<0.00072U	<0.00059U	<0.00057U	<0.00057U	<0.00055U	<0.00057U	<0.0005U	<0.0005U	<0.0004U	<0.00071U	<0.00074U	<0.00067U	<0.00055U	<0.00064U	<0.00073U	<0.00062U	<0.00056U	<0.00077U	-	-	
SSHS-B65	8/14/2014	10-12	<0.00047U	<0.00069U	<0.00057U	<0.00055U	<0.00054U	<0.00053U	<0.00055U	<0.00048U	<0.00048U	<0.00038U	<0.00068U	<0.00071U	<0.00064U	<0.00053U	<0.00061U	<0.00069U	<0.00059U	<0.00054U	<0.00074U	-	-	
SSHS-B67	8/14/2014	10-12	<0.00056U	<0.00082U	<0.00068U	<0.00065U	<0.00065U	<0.00063U	<0.00066U	<0.00057U	<0.00058U	<0.00045U	<0.00081U	<0.00085U	<0.00077U	<0.00063U	<0.00073U	<0.00083U	<0.00071U	<0.00064U	<0.00089U	-	-	
SSHS-BSW-001	7/12/2018	10-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SSHS-NSBW	7/12/2018	10-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SSHS-P1	7/12/2018	10-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SSHS-SS-14 8_20	8/20/2018	10-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SSHS-SS-16 8_20	8/20/2018	10-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SSHS-B1009	4/24/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SSHS-B23	5/9/2000	0-0.25	0.0014J	-	<0.0059U	-	<0.0059U	<0.0059U	0.015	<0.0059U	-	<0.0059U	-	-	<0.39U	<0.39U	<0.0059U	-	-	-	-	-	-	
SSHS-B24	5/9/2000	0-0.25	0.0014J	-	<0.006U	-	<0.006U	<0.006U	0.055	<0.006U	-	<0.006U	-	-	<0.39U	<0.39U	<0.006U	-	-	-	-	-	-	
SSHS-B24	7/27/2000	0-0.25	<0.0062U	-	<0.0062U	-	<0.0062U	<0.0062U	<0.0062U	<0.0062U	-	<0.0062U	-	-	-	-	<0.0062U	-	-	-	-	-	-	
SSHS-CS1	7/12/2018	10.3-10.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SSHS-B100	8/15/2014	10-13.5	<0.0006U	<0.00087U	<0.00072U	<0.00069U	<0.00069U	<0.00067U	<0.0007U	<0.00061U,*	<0.00061U	<0.00048U	<0.00087U	<0.0009U	<0.00082U	<0.00067U	<0.00078U	<0.00088U	<0.00076U	<0.00068U	<0.00094U	-	-	
SSHS-B101	8/14/2014	12-15.5	<0.00058U	<0.00084U	<0.00069U	<0.00067U	<0.00066U	<0.00065U	<0.00067U	<0.00059U	<0.00059U	<0.00046U	<0.00083U	<0.00087U	<0.00079U	<0.00065U	<0.00075U	<0.00085U	<0.00073U	<0.00066U	<0.00091U	-	-	
SSHS-B24	7/11/2000	2-2.5	<0.0056U	-	<0.0056U	-	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	<0.0056U	-	-	<0.37U	<0.37U	<0.0056U	-	-	-	-	-	-	
SSHS-B24	7/27/2000	2-2.5	<0.0057U	-	<0.0057U	-	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.0057U	-	-	<0.38U	<0.38U	<0.0057U	-	-	-	-	-	-	
SSHS-P2	7/12/2018	7.7-7.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SSHS-CS2	7/12/2018	9.1-9.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Notes:
mg/kg - milligrams per kilogram
J - estimated value
U - non-detect
Concentrations detected above restricted residential criteria

TABLE 9D
Summary of Analytical Results - Other COPC's Remaining in Soils

Former Sperry Remington Site - North Portion
Elmira, New York

			Inorganics					MAH		Organochlorine Pesticides														
			Ignitability	Cyanide Total	pH (Lab)	Sodium	Sulphide	Isopropylbenzene	Styrene	4,4-DDE	a-BHC	Aldrin	b-BHC	chlordane	Chlordane (cis)	Chlordane (trans)	d-BHC	DDD	DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin
EQL			°F	mg/kg	pH Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Restricted - Residential			27							8.9	0.48	0.097	0.36		4.2		100	13	7.9	0.2	24	24	24	11
Location	Sampled Date	Sample Depth Range																						
SSHS-B23	5/9/2000	1-4	-	<1.3U	-	-	-	-	-	<0.0022U	<0.0022U	<0.0022U	<0.0022U	-	-	-	<0.0022U	<0.0022U	<0.0043U	<0.0022U	<0.0022U	<0.0043N*	<0.0043U	<0.0022U
SSHS-B24	5/9/2000	1-4	-	<1.16U	-	-	-	-	-	<0.002U	<0.002U	<0.002U	<0.002U	-	-	-	<0.002U	<0.002U	<0.0038U	<0.002U	<0.002U	<0.0038U	<0.0038U	<0.002U
OS1A 08022018	8/2/2018	2-4	-	-	-	220J	-	<0.0027U	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OS1B 08022018	8/2/2018	2-4	-	-	-	600	-	<0.0026U	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OS1C 08022018	8/2/2018	2-4	-	-	-	530J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B101	8/14/2014	3-6	-	<0.38J	-	-	-	<0.00099U	<0.001U	<0.00031U	<0.00033U	<0.00036U	<0.00053U	-	<0.0004U	<0.0004U	<0.00031U	<0.00027U	<0.0003U	<0.00034U	<0.00038U	<0.00036U	<0.00021U	<0.00039U
SSHS-B100	8/15/2014	4-6	-	1.9	-	-	-	<0.00072U	<0.00075U	<0.0003U	<0.00032U	<0.00035U	<0.00051U	-	<0.00039U	<0.00039U	<0.0003U	<0.00026U	<0.00029U	<0.00033U	<0.00037U	<0.00035U	<0.00021U	<0.00038U
SSHS-B955	2/28/2018	4-6	>140	<0.26U	8.6HF	-	<11U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B23	5/9/2000	4-8	-	1.35	-	-	-	-	-	<0.002U	<0.002U	<0.002U	<0.002U	-	-	-	<0.002U	<0.002U	<0.004U	<0.002U	<0.002U	<0.004U	<0.004U	<0.002U
SSHS-B906	1/24/2018	6-8	>140	0.51	10.3HF	-	<11U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B965	3/1/2018	6-8	>140	0.78	9.6HF	-	<12U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B64	8/14/2014	6-9	-	<0.28J	-	-	-	<0.00055U	<0.00057U	<0.00029U	<0.00032U	<0.00035U	<0.00051U	-	<0.00039U	<0.002U	<0.002U	<0.00026U	<0.00029U	<0.00032U	<0.00037U	<0.00034U	<0.0002U	<0.002U
SSHS-B100	8/15/2014	6-10	-	<0.17U	-	-	-	<0.00064U	<0.00066U	<0.0003U	<0.00032U	<0.00036U	<0.00052U	-	<0.0004U	<0.00039U	<0.0003U	<0.00026U	<0.0003U	<0.00033U	<0.00037U	<0.00035U	<0.00021U	<0.00039U
SSHS-B101	8/14/2014	8-10	-	<0.62U	-	-	-	<0.0014U	<0.0015U	<0.00031U	<0.00033U	<0.00037U	<0.00053U	-	<0.00041U	<0.0081U	<0.0032U	<0.0021U	<0.0021U	<0.00034U	<0.00063J	<0.00036U	<0.0021U	<0.0021U
SSHS-B65	8/14/2014	8-10	-	1	-	-	-	<0.00067U	<0.00069U	<0.00032U	<0.00034U	<0.0021U	<0.0021U	-	<0.00042U	<0.012U	<0.00032U	<0.0021U	<0.0056U	<0.0016J	0.0027	<0.00037U	<0.0021U	<0.017U
SSHS-B877	1/18/2018	8-10	>140	0.6	8.1HF	-	<12U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B879	1/19/2018	8-10	>140	<0.28U	7.8HF	-	<12U,F1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B882	1/12/2018	8-10	>140	<0.32U	8.8HF	-	<12U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B886	1/19/2018	8-10	>140	<0.28U	6.9HF	-	<11U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B890	1/23/2018	8-10	>140	0.85	10.7HF	-	<11U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B23	5/9/2000	8-12	-	<1.25U	-	-	-	-	-	<0.0021U	<0.0021U	<0.0021U	<0.0021U	-	-	-	<0.0021U	<0.0021U	<0.0041U	<0.0021U	<0.0021U	<0.0041U	<0.0041U	<0.0021U
SSHS-B64	8/14/2014	10-12	-	<0.17U	-	-	-	<0.00057U	<0.00059U	<0.00029U	<0.00032U	<0.00035U	<0.0005U	-	<0.00038U	<0.00038U	<0.0003U	<0.00025U	<0.00029U	<0.00032U	<0.00036U	<0.00034U	<0.0002U	<0.00038U
SSHS-B65	8/14/2014	10-12	-	<0.17J	-	-	-	<0.00055U	<0.00057U	<0.00027U	<0.00029U	<0.00032U	<0.00047U	-	<0.00036U	<0.00036U	<0.00028U	<0.00024J	<0.00027U	<0.0003U	<0.00034U	<0.00032U	<0.00019U	<0.00035U
SSHS-B67	8/14/2014	10-12	-	<0.16U	-	-	-	<0.00065U	<0.00068U	<0.00027U	<0.00029U	<0.00032U	<0.00046U	-	<0.00035U	<0.0018U	<0.0018U	<0.00023U	<0.00027U	<0.0003U	<0.00033U	<0.00031U	<0.00019U	<0.00035U
SSHS-BSW-001	7/12/2018	10-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-NSBW	7/12/2018	10-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-P1	7/12/2018	10-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-SS-14_8_20	8/20/2018	10-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-SS-16_8_20	8/20/2018	10-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B1009	4/24/2018	12-14	>140	<0.3U	8.3HF	-	27J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B23	5/9/2000	0-0.25	-	<1.17U	-	-	-	-	-	<0.002U	<0.002U	<0.002U	<0.002U	-	-	-	<0.002U	<0.002U	<0.0039U	<0.002U	<0.002U	<0.0039U	<0.0039U	<0.002U
SSHS-B24	5/9/2000	0-0.25	-	<1.19U	-	-	-	-	-	<0.01U	<0.01U	<0.01U	<0.01U	-	-	-	<0.01U	<0.01U	<0.02U	<0.01U	<0.01U	<0.02U	<0.02U	<0.01U
SSHS-B24	7/27/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-CS1	7/12/2018	10.3-10.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B100	8/15/2014	10-13.5	-	<0.17U	-	-	-	<0.0007U	<0.00072U	<0.0003U	<0.00033U	<0.00036U	<0.00052U	-	<0.0004U	<0.0004U	<0.00031U	<0.00026U	<0.0003U	<0.00033U	<0.00038U	<0.00035U	<0.00021U	<0.00039U
SSHS-B101	8/14/2014	12-15.5	-	<0.57U	-	-	-	<0.00067U	<0.0007U	<0.00029U	<0.00031U	<0.00034U	<0.0005U	-	<0.00038U	<0.00038U	<0.00029U	<0.00025U	<0.00029U	<0.00032U	<0.00036U	<0.00034U	<0.0002U	<0.00037U
SSHS-B24	7/11/2000	2-2.5	-	-	-	-	-	-	-	<0.0019U	<0.0019U	<0.0019U	<0.0019U	-	-	-	<0.0019U	<0.0019U	<0.0037U	<0.0019U	<0.0019U	<0.0037U	<0.0037U	<0.0019U
SSHS-B24	7/27/2000	2-2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-P2	7/12/2018	7.7-7.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-CS2	7/12/2018	9.1-9.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
mg/kg - milligrams per kilogram
J - estimated value
U - non-detect
Concentrations detected above restricted residential criteria

TABLE 9D
Summary of Analytical Results - Other COPC's Remaining in Soils

Former Sperry Remington Site - North Portion
Elmira, New York

			Organochlorine Pesticides							PAH/Phenols	Solvents							SVOCs					
			Endrin aldehyde	Endrin ketone	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene	PAHs (Sum of total)	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Acetone	Carbon disulfide	Cyclohexane	Methyl-tert-butyl ether	1,1-Biphenyl	1,2,4,5-tetrachlorobenzene	1,4-dichlorobenzene	1,4-Dioxane	2,3,4,6-tetrachlorophenol	2,4,5-trichlorophenol
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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			0.00035	0.00028	0.00031	0.0004	0.00035	0.00037	0.011		0.00071	0.00056	0.00052	0.0032	0.00041	0.0003	0.0006	0.0016	0.0014	0.00051	0.0021	0.0012	0.0019
Restricted - Residential					1.3	2.1					100			100			100			13	13		
Location	Sampled Date	Sample Depth Range	-	-	-	<0.0022U	-	-	-	0.045	<0.013U	-	-	<0.026U	-	-	-	-	-	<0.43U	-	-	-
SSHS-B23	5/9/2000	1-4	-	-	-	<0.002U	-	-	-	0.181	<0.012U	-	-	<0.023U	-	-	-	-	-	<0.38U	-	-	-
OS1A 08022018	8/2/2018	2-4	-	-	-	-	-	-	-	-	<0.0033U	<0.0048U	<0.0021U	0.014J	<0.0035U	<0.0014U	<0.0043U	-	-	<0.0012U	<0.042U	-	-
OS1B 08022018	8/2/2018	2-4	-	-	-	-	-	-	-	-	<0.0032U	<0.0046U	<0.002U	0.078J	<0.0033U	<0.0013U	<0.0041U	-	-	<0.0011U	<0.04U	-	-
OS1C 08022018	8/2/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B101	8/14/2014	3-6	<0.00039U	<0.00032U	<0.00036U	<0.0011J	<0.0004U	<0.00042U	<0.014U	2.004	<0.0013U	<0.001U	<0.00095U	<0.0073U	<0.00074U	<0.00054U	<0.0011U	<0.045J	<0.031U	<0.00093U	<0.047U	<0.026U	<0.043U
SSHS-B100	8/15/2014	4-6	<0.00038U	<0.00031U	<0.00035U	<0.00044U	<0.00038U	<0.0039U	<0.013U	<0	<0.00094U	<0.00074U	<0.0007U	0.021	<0.0014J	0.0089	<0.0008U	<0.035U	<0.03U	<0.00068U	<0.045U	<0.025U	<0.042U
SSHS-B955	2/28/2018	4-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B23	5/9/2000	4-8	-	-	-	<0.002U	-	-	-	2.268	0.0098J	-	-	0.075	-	-	-	-	-	<0.4U	-	-	-
SSHS-B906	1/24/2018	6-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B965	3/1/2018	6-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B64	8/14/2014	6-9	<0.00038U	<0.0003U	<0.00034U	<0.00043U	<0.002U	<0.00041U	<0.013U	0.3	<0.00072U	<0.00056U	<0.00053U	<0.0041U	<0.00042U	<0.0003U	<0.00061U	<0.035U	<0.029U	<0.00052U	<0.044U	<0.025U	<0.041U
SSHS-B100	8/15/2014	6-10	<0.00039U	<0.00031U	<0.00035U	<0.00044U	<0.00039U	<0.00042U	<0.013U	<0	<0.00083U	<0.00065U	<0.00061U	<0.0047U	<0.00048U	<0.00035U	<0.0007U	<0.036U	<0.031U	<0.0006U	<0.047U	<0.026U	<0.043U
SSHS-B101	8/14/2014	8-10	<0.0004U	<0.00032U	<0.00036U	<0.0021U	<0.0097U	<0.00043U	<0.014U	1.005	<0.0019U	<0.0015U	<0.0014U	<0.011U	<0.0011U	<0.00078U	<0.0016U	<0.037U	<0.031U	<0.0013U	<0.047U	<0.026U	<0.044U
SSHS-B65	8/14/2014	8-10	0.0023	<0.0021U	<0.00037U	<0.004U	<0.025U	<0.0021U	<0.014U	0.417	<0.00087U	<0.00068U	<0.00064U	<0.0049U	<0.0005U	<0.00036U	<0.00073U	<0.038U	<0.032U	<0.00063U	<0.048U	<0.027U	<0.045U
SSHS-B877	1/18/2018	8-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B879	1/19/2018	8-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B882	1/12/2018	8-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B886	1/19/2018	8-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B890	1/23/2018	8-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B23	5/9/2000	8-12	-	-	-	<0.0021U	-	-	-	<0	0.0061J	-	-	<0.03U	-	-	-	-	-	<0.41U	-	-	-
SSHS-B64	8/14/2014	10-12	<0.00038U	<0.0003U	<0.00034U	<0.00043U	<0.00038U	<0.0004U	<0.013U	<0	<0.00074U	<0.00058U	<0.00055U	<0.0042U	<0.00043U	<0.00031U	<0.00063U	<0.035U	<0.029U	<0.00054U	<0.044U	<0.025U	<0.041U
SSHS-B65	8/14/2014	10-12	<0.00035U	<0.00028U	<0.00032U	<0.0004U	<0.00035U	<0.00038U	<0.012U	<0	<0.00071U	<0.00056U	<0.00052U	<0.004U	<0.00041U	<0.0003U	<0.0006U	<0.033U	<0.028U	<0.00051U	<0.042U	<0.024U	<0.039U
SSHS-B67	8/14/2014	10-12	<0.00035U	<0.00028U	<0.00031U	<0.0004U	<0.0018U	<0.00037U	<0.012U	<0	<0.00085U	<0.00067U	<0.00063U	<0.0053J	<0.00049U	<0.00036U	<0.00072U	<0.032U	<0.027U	<0.00061U	<0.041U	<0.023U	<0.038U
SSHS-BSW-001	7/12/2018	10-12	-	-	-	-	-	-	-	4.326	-	-	-	-	-	-	-	<0.084U	<0.086U	-	<0.62U	<0.83U	<0.14U
SSHS-NSBW	7/12/2018	10-12	-	-	-	-	-	-	-	0.1375	-	-	-	-	-	-	-	<0.015U	<0.015U	-	<0.11U	<0.15U	<0.025U
SSHS-P1	7/12/2018	10-12	-	-	-	-	-	-	-	3.75	-	-	-	-	-	-	-	<0.16U	<0.16U	-	<1.2U	<1.6U	<0.27U
SSHS-SS-14 8_20	8/20/2018	10-12	-	-	-	-	-	-	-	<0.267	-	-	-	-	-	-	-	<0.016U	<0.017U	-	<0.12U	<0.16U	<0.028U
SSHS-SS-16 8_20	8/20/2018	10-12	-	-	-	-	-	-	-	0.154	-	-	-	-	-	-	-	<0.018U	<0.018U	-	<0.13U	<0.18U	<0.03U
SSHS-B1009	4/24/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B23	5/9/2000	0-0.25	-	-	-	<0.002U	-	-	-	5.323	<0.012U	-	-	<0.023U	-	-	-	-	-	<0.39U	-	-	-
SSHS-B24	5/9/2000	0-0.25	-	-	-	<0.01U	-	-	-	0.837	<0.012U	-	-	<0.024U	-	-	-	-	-	<0.39U	-	-	-
SSHS-B24	7/27/2000	0-0.25	-	-	-	-	-	-	-	-	<0.012U	-	-	<0.025U	-	-	-	-	-	-	-	-	-
SSHS-CS1	7/12/2018	10.3-10.3	-	-	-	-	-	-	-	6.045	-	-	-	-	-	-	-	0.025J	<0.015U	-	<0.11U	<0.15U	<0.025U
SSHS-B100	8/15/2014	10-13.5	<0.00039U	<0.00031U	<0.00035U	<0.00045U	<0.00039U	<0.00042U	<0.013U	<0	<0.0009U	<0.00071U	<0.00067U	<0.0054J	<0.00052U	<0.00038U	<0.00077U	<0.036U	<0.031U	<0.00065U	<0.046U	<0.026U	<0.043U
SSHS-B101	8/14/2014	12-15.5	<0.00037U	<0.0003U	<0.00034U	<0.00064J	<0.00037U	<0.0004U	<0.013U	<0	<0.00087U	<0.00068U	<0.00064U	<0.0049U	<0.0005U	<0.00037U	<0.00074U	<0.034U	<0.029U	<0.00063U	<0.044U	<0.025U	<0.041U
SSHS-B24	7/11/2000	2-2.5	-	-	-	<0.0019U	-	-	-	0.662	<0.011U	-	-	<0.023U	-	-	-	-	-	<0.37U	-	-	-
SSHS-B24	7/27/2000	2-2.5	-	-	-	-	-	-	-	0.397	<0.011U	-	-	<0.023U	-	-	-	-	-	<0.38U	-	-	-
SSHS-P2	7/12/2018	7.7-7.7	-	-	-	-	-	-	-	3.527	-	-	-	-	-	-	-	<0.044U	<0.046U	-	<0.33U	<0.44UJ	<0.076U
SSHS-CS2	7/12/2018	9.1-9.1	-	-	-	-	-	-	-	19.47	-	-	-	-	-	-	-	<0.074U	<0.076U	-	<0.55U	<0.74U	<0.13U

Notes:
mg/kg - milligrams per kilogram
J - estimated value
U - non-detect
Concentrations detected above restricted residential criteria

TABLE 9D
Summary of Analytical Results - Other COPC's Remaining in Soils

Former Sperry Remington Site - North Portion
Elmira, New York

			SVOCs																				
			2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,4-dinitrophenol	2,4-Dinitrotoluene	2,6-dinitrotoluene	2-chloronaphthalene	2-chlorophenol	2-methylnaphthalene	2-methylphenol	2-nitroaniline	2-nitrophenol	3,3-Dichlorobenzidine	3-nitroaniline	4,6-Dinitro-2-methylphenol	4-bromophenyl phenyl ether	4-chloro-3-methylphenol	4-chloroaniline	4-chlorophenyl phenyl ether	4-methylphenol	4-nitroaniline
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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			0.0027	0.00036	0.0028	0.021	0.0015	0.0019	0.00038	0.0015	0.00034	0.0013	0.0081	0.002	0.0019	0.0074	0.0072	0.0016	0.0017	0.0014	0.002	0.0018	0.0073
Restricted - Residential											100											100	
Location	Sampled Date	Sample Depth Range																					
SSHS-B23	5/9/2000	1-4	-	-	-	-	-	-	-	-	-	<0.43U	-	-	-	-	-	-	-	-	-	<0.43U	-
SSHS-B24	5/9/2000	1-4	-	-	-	-	-	-	-	-	-	<0.38U	-	-	-	-	-	-	-	-	-	<0.38U	-
0S1A 08022018	8/2/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0S1B 08022018	8/2/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0S1C 08022018	8/2/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B101	8/14/2014	3-6	<0.061U	<0.0082U	<0.064U	<0.48U	<0.033U	<0.042U	<0.0085U	<0.033U	0.37	<0.028U	<0.18U	<0.045U	<0.043U	<0.17U	<0.16U	<0.035U	<0.037U	<0.033U	<0.045U	<0.04U	<0.16U
SSHS-B100	8/15/2014	4-6	<0.059U	<0.0079U	<0.062U	<0.47U	<0.032U	<0.041U	<0.0082U	<0.032U	<0.048J	<0.028U	<0.18U	<0.044U	<0.042U	<0.16U	<0.16U	<0.034U	<0.036U	<0.032U	<0.044U	<0.039U	<0.16U
SSHS-B955	2/28/2018	4-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B23	5/9/2000	4-8	-	-	-	-	-	-	-	-	-	<0.4U	-	-	-	-	-	-	-	-	-	<0.4U	-
SSHS-B906	1/24/2018	6-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B965	3/1/2018	6-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B64	8/14/2014	6-9	<0.058U	<0.0078U	<0.061U	<0.46U	<0.031U	<0.04U	<0.0081U	<0.032U	0.078	<0.027U	<0.17U	<0.043U	<0.041U	<0.16U	<0.16U	<0.034U	<0.036U	<0.031U	<0.043U	<0.038U	<0.16U
SSHS-B100	8/15/2014	6-10	<0.061U	<0.0082U	<0.064U	<0.48U	<0.033U	<0.042U	<0.0085U	<0.033U	<0.0073U	<0.028U	<0.18U	<0.045U	<0.043U	<0.17U	<0.16U	<0.035U	<0.037U	<0.033U	<0.045U	<0.04U	<0.16U
SSHS-B101	8/14/2014	8-10	<0.062U	<0.0083U	<0.064U	<0.49U	<0.033U	<0.042U	<0.0086U	<0.034U	0.25	<0.029U	<0.18U	<0.045U	<0.044U	<0.17U	<0.17U	<0.036U	<0.038U	<0.033U	<0.046U	<0.04U	<0.17U
SSHS-B65	8/14/2014	8-10	<0.063U	<0.0085U	<0.066U	<0.5U	<0.034U	<0.044U	<0.0088U	<0.035U	<0.056J	<0.03U	<0.19U	<0.047U	<0.045U	<0.17U	<0.17U	<0.037U	<0.039U	<0.034U	<0.047U	<0.041U	<0.17U
SSHS-B877	1/18/2018	8-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B879	1/19/2018	8-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B882	1/12/2018	8-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B886	1/19/2018	8-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B890	1/23/2018	8-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B23	5/9/2000	8-12	-	-	-	-	-	-	-	-	-	<0.41U	-	-	-	-	-	-	-	-	-	<0.41U	-
SSHS-B64	8/14/2014	10-12	<0.058U	<0.0078U	<0.061U	<0.46U	<0.031U	<0.04U	<0.0081U	<0.032U	<0.007U	<0.027U	<0.17U	<0.043U	<0.041U	<0.16U	<0.16U	<0.034U	<0.036U	<0.031U	<0.043U	<0.038U	<0.16U
SSHS-B65	8/14/2014	10-12	<0.055U	<0.0074U	<0.058U	<0.44U	<0.03U	<0.038U	<0.0077U	<0.03U	<0.0067U	<0.026U	<0.17U	<0.041U	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.03U	<0.041U	<0.036U	<0.15U
SSHS-B67	8/14/2014	10-12	<0.054U	<0.0072U	<0.056U	<0.43U	<0.029U	<0.037U	<0.0075U	<0.029U	<0.0065U	<0.025U	<0.16U	<0.04U	<0.038U	<0.15U	<0.14U	<0.031U	<0.033U	<0.029U	<0.04U	<0.035U	<0.15U
SSHS-BSW-001	7/12/2018	10-12	<0.11U	<0.15U	<0.12U	<5.4U	<0.099U	<0.12U	<0.091U	<0.093U	<0.096U	<0.57U	<0.91U	<0.11U	<1.9U	<0.51U	<3.4U	<0.14U	<0.094U	<0.066U	<0.12U	<0.59U	<0.097U
SSHS-NSBW	7/12/2018	10-12	<0.019U	<0.027U	<0.022U	<0.94U	<0.017U	<0.022U	<0.016U	<0.016U	<0.017U	<0.1U	<0.16U	<0.02U	<0.33U	<0.089U	<0.6U	<0.024U	<0.017U	<0.012U	<0.021U	<0.1U	<0.017U
SSHS-P1	7/12/2018	10-12	<0.2U	<0.29U	<0.23U	<10U	<0.19U	<0.23U	<0.17U	<0.17U	0.45J	<1.1U	<1.7U	<0.21U	<3.5U	<0.95U	<6.4U	<0.26U	<0.18U	<0.12U	<0.23U	<1.1U	<0.18U
SSHS-SS-14 8 20	8/20/2018	10-12	<0.021U	<0.03U	<0.024U	<1.1U	<0.019U	<0.024U	<0.018U	<0.018U	<0.019U	<0.11U	<0.18U	<0.022U	<0.36U	<0.099U	<0.67U	<0.027U	<0.018U	<0.013U	<0.024U	<0.11U	<0.019U
SSHS-SS-16 8 20	8/20/2018	10-12	<0.023U	<0.033U	<0.026U	<1.1U	<0.021U	<0.026U	<0.019U	<0.02U	<0.02U	<0.12U	<0.19U	<0.024U	<0.39U	<0.11U	<0.73U	<0.03U	<0.02U	<0.014U	<0.026U	<0.12U	<0.021U
SSHS-B1009	4/24/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B23	5/9/2000	0-0.25	-	-	-	-	-	-	-	-	-	<0.39U	-	-	-	-	-	-	-	-	-	<0.39U	-
SSHS-B24	5/9/2000	0-0.25	-	-	-	-	-	-	-	-	-	<0.39U	-	-	-	-	-	-	-	-	-	<0.39U	-
SSHS-B24	7/27/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-CS1	7/12/2018	10.3-10.3	<0.019U	<0.027U	<0.022U	<0.94U	<0.017U	<0.022U	<0.016U	<0.016U	0.077	<0.1U	<0.16U	<0.02U	<0.33U	<0.089U	<0.6U	<0.024U	<0.016U	<0.012U	<0.021U	<0.1U	<0.017U
SSHS-B100	8/15/2014	10-13.5	<0.061U	<0.0081U	<0.063U	<0.48U	<0.033U	<0.042U	<0.0084U	<0.033U	<0.0073U	<0.028U	<0.18U	<0.045U	<0.043U	<0.17U	<0.16U	<0.035U	<0.037U	<0.032U	<0.045U	<0.04U	<0.16U
SSHS-B101	8/14/2014	12-15.5	<0.057U	<0.0077U	<0.06U	<0.46U	<0.031U	<0.039U	<0.008U	<0.031U	<0.0069U	<0.027U	<0.17U	<0.042U	<0.04U	<0.16U	<0.15U	<0.033U	<0.035U	<0.031U	<0.042U	<0.037U	<0.15U
SSHS-B24	7/11/2000	2-2.5	-	-	-	-	-	-	-	-	-	<0.37U	-	-	-	-	-	-	-	-	-	<0.37U	-
SSHS-B24	7/27/2000	2-2.5	-	-	-	-	-	-	-	-	-	<0.38U	-	-	-	-	-	-	-	-	-	<0.38U	-
SSHS-P2	7/12/2018	7.7-7.7	<0.058U	<0.082U	<0.066U	-	<0.053U	<0.065U	<0.049U	<0.049U	<0.051U	<0.3U	<0.48U	<0.061U	<0.99U	<0.27U	<1.8U	<0.074U	<0.05U	<0.035UJ	<0.064U	<0.31U	<0.051U
SSHS-CS2	7/12/2018	9.1-9.1	<0.097U	<0.14U	<0.11U	<4.8U	<0.088U	<0.11U	<0.081U	<0.082U	0.2J	<0.51U	<0.81U	<0.1U	<1.6U	<0.45U	<3U	<0.12U	<0.083U	<0.059U	<0.11U	<0.52U	<0.086U

Notes:
mg/kg - milligrams per kilogram
J - estimated value
U - non-detect
Concentrations detected above restricted residential criteria

TABLE 9D
Summary of Analytical Results - Other COPC's Remaining in Soils

Former Sperry Remington Site - North Portion
Elmira, New York

			SVOCs																				
			4-nitrophenol	Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Atrazine	Benz(a)anthracene	Benzaldehyde	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-chloroethoxy) methane	Bis(2-chloroethyl)ether	Bis(2-chloroisopropyl) ether	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	Caprolactam	Carbazole	Chrysene	Dibenz(a,h)anthracene
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			0.0066	0.00035	0.00041	0.0015	0.00036	0.0018	0.00046	0.0027	0.00037	0.00057	0.00036	0.00073	0.0012	0.00048	0.00039	0.003	0.0025	0.014	0.00034	0.00044	0.0004
Restricted - Residential				100	100		100		1		1	1	100	3.9								3.9	0.33
Location	Sampled Date	Sample Depth Range																					
SSHS-B23	5/9/2000	1-4	-	<0.43U	<0.43U	-	<0.43U	-	<0.43U	-	<0.43U	<0.43U	<0.43U	<0.43U	-	-	-	-	-	-	-	<0.43U	<0.43U
SSHS-B24	5/9/2000	1-4	-	<0.38U	<0.38U	-	<0.38U	-	<0.38U	-	<0.38U	<0.38U	<0.38U	<0.38U	-	-	-	-	-	-	-	0.058J	<0.38U
0S1A 08022018	8/2/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0S1B 08022018	8/2/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0S1C 08022018	8/2/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B101	8/14/2014	3-6	<0.15U	<0.0078U	<0.0093U	<0.094J	<0.033J	<0.04U	0.11	<0.14J	0.084	0.15	0.14	<0.037J	<0.027U	<0.011U	<0.0088U	<0.066U	<0.056U	<0.31U	<0.0075U	0.31	<0.041J
SSHS-B100	8/15/2014	4-6	<0.14U	<0.0076U	<0.009U	<0.032U	<0.0077U	<0.038U	<0.0099U	<0.059U	<0.0079U	<0.012U	<0.0079U	<0.016U	<0.026U	<0.011U	<0.0085U	<0.064U	<0.054U	<0.3U	<0.0073U	<0.0094U	<0.0088U
SSHS-B955	2/28/2018	4-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B23	5/9/2000	4-8	-	<0.4U	<0.4U	-	0.06J	-	0.14J	-	0.12J	0.13J	0.1J	0.1J	-	-	-	-	-	-	-	0.22J	0.047J
SSHS-B906	1/24/2018	6-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B965	3/1/2018	6-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B64	8/14/2014	6-9	<0.14U	<0.0074U	<0.0089U	<0.032U	<0.013J	<0.038U	<0.042J	<0.058U	<0.029J	<0.062J	<0.0077U	<0.016U	<0.026U	<0.01U	<0.0084U	<0.063U	<0.053U	<0.29U	<0.0071U	0.13	<0.0086U
SSHS-B100	8/15/2014	6-10	<0.15U	<0.0078U	<0.0093U	<0.033U	<0.008U	<0.04U	<0.01U	<0.061U	<0.0081U	<0.013U	<0.0081U	<0.016U	<0.027U	<0.011U	<0.0088U	<0.066U	<0.056U	<0.31U	<0.0075U	<0.0097U	<0.009U
SSHS-B101	8/14/2014	8-10	<0.15U	<0.0079U	<0.0094U	<0.057J	<0.014J	<0.04U	<0.055J	<0.1J	<0.052J	0.089	0.087	<0.017U	<0.027U	<0.011U	<0.0089U	<0.067U	<0.056U	<0.31U	<0.0076U	0.19	<0.0092U
SSHS-B65	8/14/2014	8-10	<0.15U	<0.0081U	<0.025J	<0.035U	<0.022J	<0.041U	<0.081J	<0.063U	<0.056J	<0.077J	<0.068J	<0.029J	<0.028U	<0.011U	<0.0091U	<0.068U	<0.058U	<0.32U	<0.0078U	0.11	<0.0094U
SSHS-B877	1/18/2018	8-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B879	1/19/2018	8-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B882	1/12/2018	8-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B886	1/19/2018	8-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B890	1/23/2018	8-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B23	5/9/2000	8-12	-	<0.41U	<0.41U	-	<0.41U	-	<0.41U	-	<0.41U	<0.41U	<0.41U	<0.41U	-	-	-	-	-	-	-	<0.41U	<0.41U
SSHS-B64	8/14/2014	10-12	<0.14U	<0.0074U	<0.0089U	<0.032U	<0.0076U	<0.038U	<0.0097U	<0.058U	<0.0078U	<0.012U	<0.0077U	<0.016U	<0.026U	<0.01U	<0.0084U	<0.063U	<0.053U	<0.29U	<0.0071U	<0.0092U	<0.0086U
SSHS-B65	8/14/2014	10-12	<0.13U	<0.0071U	<0.0085U	<0.03U	<0.0072U	<0.036U	<0.0093U	<0.055U	<0.0074U	<0.012U	<0.0074U	<0.015U	<0.024U	<0.0099U	<0.008U	<0.06U	<0.051U	<0.28U	<0.0068U	<0.0088U	<0.0082U
SSHS-B67	8/14/2014	10-12	<0.13U	<0.0069U	<0.0082U	<0.029U	<0.007U	<0.035U	<0.009U	<0.054U	<0.0072U	<0.011U	<0.0071U	<0.015U	<0.024U	<0.0096U	<0.0077U	<0.058U	<0.049U	<0.27U	<0.0066U	<0.0085U	<0.008U
SSHS-BSW-001	7/12/2018	10-12	<1.4U	<0.11U	<0.087U	<0.11U	0.14J	<0.87U	0.24J	<0.25U	0.31J	0.4	0.49	0.2J	<0.095U	<0.072U	<0.15U	<2.1U	<1.4U	<1.3U	<0.093U	0.31J	<0.089U
SSHS-NSBW	7/12/2018	10-12	<0.25U	<0.02U	<0.015U	<0.019U	<0.018U	<0.15U	<0.013U	<0.044U	<0.015U	<0.017U	<0.015U	<0.021U	<0.017U	<0.013U	<0.026U	<0.37U	<0.24U	<0.23U	<0.016U	<0.014U	<0.016U
SSHS-P1	7/12/2018	10-12	<2.6U	<0.21U	<0.16U	<0.2U	<0.19U	<1.6U	<0.14U	<0.46U	0.3J	0.3J	0.52J	<0.22U	<0.18U	<0.14U	<0.28U	<4U	<2.6U	<2.4U	<0.17U	<0.15U	<0.17U
SSHS-SS-14_8_20	8/20/2018	10-12	<0.27U	<0.022U	<0.017U	<0.021U	<0.02U	<0.17U	<0.015U	<0.048U	<0.017U	<0.019U	<0.017U	<0.023U	<0.019U	<0.014U	<0.029U	<0.42U	<0.27U	<0.25U	<0.018U	<0.015U	<0.017U
SSHS-SS-16_8_20	8/20/2018	10-12	<0.3U	<0.024U	<0.019U	<0.023U	<0.022U	<0.19U	<0.016U	<0.052U	<0.018U	<0.021U	<0.018U	<0.025U	<0.02U	<0.015U	<0.031U	<0.45U	<0.29U	<0.27U	<0.02U	<0.017U	<0.019U
SSHS-B1009	4/24/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B23	5/9/2000	0-0.25	-	<0.39U	0.04J	-	0.093J	-	0.44	-	0.45	0.42	0.37J	0.41	-	-	-	-	-	-	-	0.54	0.13J
SSHS-B24	5/9/2000	0-0.25	-	<0.39U	<0.39U	-	<0.39U	-	0.059J	-	0.077J	0.082J	0.073J	0.064J	-	-	-	-	-	-	-	0.093J	<0.39U
SSHS-B24	7/27/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-CS1	7/12/2018	10.3-10.3	<0.24U	0.022J	0.13	<0.019U	0.15	<0.15U	0.42	<0.043U	0.5	0.67	0.71	0.26	<0.017U	<0.013U	<0.026U	<0.37U	<0.24U	<0.23U	0.06J	0.43	0.15
SSHS-B100	8/15/2014	10-13.5	<0.15U	<0.0078U	<0.0093U	<0.033U	<0.0079U	<0.039U	<0.01U	<0.061U	<0.0081U	<0.013U	<0.008U	<0.016U	<0.027U	<0.011U	<0.0087U	<0.065U	<0.055U	<0.31U	<0.0075U	<0.0096U	<0.009U
SSHS-B101	8/14/2014	12-15.5	<0.14U	<0.0073U	<0.0088U	<0.031U	<0.0075U	<0.037U	<0.0096U	<0.057U	<0.0077U	<0.012U	<0.0076U	<0.015U	<0.025U	<0.01U	<0.0083U	<0.062U	<0.052U	<0.29U	<0.007U	<0.0091U	<0.0085U
SSHS-B24	7/11/2000	2-2.5	-	<0.37U	<0.37U	-	<0.37U	-	0.072J	-	0.054J	0.061J	<0.37U	0.046J	-	-	-	-	-	-	-	<0.37U	0.11J
SSHS-B24	7/27/2000	2-2.5	-	<0.38U	<0.38U	-	<0.38U	-	0.039J	-	<0.38U	<0.38U	<0.38U	<0.38U	-	-	-	-	-	-	-	0.078J	<0.38U
SSHS-P2	7/12/2018	7.7-7.7	<0.74U	<0.061U	0.051J	<0.057U	0.058J	<0.46U	0.42	<0.13U	0.24	0.33	0.21	<0.064U	<0.05U	<0.038U	<0.078U	<1.1U	<0.73U	<0.69UJ	<0.05U	0.8	<0.47U
SSHS-CS2	7/12/2018	9.1-9.1	<1.2U	0.18J	0.2J	<0.096U	0.32J	<0.77U	1.6	<0.22U	1.1	1.9	1.4	0.59	<0.084U	<0.064U	<0.13U	<1.9U	<1.2U	<1.1U	0.19J	1.7	0.31J

Notes:
mg/kg - milligrams per kilogram
J - estimated value
U - non-detect
Concentrations detected above restricted residential criteria

TABLE 9D
Summary of Analytical Results - Other COPC's Remaining in Soils

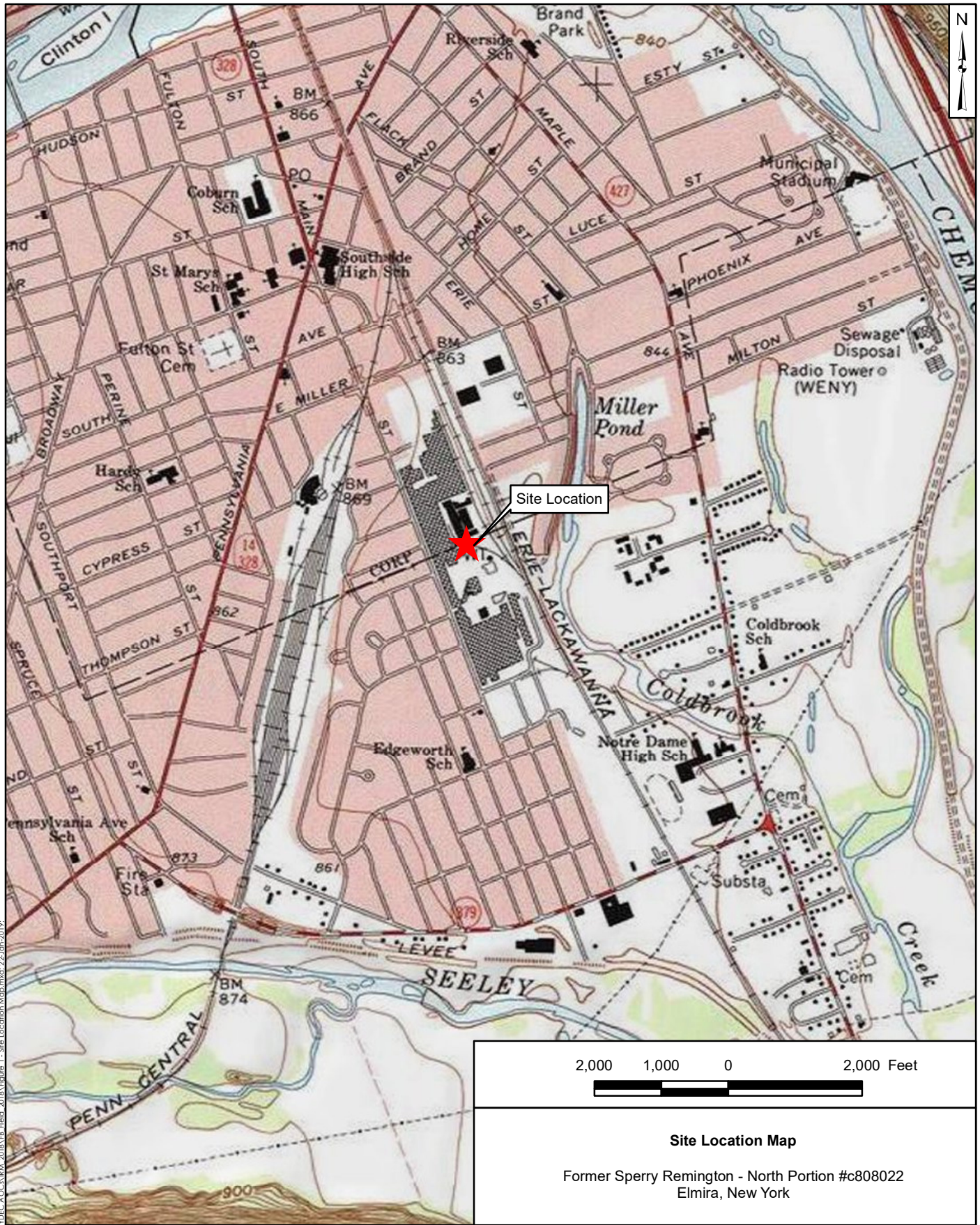
Former Sperry Remington Site - North Portion
Elmira, New York

			SVOCs																									
			Dibenzofuran	Diethylphthalate	Dimethyl phthalate	Di-n-butyl phthalate	Di-n-octyl phthalate	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-c,d)pyrene	Isophorone	Naphthalene	Nitrobenzene	N-nitrosodi-n-propylamine	n-Nitrosodiphenylamine	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Pyridine	Freon 113	Methyl acetate	Methylcyclohexane	
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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			0.0018	0.002	0.002	0.0023	0.0019	0.00039	0.00048	0.00038	0.0004	0.0019	0.0013	0.00037	0.0014	0.00032	0.0015	0.00042	0.0017	0.0016	0.0006	0.00043	0.00037	0.038				
Restricted - Residential			59					100	100	1.2				0.5		100				6.7	100	100	100					
Location	Sampled Date	Sample Depth Range																										
SSHS-B23	5/9/2000	1-4	<0.43U	-	-	-	-	0.045J	<0.43U	<0.43U	-	-	-	<0.43U	-	<0.43U	-	-	-	<0.43U	<0.43U	<0.43U	<0.43U	-	-	-	-	-
SSHS-B24	5/9/2000	1-4	<0.38U	-	-	-	-	0.061J	<0.38U	<0.38U	-	-	-	<0.38U	-	<0.38U	-	-	-	<0.38U	0.062J	<0.38U	<0.05J	-	-	-	-	-
0S1A 08022018	8/2/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0022U	<0.0068U	<0.0024U	
0S1B 08022018	8/2/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0021U	<0.0065U	<0.0023U	
0S1C 08022018	8/2/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SSHS-B101	8/14/2014	3-6	<0.13J	<0.044U	<0.044U	<0.051U	<0.043U	0.16	<0.011U	<0.0087U	<0.0091U	<0.044U	<0.029U	<0.065J	<0.031U	0.14	<0.034U	<0.0095U	<0.038U	<0.036U	0.77J	<0.0096U	0.14	-	-	-	-	-
SSHS-B100	8/15/2014	4-6	<0.039U	<0.043U	<0.043U	<0.049U	<0.042U	<0.02J	<0.01U	<0.0084U	<0.0088U	<0.043U	<0.028U	<0.0081U	<0.03U	<0.028J	<0.033U	<0.0093U	<0.037U	<0.035U	<0.056J	<0.0093U	<0.019J	-	-	-	-	-
SSHS-B955	2/28/2018	4-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SSHS-B23	5/9/2000	4-8	0.062J	-	-	-	-	0.39J	0.045J	<0.4U	-	-	-	0.087J	-	0.089J	-	-	-	<0.96U	0.41	<0.4U	0.33J	-	-	-	-	-
SSHS-B906	1/24/2018	6-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SSHS-B965	3/1/2018	6-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SSHS-B64	8/14/2014	6-9	<0.038U	<0.042U	<0.042U	<0.049U	<0.041U	<0.065J	<0.01U	<0.0083U	<0.0087U	<0.042U	<0.028U	<0.025J	<0.029U	<0.044J	<0.032U	<0.0091U	<0.036U	<0.035U	0.17	<0.0092U	<0.056J	-	-	-	-	-
SSHS-B100	8/15/2014	6-10	<0.04U	<0.044U	<0.044U	<0.051U	<0.043U	<0.018J	<0.011U	<0.0087U	<0.0091U	<0.044U	<0.029U	<0.0084U	<0.031U	<0.007U	<0.034U	<0.0095U	<0.038U	<0.036U	<0.013U	<0.0096U	<0.02J	-	-	-	-	-
SSHS-B101	8/14/2014	8-10	<0.079J	<0.077J	<0.045U	<0.052U	<0.043U	<0.077J	<0.011U	<0.0088U	<0.0092U	<0.044U	<0.03U	<0.025J	<0.031U	0.11	<0.034U	<0.0097U	<0.038U	<0.037U	0.44	<0.0097U	0.089	-	-	-	-	-
SSHS-B65	8/14/2014	8-10	<0.042U	<0.046U	<0.046U	<0.053U	<0.045U	0.11	<0.011U	<0.009U	<0.0095U	<0.046U	<0.03U	<0.04J	<0.032U	<0.045J	<0.035U	<0.0099U	<0.039U	<0.038U	0.1	<0.01U	0.097	-	-	-	-	-
SSHS-B877	1/18/2018	8-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SSHS-B879	1/19/2018	8-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SSHS-B882	1/12/2018	8-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SSHS-B886	1/19/2018	8-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SSHS-B890	1/23/2018	8-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SSHS-B23	5/9/2000	8-12	<0.41U	-	-	-	-	<0.41U	<0.41U	<0.41U	-	-	-	<0.41U	-	<0.41U	-	-	-	<1U	<0.41U	<0.41U	<0.41U	-	-	-	-	-
SSHS-B64	8/14/2014	10-12	<0.038U	<0.042U	<0.042U	<0.049U	<0.041U	<0.0083U	<0.01U	<0.0083U	<0.0087U	<0.042U	<0.028U	<0.008U	<0.029U	<0.0067U	<0.032U	<0.0091U	<0.036U	<0.035U	<0.012U	<0.0092U	<0.0078U	-	-	-	-	-
SSHS-B65	8/14/2014	10-12	<0.036U	<0.04U	<0.04U	<0.046U	<0.039U	<0.0079U	<0.0097U	<0.0079U	<0.0083U	<0.04U	<0.027U	<0.0076U	<0.028U	<0.0064U	<0.031U	<0.0087U	<0.034U	<0.033U	<0.012U	<0.0087U	<0.0075U	-	-	-	-	-
SSHS-B67	8/14/2014	10-12	<0.035U	<0.039U	<0.039U	<0.045U	<0.038U	<0.0077U	<0.0095U	<0.0076U	<0.008U	<0.039U	<0.026U	<0.0074U	<0.027U	<0.0062U	<0.03U	<0.0084U	<0.033U	<0.032U	<0.011U	<0.0085U	<0.0073U	-	-	-	-	-
SSHS-BSW-001	7/12/2018	10-12	<0.087U	<0.48U	<0.072U	<0.87U	<1.2U	0.71	<0.078U	<0.14U	<0.12U	<0.1U	<0.1U	0.45	<0.1U	<0.078U	<0.73U	<0.14U	<0.66U	<3.2U	0.29J	<0.6U	0.62	-	-	-	-	-
SSHS-NSBW	7/12/2018	10-12	<0.015U	<0.085U	<0.013U	<0.15U	<0.2U	0.018J	<0.014U	<0.025U	<0.02U	<0.018U	<0.018U	<0.014U	<0.018U	<0.014U	<0.13U	<0.024U	<0.12U	<0.56U	<0.019U	<0.11U	0.017J	-	-	-	-	-
SSHS-P1	7/12/2018	10-12	0.24J	<0.9U	<0.14U	<1.6U	<2.2U	0.38J	<0.15U	<0.27U	<0.22U	<0.19U	<0.19U	0.36J	<0.19U	0.37J	<1.4U	<0.25U	<1.2U	<6U	0.66J	<1.1U	0.27J	-	-	-	-	-
SSHS-SS-14 8 20	8/20/2018	10-12	<0.017U	<0.094U	<0.014U	<0.17U	<0.23U	<0.021U	<0.015U	<0.028U	<0.023U	<0.02U	<0.02U	<0.016U	<0.02U	<0.015U	<0.14U	<0.026U	<0.13U	<0.63U	<0.021U	<0.12U	<0.019U	-	-	-	-	-
SSHS-SS-16 8 20	8/20/2018	10-12	<0.019U	<0.1U	<0.015U	<0.19U	<0.25U	<0.022U	<0.017U	<0.03U	<0.025U	<0.022U	<0.022U	<0.017U	<0.022U	0.017J	<0.15U	<0.029U	<0.14U	<0.68U	<0.023U	<0.13U	<0.02U	-	-	-	-	-
SSHS-B1009	4/24/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SSHS-B23	5/9/2000	0-0.25	<0.39U	-	-	-	-	0.87	<0.39U	<0.39U	-	-	-	0.32J	-	<0.39U	-	-	-	<0.94U	0.34J	<0.39U	0.9	-	-	-	-	-
SSHS-B24	5/9/2000	0-0.25	<0.39U	-	-	-	-	0.15J	<0.39U	<0.39U	-	-	-	0.061J	-	<0.39U	-	-	-	<0.95U	0.048J	<0.39U	0.13J	-	-	-	-	-
SSHS-B24	7/27/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SSHS-CS1	7/12/2018	10.3-10.3	0.071J	<0.084U	<0.013U	<0.15U	<0.2U	0.79	0.055J	<0.025U	<0.02U	<0.018U	<0.018U	0.52	<0.018U	0.11	<0.13U	<0.024U	<0.12U	<0.56U	0.4	<0.11U	0.75	-	-	-	-	-
SSHS-B100	8/15/2014	10-13.5	<0.04U	<0.044U	<0.044U	<0.051U	<0.043U	<0.0086U	<0.011U	<0.0086U	<0.009U	<0.044U	<0.029U	<0.0083U	<0.03U	<0.007U	<0.034U	<0.0095U	<0.037U	<0.036U</								

Notes:
mg/kg - milligrams per kilogram
J - estimated value
U - non-detect

Concentrations detected above restricted residential criteria

FIGURES



Notes:

Topographic map accessed via ArcGIS Online and provided by National Geographic Society and i-cubed on 22 January 2019. Elmira, New York Quadrangle (1971, photorevised 1976) is shown.

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Columbia, Maryland

January 2019

Figure

1



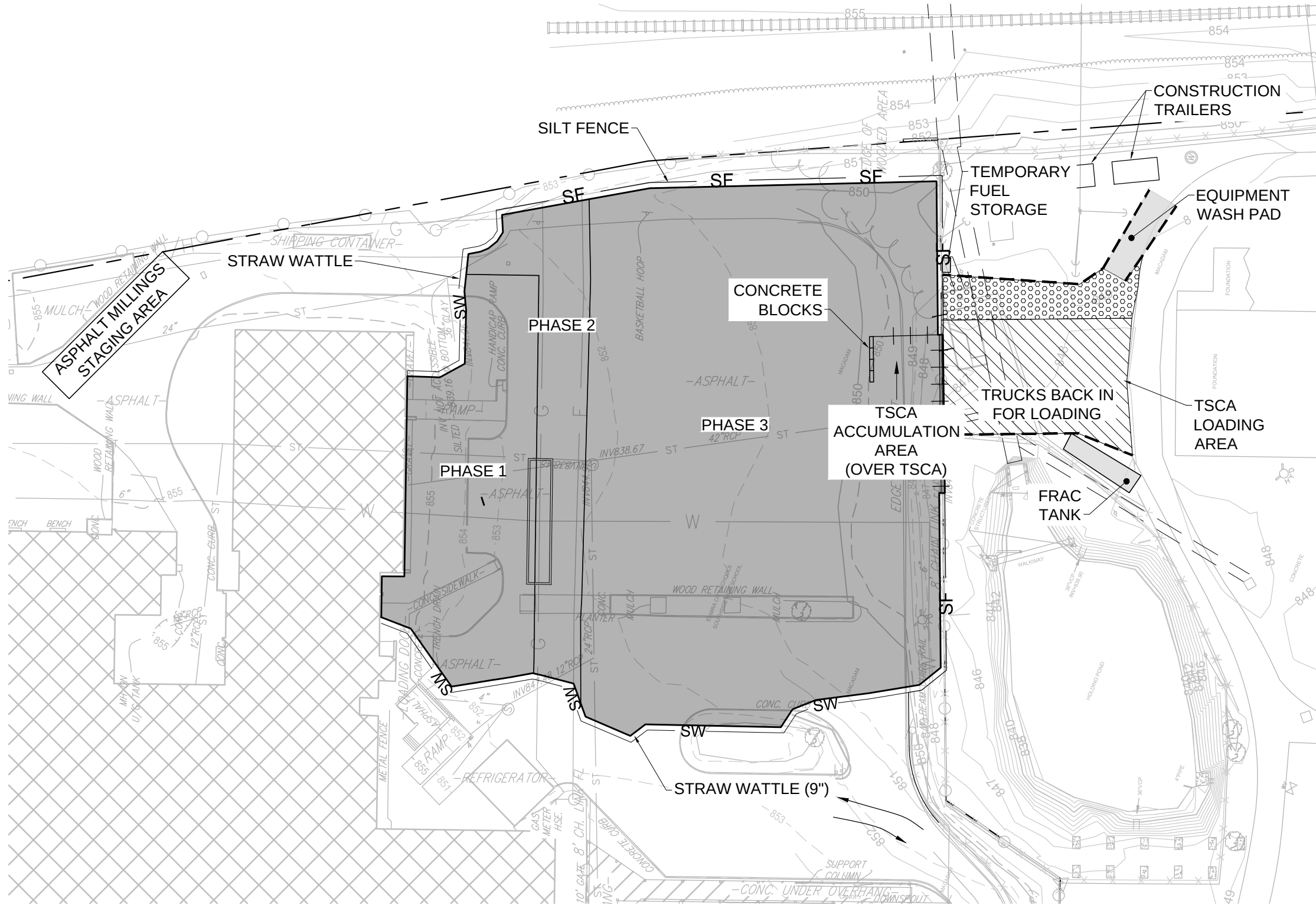
Notes

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 22 January 2019. Image is dated 2 June 2010.

150 75 0 150 Feet	
Site Layout	
Former Sperry Remington - North Portion #808022 Elmira, New York	
Beech and Bonaparte engineering p.c. <i>an affiliate of Geosyntec Consultants</i>	
Columbia, Maryland	January 2019
Figure 2	

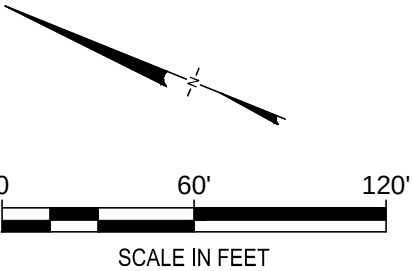
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I:\COLUMBIA-01\DATA\CADD\PROJECTS\ELMIRAS - ELMIRA NY (MN0832D)\MN0832D 1-19\DRAWINGS\MN0832DF104 - Last Saved by: blerrick on 1/22/19

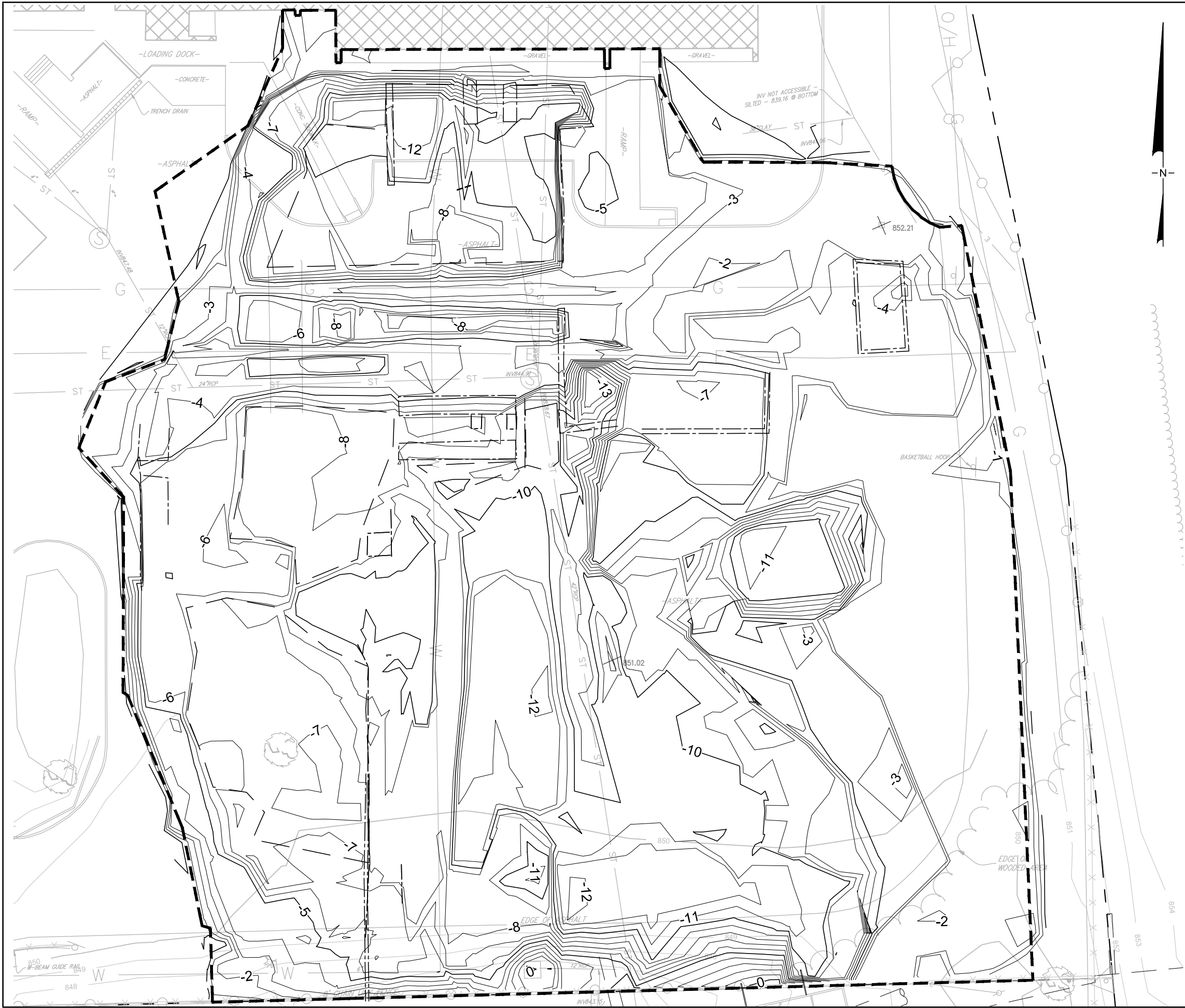


LEGEND

	MANHOLE
	CATCH BASIN
	CULVERT PIPE
	CHAIN LINK FENCE
	WOODEN FENCE
	PROPERTY LINE
	EXISTING CONTOUR LINE
	EDGE OF WATER
	EDGE OF WOODS OR BRUSH
	BURIED ELECTRIC CABLE
	SANITARY SEWER
	STORM SEWER
	NATURAL GAS LINE
	WATER LINE
	EXCAVATION LIMITS
	TREE



EXCAVATION PHASES	
	FIGURE 4
PROJECT NO: MN0832D	JANUARY 2019



LEGEND

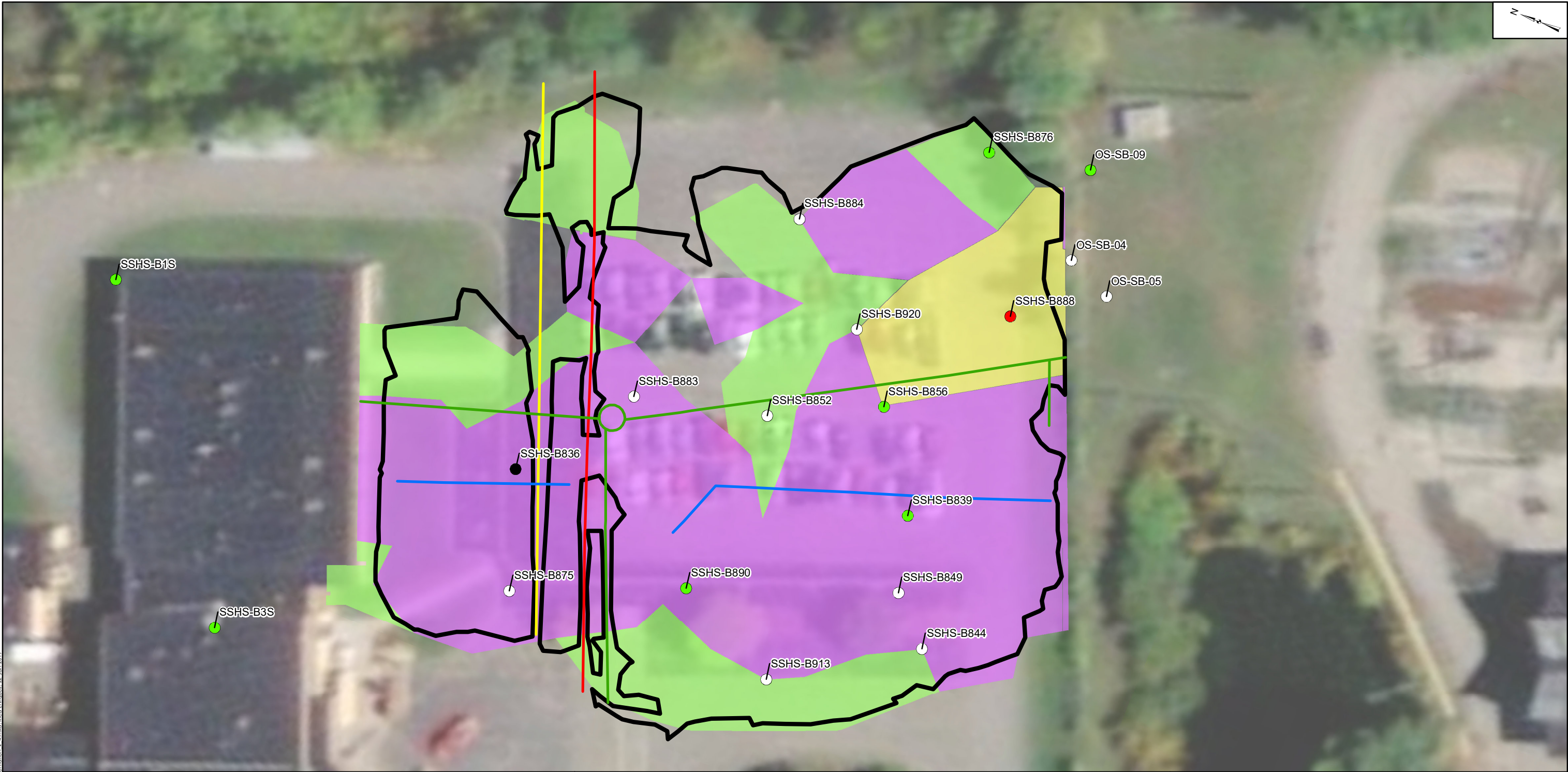
- MANHOLE CATCH
- ⊗ BASIN CULVERT
- 12" CMP — PIPE
- CHAIN LINK FENCE
- ⊗ WOODEN FENCE
- P — PROPERTY LINE
- 90 — EXISTING CONTOUR LINE
- — EDGE OF WATER
- — EDGE OF WOODS OR BRUSH
- E — BURIED ELECTRIC CABLE
- SAN — SANITARY SEWER
- ST — STORM SEWER
- G — NATURAL GAS LINE
- W — WATER LINE
- -10 — ISOPACHOUS CUT CONTOUR
- — ENCOUNTERED CONCRETE SLAB
- — ENCOUNTERED CONCRETE WALL

0 300'
SCALE IN FEET

CONTOUR MAPS OF ESTIMATED CUT AND FILL THICKNESSES

Beech and Bonaparte
engineering p.c.
an affiliate of Geosyntec Consultants

DATE:	JANUARY 2019
PROJECT NO.	ME0823D
DOCUMENT NO.	
FILE NO.	MN0832dF005
FIGURE NO.	5



Legend ● Detected TCLP Lead, below 5 mg/L ● TCLP Lead > 5 mg/L ○ TCLP Lead Not Detected Utilities (As-Built) — Electric — Gas — Storm — Water Design Excavation 10-50 mg/kg PCBs >50 mg/kg PCBs Managed for Lead Limit of excavation (As-Built)	Notes: TCLP - Toxicity characteristic leaching procedure PCBs - Polychlorinated biphenyls ft bgs - Feet below ground surface mg/L - milligram per liter mg/kg - milligram per kilogram Lead TCLP concentrations exceeding 5 mg/L exhibits toxicity characteristic as defined in 40 CFR 261.24 Aerial imagery accessed via ArcGIS Online on 22 January 2019.	40 20 0 40 Feet				
		Extent of TCLP Lead in Soil (2-4 ft bgs) Former Sperry Remington - North Portion #808022 Elmira, New York				
		Beech and Bonaparte engineering p.c. an affiliate of Geosyntec Consultants			Figure 6	
		Columbia, Maryland January 2018				

P:\GIS\Elmira - 808022\Mapa\N08022-0001.dwg 2018 CCR Performance Documentation 2.4.mxd Rico Enriquez 22-Jan-2019

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LEGEND

- MANHOLE CATCH
- ⊗ BASIN CULVERT
- 12" CMP — PIPE
- CHAIN LINK FENCE
- ⊗ WOODEN FENCE
- P — PROPERTY LINE
- 90 EXISTING CONTOUR LINE
- EDGE OF WATER
- EDGE OF WOODS OR BRUSH
- E BURIED ELECTRIC CABLE
- SAN SANITARY SEWER
- ST STORM SEWER
- G NATURAL GAS LINE
- W WATER LINE
- IMPORTED BACKFILL
- 3' DEPTH OF CLEAN FILL (FT, BGS)

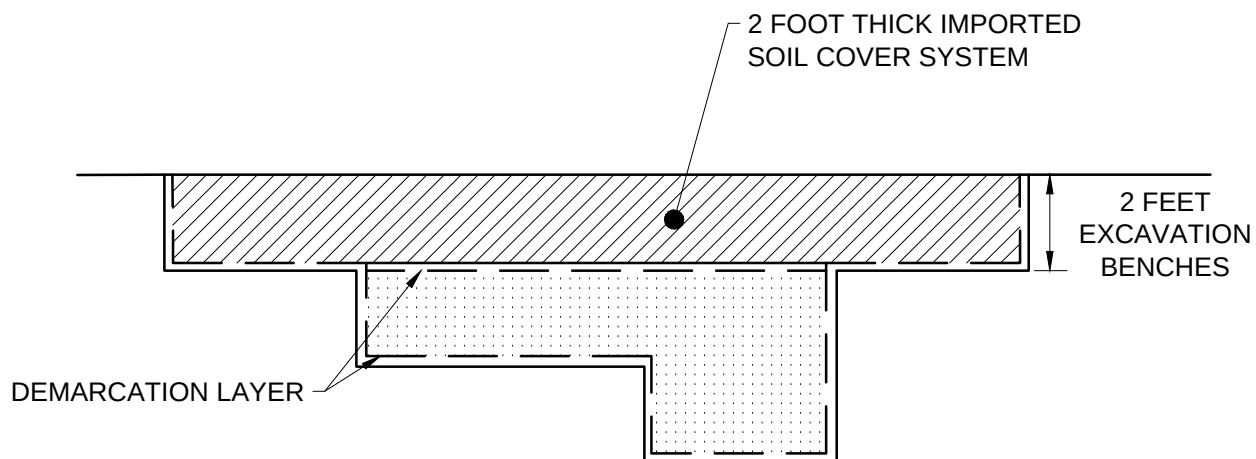


LOCATION AND EXTENT OF IMPORTED BACKFILL

Beech and Bonaparte
engineering p.c.
an affiliate of Geosyntec Consultants

DATE:	JANUARY 2019
PROJECT NO.	ME0823D
DOCUMENT NO.	
FILE NO.	MN0832dF008
FIGURE NO.	8





NOTES

1. DEMARCATION LAYER NETTING CONSISTS OF ORANGE ONE HUNDRED PERCENT (100%) CONTINUOUS MONOFILAMENT POLYPROPYLENE SPUN BOND FABRIC WITH UV INHIBITORS, SUCH AS OD5340 OR OD7525 ORIENTED NETTING BY INDUSTRIAL NETTING, POCKET NET FENCE BY 3T PRODUCTS, OR APPROVED EQUAL.
2. IN THE EVENT THAT CONTAMINATED SOILS REMAINED IN PLACE AFTER EXCAVATION, GEOTEXTILE FABRIC WAS PLACED IN THOSE AREAS OF THE EXCAVATION BENEATH THE DEMARCATION NETTING IN ORDER TO SEPARATE CONTAMINATED SOIL REMAINING FROM THE BACKFILL.

AS-BUILT SOIL COVER SYSTEM CROSS SECTION

Beech and Bonaparte
engineering p.c.

an affiliate of Geosyntec Consultants

FIGURE

10

PROJECT NO: MN0832D

JANUARY 2019

Appendix A

Survey Map, Metes and Bounds



This Indenture,

LIBER 653 PAGE 925

33.00

Made the 15th day of June,
Nineteen Hundred and Seventy-seven.

Between MARINE MIDLAND BANK, formerly known as Marine Midland Bank-Southern

a corporation organized under the laws of the State of New York, with offices at 150 Lake Street, Elmira, New York,

party of the first part, and

CITY SCHOOL DISTRICT OF THE CITY OF ELMIRA, NEW YORK, a school district organized under the Education Law of the State of New York, with its principal office at 951 Hoffman Street, Elmira, New York,

Witnesseth that the party of the first part, in consideration of ~~ONE~~-----

and NO/100-----Dollar (\$1.00-----)
lawful money of the United States, and other good and valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, its successors and assigns forever, all THAT TRACT OR PARCEL OF LAND situate in the City of Elmira, County of Chemung and State of New York, bounded and described as follows:

Beginning at a point in the northerly line of lands formerly belonging to Stephen Keating, which point is one hundred fifty (150) feet easterly from a point marking the northwest corner of said Keating lands located on the easterly line of South Main Street distant northerly four hundred ninety-one and ninety-four hundredths (491.94) feet from the northeasterly corner of South Main Street and O'Gorman Street; from said point of beginning running thence southerly parallel with the easterly line of South Main Street three hundred fifty-one and ninety-four hundredths (351.94) feet to a point; thence easterly parallel with O'Gorman Street one hundred and eighty (180) feet to a point; thence southerly parallel with South Main Street one hundred eighty (180) feet to a point in the southerly line of O'Gorman Street; thence easterly along the southerly line of O'Gorman Street three hundred thirty-three and forty-eight hundredths (333.48) feet to the westerly line of the right-of-way of the Erie Lackawanna Railway Company; thence northerly along said right-of-way five hundred thirty-one and eighty-one hundredths (531.81) feet more or less to a point in the westerly line of the right-of-way of said railroad company, said point marking the northeast corner of said Keating lands; thence westerly along the northerly line of said Keating lands five hundred nine and thirty-five hundredths (509.35) feet to the point of beginning.

Being the same premises conveyed to the party of the first part by Referee's Deed from Vernando J. Bonsignore, Referee, dated October 11, 1974, and recorded October 18, 1974 in Chemung County Clerk's Office in Liber 635 of Deeds at page 47.

The premises herein conveyed does not represent a substantial portion of the assets of the grantor.

The grantor covenants that it has not done or suffered anything which might adversely affect the marketability of the title of the premises.

The grantor also covenants that the grantee shall quietly enjoy the said premises and that the grantor will forever warrant the title to the premises.

Doc. 010 REC 020

Together with the appurtenances and all the estate and rights of the party of the first part in and to said premises,

To have and to hold the premises herein granted unto the party of the second part, its successors and assigns forever.

That, in compliance with Section 13 of the Lien Law, the grantor will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

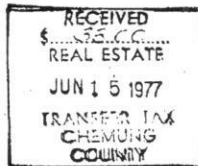
In Presence of

In Witness Whereof, the party of the first part has caused its corporate seal to be hereunto affixed, and these presents to be signed by its duly authorized officer this 15th day of June, Nineteen Hundred and Seventy-seven.

MARINE MIDLAND BANK

By Paul G. Baxter
Paul G. Baxter VICE PRESIDENT

ASSESSOR'S OFFICE
ELMIRA, N. Y.



#2788

JUN 22 1977
Ruth H. Hoyer
ASSESSOR
AT

State of New York } ss. On this 15th day of June,
County of CHEMUNG } ss. Nineteen Hundred and Seventy-seven,
before me personally came PAUL G. BAXTER

to me personally known, who, being by me duly sworn, did depose and say that he resides in Town of Southport that he is the Vice President of Marine Midland Bank the corporation described in, and which executed, the within Instrument; that he knows the seal of said corporation; that the seal affixed to said Instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said corporation; and that he signed his name thereto by like order.

Richard Denton
Notary Public

RICHARD DENTON OR-5989800
Notary Public, Chemung County
State of New York
Commission Expires 31st March 1978

JUN 15 4 29 PM 1977
CHEMUNG COUNTY
CLERK'S OFFICE
HARRY C. SHEPARD
COUNTY CLERK

FILED-RECORD

LIBER 652 PAGE 327

THIS INDENTURE made this 21 day of April, 1977,
between WESTINGHOUSE ELECTRIC CORPORATION, a Pennsylvania
corporation having its principal office and place of business at
Westinghouse Building, Gateway Center, Pittsburgh, Pennsylvania,
party of the first part and THE CITY SCHOOL DISTRICT OF THE CITY
OF ELMIRA, NEW YORK, a municipal corporation of the State of New
York having its principal office and place of business at 951
Hoffman Street, Elmira, New York, party of the second part,

WITNESSETH that the party of the first part in
consideration of one dollar (\$1.00) lawful money of the United
States and other good and valuable consideration paid by the
party of the second part, does hereby grant and release unto the
party of the second part, its successors and assigns forever:

ALL THAT TRACT OR PARCEL OF LAND situate in
the City of Elmira and Town of Southport, Chemung
County, New York, bounded and described as follows:

BEGINNING at an iron pin in the easterly line
of South Main Street in the City of Elmira located
60.30 feet southerly along said line from the
intersection of the easterly line of South Main
Street with the southerly line of O'Gorman Street
and running thence north 74° 02' 00" east a distance
of 150.00 feet to an iron pin; thence south 15° 03'
00" east a distance of 60.0 feet to an iron pin;
thence north 74° 05' 00" east a distance of 112.00
feet to an iron pin; thence north 15° 03' 00" west
a distance of 120.40 feet to an iron pin in
the south line of O'Gorman Street; thence north
74° 02' 00" east a distance of 68.00 feet along
the southerly line of O'Gorman Street to an iron
pin; continuing thence north 74° 02' 00" east
along a continuation easterly of the southerly
line of O'Gorman Street a distance of 333.48 feet
to an iron pin in the westerly line of the right-
of-way of the former Erie Railroad Company; thence
south 15° 46' 00" east along the westerly line of
the right-of-way of the Erie Railroad Company a
distance of 984.24 feet to an iron pin; thence
continuing along the westerly right-of-way of the
Erie Railroad Company south 26° 25' 47" east a
distance of 635.25 feet to an iron pin; thence
continuing along the westerly right-of-way of the
Erie Railroad Company south 20° 06' 00" east a
distance of 154.93 feet to an iron pin; thence
south 73° 37' 30" west a distance of 350.0 feet
to an iron pin; thence south 18° 31' 26" west a
distance of 73.15 feet to an iron pin; thence south
74° 45' 53" west a distance of 175.46 feet to an iron



APR 21 4 53 PM 1977
CHEMUNG COUNTY
CLERK

FILED

ASSESSOR
ELMIRA, N.Y.
OFFICE

APR 26 1977
RICK B. BROWN
ASSESSOR

pin; thence north 60° 09' 32" west a distance of 118.91 feet to an iron pin; thence south 74° 50' 28" west a distance of 164.62 feet to an iron pin in the easterly line of South Main Street; thence north 15° 03' 00" west a distance of 1676.34 feet along the west line of South Main Street to the place of beginning.

Excepting and reserving an easement ten (10) feet in width running along the westerly line of the above described premises from the southwesterly corner thereof northerly a distance of 548.85 feet to the division line between the City of Elmira and the Town of Southport for the purpose of maintaining, repairing and replacing a sewer main.

Subject to a gas pipeline easement granted by Sperry Rand Corporation to the New York State Electric and Gas Corporation dated April 10, 1969 and recorded in Chemung County Clerk's Office in Liber 601 of Deeds at Page 663 as amended by agreement dated April 12, 1977, to be recorded in Chemung County Clerk's Office and subject to the right reserved to the City of Elmira to maintain a sewer line in what was formerly Scott Street reserved in a quitclaim deed from the City of Elmira to Morrow Manufacturing Company dated October 31, 1916 and recorded in Chemung County Clerk's Office in Liber 182 of Deeds at Page 127.

Being the same premises conveyed by the Chemung County Industrial Development Agency to Westinghouse Electric Corporation by Deed dated April 21, 1977, to be recorded in the Chemung County Clerk's Office.

Together with the appurtenances and all the estate and rights of the party of the first part in and to said premises,

To have and to hold the premises herein granted unto the party of the second part, its successors and assigns forever,

The party of the first part does hereby covenant that it has not done nor suffered anything to be done which will in any way encumber the title to the above described premises.

Pursuant to the Lien Law of the State of New York the party of the first part does hereby covenant and agree that it will hold the consideration received for this conveyance and the right to receive such consideration as a trust fund to be used first for the payment of the cost of any improvements which may have been made on the above described premises within four months preceding the date of this conveyance.

LINE 652 PAGE 329

IN WITNESS WHEREOF the party of the first part has caused this deed to be executed by its duly authorized officers and its corporate seal to be affixed as of the day and year first above written.

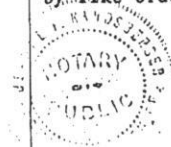
WESTINGHOUSE ELECTRIC CORPORATION,

By D. W. Herwald
Its Vice President

Attest: [Signature]
Its Assistant Secretary

State of Pennsylvania,)
County of Allegheny) ss.

On the 19th day of April, 1977, before me, personally came S. W. Herwald, to me known, who being by me duly sworn, did depose and say that he resides at _____, in the City of Pittsburgh, Allegheny County, Pennsylvania; that he is the Vice President of Westinghouse Electric Corporation the corporation described in and which executed the foregoing deed; that he knows the seal of said corporation; that the seal affixed to said deed is such corporate seal; that it was so affixed by order of the Board of Directors of said corporation and that he signed his name thereto by like order.



Jeanne F. Karschberger
Notary Public

JEANNE F. KARSCHBERGER, Notary Public
Pittsburgh, Allegheny County, Pa.
My Commission Expires
July 27, 1978

Allegheny County,
Commonwealth of Pennsylvania. } ss:

I, John P. Joyce, Prothonotary of the Court of Common Pleas in and for the County of Allegheny, in the Commonwealth of Pennsylvania, the same being a Court of Law and Record, and having a seal, do hereby certify that

Jeanne F. Karschberger Esquire, before whom the foregoing ACKNOWLEDGMENT or AFFIDAVIT was taken, and who has thereupon, in his or her own proper handwriting, subscribed his or her name to the certificate of the proof and acknowledgment of the annexed instrument, was at that time and is now a NOTARY PUBLIC in and for the Commonwealth of Pennsylvania, resident of said County aforesaid, duly commissioned and sworn and authorized by law to take and certify affidavits and the acknowledgments and proof of deeds to land, etc., to be recorded, to all whose acts as such are faith and credits are, and of right ought to be, given throughout the United States and elsewhere; and further, that said instrument is executed in accordance with the laws of this Commonwealth, and that I am acquainted with his or her signature and seal, and believe the same to be genuine.

In Testimony Whereof, I have hereunto set my hand and affixed the seal of the said Court, at Pittsburgh, in said County this 19 day of April in the year of our Lord one thousand nine hundred and 77

John P. Joyce Prothonotary.

20928

By [Signature] Deputy



Appendix B

Agency Approvals

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

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

Via E-mail

June 20, 2018

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

Dear Mr. Krueger:

**Re: Interim Remedial Measures #2 Work Plan
Former Sperry Remington Site #c808022
Elmira, Chemung County**

The New York State Department of Environmental Conservation (NYSDEC) and the New York State Department of Health have completed the review of "Interim Remedial Measures #2 Work Plan" for the Former Sperry Remington – North Portion Site #c808022, dated 15 March 2018, last revised 6 June 2018 and approve the work plan contingent upon the following modifications, certifications and approvals:

1. Section 2.2 – All "layback soils outside the limit of excavation" will be segregated from materials inside the excavation and sampled for reuse in 100 cu. yd increments.
2. Section 2.2 – IRM #2 was designed to provide side wall confirmation samples every 30 linear feet. The proposed alternative minimum sidewall confirmation sampling of 36 linear ft is not acceptable.
3. Section 2.2 – Confirmatory bottom samples will be collected at a frequency of 1 sample per 900 square feet (attached).
4. Section 2.2 – The proposed sidewall confirmation sampling frequency for Metals constituents of 1 sample per 90 linear feet is not acceptable adjacent to data above SCOs. Those areas will require 1 sample per 30 linear feet.
 - a. 0-2' – east and south walls
 - b. 2-4' – south wall
 - c. 4-6' – south wall
 - d. 6-8' – southwest wall



Department of
Environmental
Conservation

- e. 8-10' – south wall
 - f. 10-12' – southwest wall
5. Section 2.2 – the extent of Lead found at 36,000 ppm in the 10-12' interval of boring SSHS-B542 must be determined and remediated as part of this IRM. Confirmation sample frequency will be 1 per 30 linear feet sidewall and 1 per 900 square feet bottom wall.
 6. Section 2.2 – Below two feet, areas of elevated Arsenic, Barium, Cadmium, Copper, Lead and Nickel in soil are not remediated by IRM #2. If these constituents are subsequently determined to be migrating, then they must be addressed in the final site remedy.
 7. Section 2.2 – Written approval from ECSD must be provided prior to construction.
 8. Section 4 – Prior to the start of work, the Engineer of record for this IRM will certify in writing that all contractor Health and Safety Plans and information provided to the NYSDEC is in compliance with all Federal and State Safety requirements and is in compliance with the IRM work plan.
 9. Prior to the start of work, the Engineer of record for this IRM will certify in writing that the contractor excavation work plan provided is in compliance with the IRM work plan.
 10. Please identify planned depth of remediation between K-wing and the sheet piling (min 2' over demarcation).
 11. Please identify the method and materials that will be used as demarcation between PCB remediation waste and remediated areas when sheet piling is removed (K-wing, southern property line).
 12. Construction Drawing Sheet 7/8 of 16 – Post Excavation Confirmation Samples table should be updated in accordance with above comments 2-4.
 13. Section 2.2 Excavation and Soil Management, Section 2.3.1 Off-site Disposal Hazardous Waste and Construction drawing note 5 on sheets 7/8 identifies that all TSCA material will be direct or live loaded (into trucks) for off-site disposal. Additional construction details must be approved prior to any management of TSCA material at the site that is not direct loaded into trucks for offsite disposal.
 14. Dust Cleaning – Dust will be cleaned from the outside of buildings (K-Wing) adjacent to remedial excavations prior to backfill and again as part of final site restoration.

This letter shall be attached to the IRM #2 Work Plan and a hard copy is required to be kept in the document repository and one sent to NYSDEC.

As a reminder, all final documents and reports are to be in electronic format on compact computer discs (CDs). The disk should contain an Adobe® Acrobat® Portable Document Format (PDF) file and must be searchable. In addition, all data submitted to the DER must be in the DEC-approved Electronic Data Deliverable (EDD). Moreover, new data must be submitted on a continuous basis immediately after data validation occurs but in no event more than 90 days after the data has been submitted to the remedial party or its consultant(s). In other words, data is not to be held and submitted with the related reports. Please contact me at (585) 226-5480 if you have any questions regarding this letter.

Sincerely,

Timothy Schneider, P.E.
Professional Engineer 1

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

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

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

Via E-mail

July 25, 2018

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

Dear Mr. Krueger:

**Re: Interim Remedial Measures #2 Work Plan
Former Sperry Remington Site #c808022
Elmira, Chemung County**

The New York State Department of Environmental Conservation (NYSDEC) has completed the review of "Interim Remedial Measures #2 Work Plan" for the Former Sperry Remington – North Portion Site #c808022, dated 15 March 2018, last revised 13 July 2018 and the 22 June 2018 Geosyntec Response to Conditional Approval. The conditions of IRM #2 approval have been addressed collectively by these documents and therefore together form the final approved IRM #2 Work Plan.

Please integrate the above and have a hard copy kept in the document repository and one sent to NYSDEC.

As a reminder, all final documents and reports are to be in electronic format on compact computer discs (CDs). The disk should contain an Adobe® Acrobat® Portable Document Format (PDF) file and must be searchable. In addition, all data submitted to the DER must be in the DEC-approved Electronic Data Deliverable (EDD). Moreover, new data must be submitted on a continuous basis immediately after data validation occurs but in no event more than 90 days after the data has been submitted to the remedial party or its consultant(s). In other words, data is not to be held and submitted with the related reports. Please contact me at (585) 226-5480 if you have any questions regarding this letter.

Sincerely,

Timothy Schneider, P.E.
Professional Engineer 1



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

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

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

Via E-mail

July 31, 2018

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

Dear Mr. Krueger:

**Re: Amendment #2 - Interim Remedial Measures #2 Work Plan
Former Sperry Remington Site #c808022
Elmira, Chemung County**

The New York State Department of Environmental Conservation (NYSDEC) has completed the review of Amendment #2 - Interim Remedial Measures #2 Work Plan for the Former Sperry Remington – North Portion Site #c808022, dated 17 July 2018, and accept the work plan modifications.

A hard copy is required to be kept in the document repository and one sent to NYSDEC.

As a reminder, all final documents and reports are to be in electronic format on compact computer discs (CDs). The disk should contain an Adobe® Acrobat® Portable Document Format (PDF) file and must be searchable. In addition, all data submitted to the DER must be in the DEC-approved Electronic Data Deliverable (EDD). Moreover, new data must be submitted on a continuous basis immediately after data validation occurs but in no event more than 90 days after the data has been submitted to the remedial party or its consultant(s). In other words, data is not to be held and submitted with the related reports. Please contact me at (585) 226-5480 if you have any questions regarding this letter.

Sincerely,

Timothy Schneider, P.E.
Professional Engineer 1

P. Brookner
A. Krasnopoler



B. Schilling
M. Cruden
B. Conlon
D. Hettrick
J. Deming

From: Dudek, Heidi M (DEC)
To: Aron Krasnopoler; Schneider, Timothy A (DEC); Harrington, David (DEC); Cruden, Michael (DEC); Williams, Scott F (DEC); Schilling, Bernette (DEC)
Cc: Kevin.Krueger@unisys.com; Paul Brookner; Ashwin Ranna; Matthew Schallinger
Subject: RE: NYSDEC #c808022 IRM #2 - IRM #2 Construction Modifications
Date: Friday, June 29, 2018 4:00:46 PM
Attachments: [image001.png](#)
[image002.png](#)
[9 EXCAVATION SUPPORT PLAN - 6-29-18 Status.pdf](#)
[Pages from DFR.c808022.2018-06-28.pdf](#)

Hello Aron –

I have reviewed Geosyntec's request on behalf of Unisys to allow the sheet piling along the southern property boundary and TSCA accumulation area be temporarily halted to allow the sheet piling associated with the Phase 1 remediation to be completed. Based on internal discussion and to ensure that the remediation of the EHS Capital Improvement Project Area denoted as Phase 1 is completed in a timely manner, the modification of the Sheet Piling schedule as discussed below and attached is approved conditioned on the following:

1. A second line of silt fence is trenched in along the southern end of the property boundary to provide additional E&S controls.
2. The concrete blocks used to control the TSCA accumulation area are covered in poly to ensure that no material leaves the area.
3. Upon completion of the Phase 1 sheeting piling, sheet piling along the southern property line is continued and completed.

Heidi

From: Aron Krasnopoler [mailto:AKrasnopoler@Geosyntec.com]
Sent: Friday, June 29, 2018 3:42 PM
To: Dudek, Heidi M (DEC) <heidi.dudek@dec.ny.gov>; Schneider, Timothy A (DEC) <timothy.schneider@dec.ny.gov>; Harrington, David (DEC) <david.harrington@dec.ny.gov>; Cruden, Michael (DEC) <michael.cruden@dec.ny.gov>
Cc: Kevin.Krueger@unisys.com; Paul Brookner <PBrookner@Geosyntec.com>; Ashwin Ranna <ARanna@Geosyntec.com>; Matthew Schallinger <MSchallinger@Geosyntec.com>
Subject: RE: NYSDEC #c808022 IRM #2 - IRM #2 Construction Modifications

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Heidi,

1. Phase 1 would be completed in 5 days assuming no delays due to obstructions. We would then go back to installing along the property line.
2. Yes, that will be done.
3. Yes, that will be done.

Aron

Aron Krasnopoler, Ph. D., P.E. (MD, NY)
Project Engineer

10211 Wincopin Circle, 4th Floor
Columbia, MD 21044
Phone: 410-381-4333
Fax: 410-381-4499
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Beech and Bonaparte

engineering p.c.

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From: Dudek, Heidi M (DEC) <heidi.dudek@dec.ny.gov>
Sent: Friday, June 29, 2018 3:31 PM
To: Aron Krasnopoler <AKrasnopoler@Geosyntec.com>; Schneider, Timothy A (DEC) <timothy.schneider@dec.ny.gov>; Harrington, David (DEC) <david.harrington@dec.ny.gov>; Cruden, Michael (DEC) <michael.cruden@dec.ny.gov>
Cc: Kevin.Krueger@unisys.com; Paul Brookner <PBrookner@Geosyntec.com>; Ashwin Ranna <ARanna@Geosyntec.com>; Matthew Schallinger <MSchallinger@Geosyntec.com>
Subject: RE: NYSDEC #c808022 IRM #2 - IRM #2 Construction Modifications
Importance: High

1. When do you anticipate completing the phase 1 sheet piling and completing the sheet piling along the southern boundary?
2. Can you install a second line of silt fence along the southern end of the property boundary?
3. The concrete blocks you are using to control the TSCA accumulation area are they going to be covered in poly?

From: Aron Krasnopoler [<mailto:AKrasnopoler@Geosyntec.com>]
Sent: Friday, June 29, 2018 3:06 PM
To: Schneider, Timothy A (DEC) <timothy.schneider@dec.ny.gov>; Dudek, Heidi M (DEC) <heidi.dudek@dec.ny.gov>; Harrington, David (DEC) <david.harrington@dec.ny.gov>; Cruden, Michael (DEC) <michael.cruden@dec.ny.gov>
Cc: Kevin.Krueger@unisys.com; Paul Brookner <PBrookner@Geosyntec.com>; Ashwin Ranna <ARanna@Geosyntec.com>; Matthew Schallinger <MSchallinger@Geosyntec.com>
Subject: NYSDEC #c808022 IRM #2 - IRM #2 Construction Modifications

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Tim and Heidi,

As discussed with Heidi earlier today, we are requesting approval for modifications to the construction of IRM #2 in the following areas:

1. We are requesting approval to begin sheet pile wall installation near the EHS building in order to meet the schedule for Phase 1 excavation and backfill. We are requesting approval to relocate the crane for sheet pile installation to the EHS building starting today or tomorrow. Steel sheet pile is currently being installed along the southern property boundary and to form the eastern and northern walls of the TSCA accumulation area. To date, 19 sheets have installed on the property boundary and 5 sheets have been installed to form the eastern wall as shown on the markup of Sheet 9. Sheet pile wall extends from the eastern end of the TSCA accumulation area to approximate 8 feet west of the catch basin along the property line. In addition, E&S controls have been installed at the property boundary and along the edge of parking lot pavement. Photos from the 6-28-18 DFR plus additional photos show the extent of sheet pile wall and silt fence installation. Additional controls such as concrete blocks will also be installed on the north side of the TSCA accumulation temporarily until the sheet pile wall is installed.
2. Potential reuse soil overlaying TSCA has been segregated and tested prior to relocation to the MSA. We are waiting for analytical results, particularly for PCB analyses. If preliminary PCB results indicate that total PCB concentrations are <10 ppm, we will request approval to relocate those soils to the MSA pending receipt of results for non-PCB constituents. We are requesting clarification if approval could be given tomorrow if results are received today. In general, potential reuse soils overlaying TSCA will be staged within work area on suitable barrier material, e.g. poly sheeting and covered with tarps.
3. We are requesting approval to begin construction of the an equipment wash pad per the detail on Sheet 11 (attached) in place of the current automatic wheel wash. Wash pad construction would begin tomorrow, pending approval.

Please contact Paul Brookner or me if you have questions.

Sincerely,
Aron Krasnopoler

Aron Krasnopoler, Ph. D., P.E. (MD, NY)
Project Engineer

10211 Wincopin Circle, 4th Floor
Columbia, MD 21044
Phone: 410-381-4333
Fax: 410-381-4499
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Appendix C

Non-Agency Permits

This page left intentionally blank.
No non-agency permits were required.

Appendix D

Daily Field Reports

Appendix E

CAMP Data

Appendix F

As-Built Drawings

Appendix G

Well Abandonment Forms

Appendix H

Letters from Disposal Facility Owners

Appendix I

Manifests and Bills of Lading

Appendix J

Request to Reuse Forms and Email Approvals

Appendix K

Analytical Reports for Post Excavation Confirmation Samples

Appendix L

Data Validation Reports for Post Excavation Confirmation Samples

Appendix M
End-Point Sample Location Maps
Appendix N

Request to Import Forms and Email Approvals

Appendix O

Sieve and Proctor Test Results for Structural Backfill

Appendix P

Nuclear Density Test Results

Appendix Q

Maps of PCBs and Metals Remaining in Soil

Appendix R

ECSD Acknowledgement of Environmental Easement